

Kenneth Strickfaden's Life in Photos

Compiled by Jeff Behary. Photographs from the Doug Norwine Collection.



(10)

Tesla Coils.

$LC = 2.94093$

$\sqrt{LC} = 1.7149139$

$\times 2\pi = 6.28$ / 10.769659

No. 16 Resonator. $L = 71.73\,\mu h$, $C = .041\,\mu f$

P, 11 T no. 10 RC stranded 4 1/4" L (10.79 CM) D = 41.43 CM, (16.3125")

S, 830 T no. 021, 20 TPI, 41 1/2" L (1.054 M) Cir. = 1.0309 M (50.22")

$C = .041\,\mu f$ $L = 71.73\,\mu h$ $\lambda = 4345.6$ M, 69. KC

$LC = 5.206$ $\frac{\lambda}{4} = 1086.4$ $f = \frac{10^6}{2\pi\sqrt{LC}} =$

No. 13 Resonator. (several made)

P, 5 T no. 1/4" copper tubing $L = 10\,\mu h$. $C = .028160\,\mu f$. (28160 pf)

S, 522 T no. 20 enam. wire, 20 TPI, $= \frac{\lambda}{4}$, $\lambda = 1000$ M, 300 KC

D. = 8" (20.32 CM) Lit = 21.1"

Ci = .6380 mx T = 333.3 M =

282 KC to 332 KC = channel 51, alloted to coast telegraphs, 333, aviation

no. 1. sec. .024"	40 TPI.	Ts, 100, dia. 2 1/2", L, 2 1/2
no. 2. sec. .010"	28 TPI	Ts, 150. dia. 4 1/4". L, 4 1/8"
no. 3 sec. .010"	28 TPI	Ts 190 dia 4 1/4". L, 6 7/8"
no 4. sec. .027"	20 TPI	Ts 240, dia 4 1/4". L, 12".
no 5 sec. .024"	20 TPI.	Ts, 240. dia. 4 1/4". L, 12"
no. 6 sec. .024"	28 TPI	Ts, 336. dia. 4 1/4", L, 12".
no. 7. sec. .027"	20 TPI.	Ts, 180. dia 6 1/4", L, 9".
no. 8.		
no. 9, Sec .035"	20 TPI, Tp 8, Ts, 400, dia. 8", L, 20".	
no. 10,		
no. 11, sec. no. .021",	28 TPI, Tp 8, Ts, 602, dia. 8", L, 21 1/2"	
no. 12, sec. no. .028",	20 TPI, Tp 8, Ts 305, Dia, 7 3/4, L = 15 1/4	
no. 15 Mod. Thompson —	20 T/in T/p = 1 T/s = 180 D = 7 3/4, L = 9"	spark 11"
no. 17		

~~Thompson, no. 18, sec. no .027", 20 TPI, Tp = 1, Ts = 180. Dia 7 3/4. L = 9"~~

Trans. = 9 KV., Q gap. spark, 11". mica in oil cap. .0

Ice Follies, no 19, sec. no .035", 20 TPI, Tp = 8. Ts = 500, D = 7 3/4 L = 25"

Trans. = 10 KV, Q gap. spark 20", glass plate cap.

Freno Stevens. no. 13 above. no. 14, same as no. 13; above.

See. no. 20 E. 20 TPI. Tp, 5, Ts, 522. dia., 8"

No 13 Freno

FORMULAE

Formulae

$v = \lambda f$

$f = \frac{v}{\lambda}$

$\lambda = \frac{v}{f}$

Pipe $f = \frac{1}{2L}\sqrt{\frac{e}{D}}$ e = coefficient of elasticity.

Pendulum $f = 2\pi\sqrt{\frac{L}{g}}$ L = length, g = gravity const.

Spring $f = 2\pi\sqrt{\frac{K}{M}}$ stiffness, mass. plate?

String $f = \frac{1}{2L}\sqrt{\frac{T}{M}}$ Tension, mass

Rod $f = \frac{1}{4L}\sqrt{\frac{E}{D}}$ young's mod., dia.

Elec. $f = \frac{1}{2\pi\sqrt{LC}}$ L in henries, C in μf

Resonance

$X_L = X_C$

$LC = \frac{1}{4\pi^2 f^2}$

$f_{KC} = \frac{10^6}{2\pi\sqrt{L_{\mu h} C_{pf}}}$

$10^6 = f\, 2\pi\sqrt{LC}$

$2\pi = \frac{10^6}{f\sqrt{LC}}$

$\sqrt{LC} = \frac{10^6}{2\pi f}$

$2\pi\sqrt{LC} = \frac{10^6}{f_6}$

$\sqrt{L} = \frac{10^6}{2\pi_6\sqrt{C}}$

$\sqrt{C} = \frac{10^6}{2\pi\sqrt{L}}$

DISC.

$L_{\mu h}\, C_{pf} = \frac{25330}{f^2}$, $L = \frac{25330}{f^2 C}$, $C = \frac{25330}{f^2 L}$

$\lambda_M = \frac{300000}{f_{KC}}$

$\lambda = 1884\sqrt{LC}$

$L = \frac{\cdot 2\, a^2 n^2}{3a + 9b}$, a = dia. b = length, n, no. of turns.

Pendulum $\frac{\lambda}{4}$ Spring = C, Weight = L

$L(\mu h) = \frac{\cdot 2\, a^2 n^2}{3a + 9b + 10c}$

a = dia.
n = turns
b = length.
c = depth.

$C(\mu\mu f) = \cdot 244 \frac{KA}{d}(n-1)$

K = dielectric constant(s)
A = area
n = no. of plates.
d = distance apart.

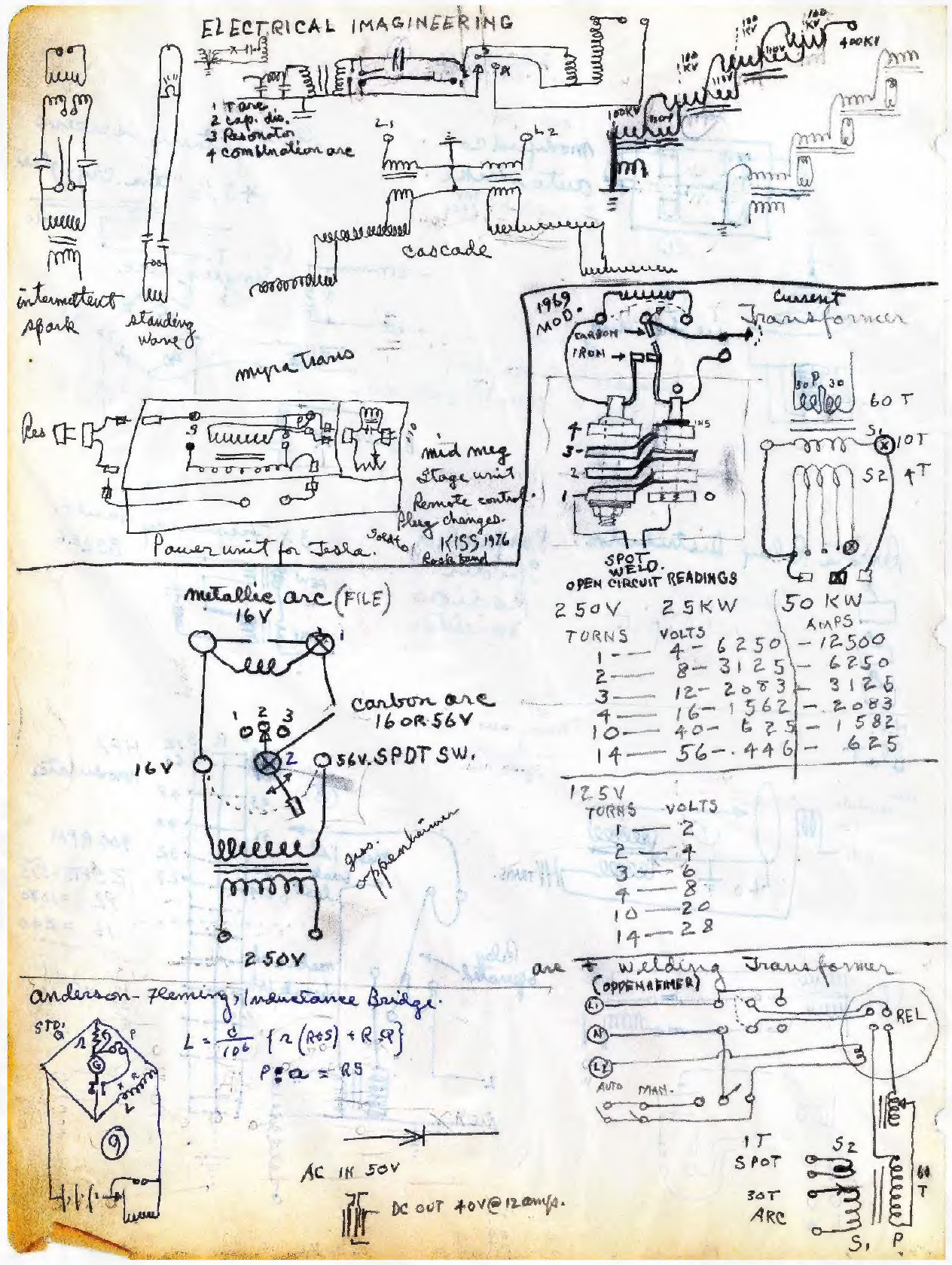
E11 Speed of sound in air about 1120 FT/S, (V)

$\lambda = \frac{v}{f}$, $\lambda 440 = \frac{1120}{440}$ or 2.5'

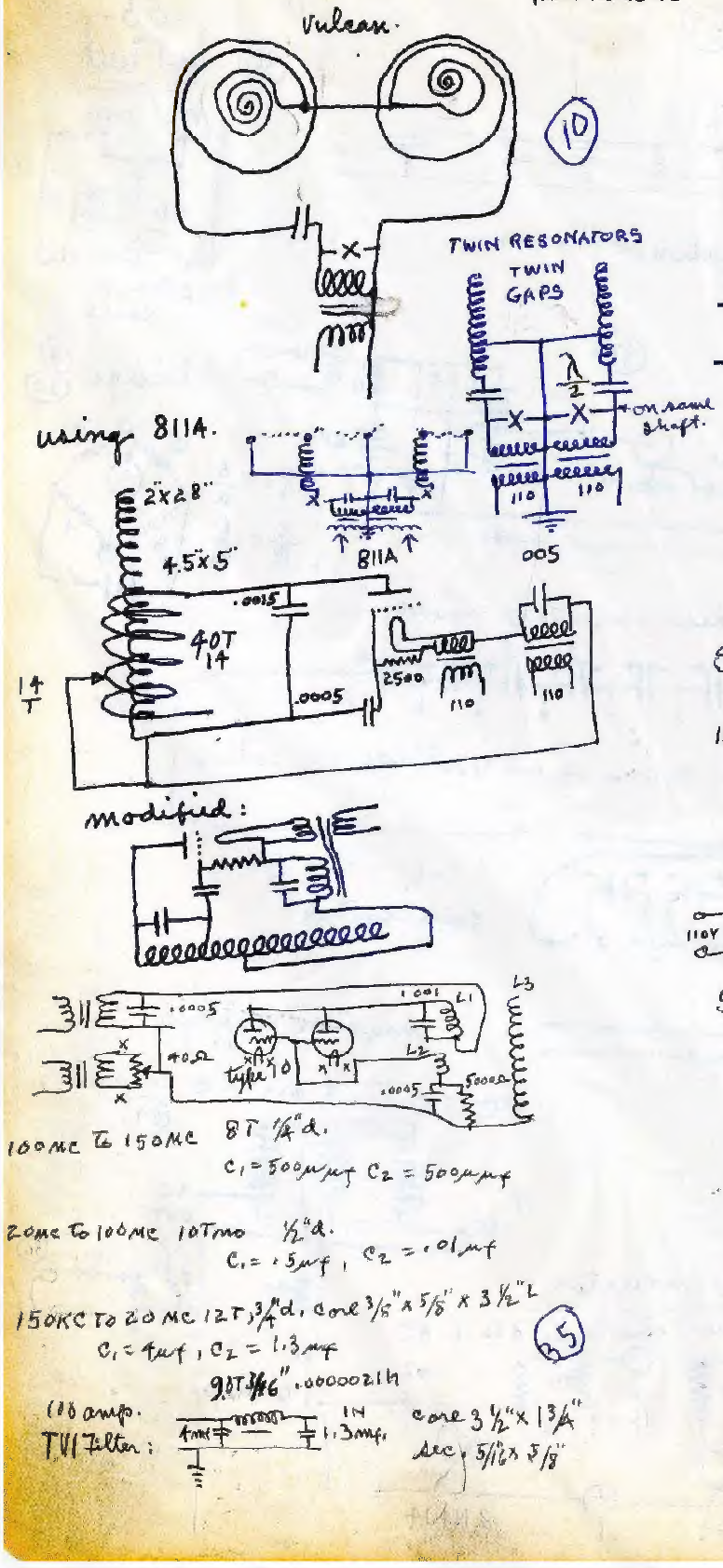
V of light = 186000 mi/s or 300000000 m.

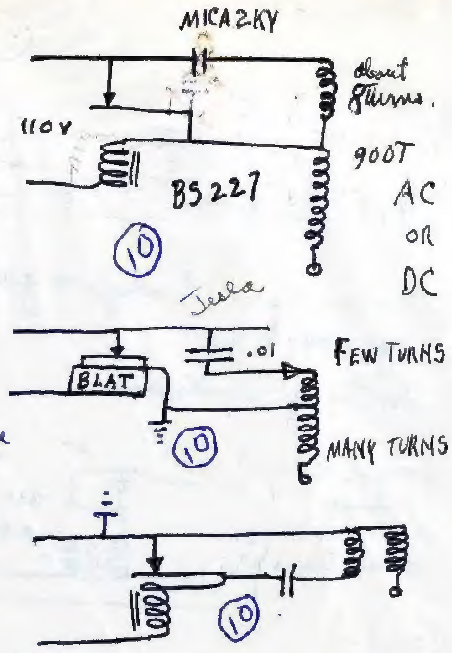
$\lambda = 60\sim = \frac{300000000}{60}$ or 5000000 m or 3100 mi.

ELECTRICAL IMAGINEERING

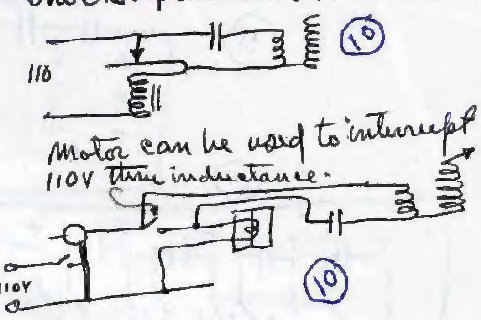


Resonators



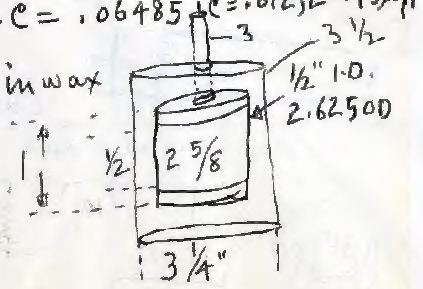


Shock excitation Resonator.

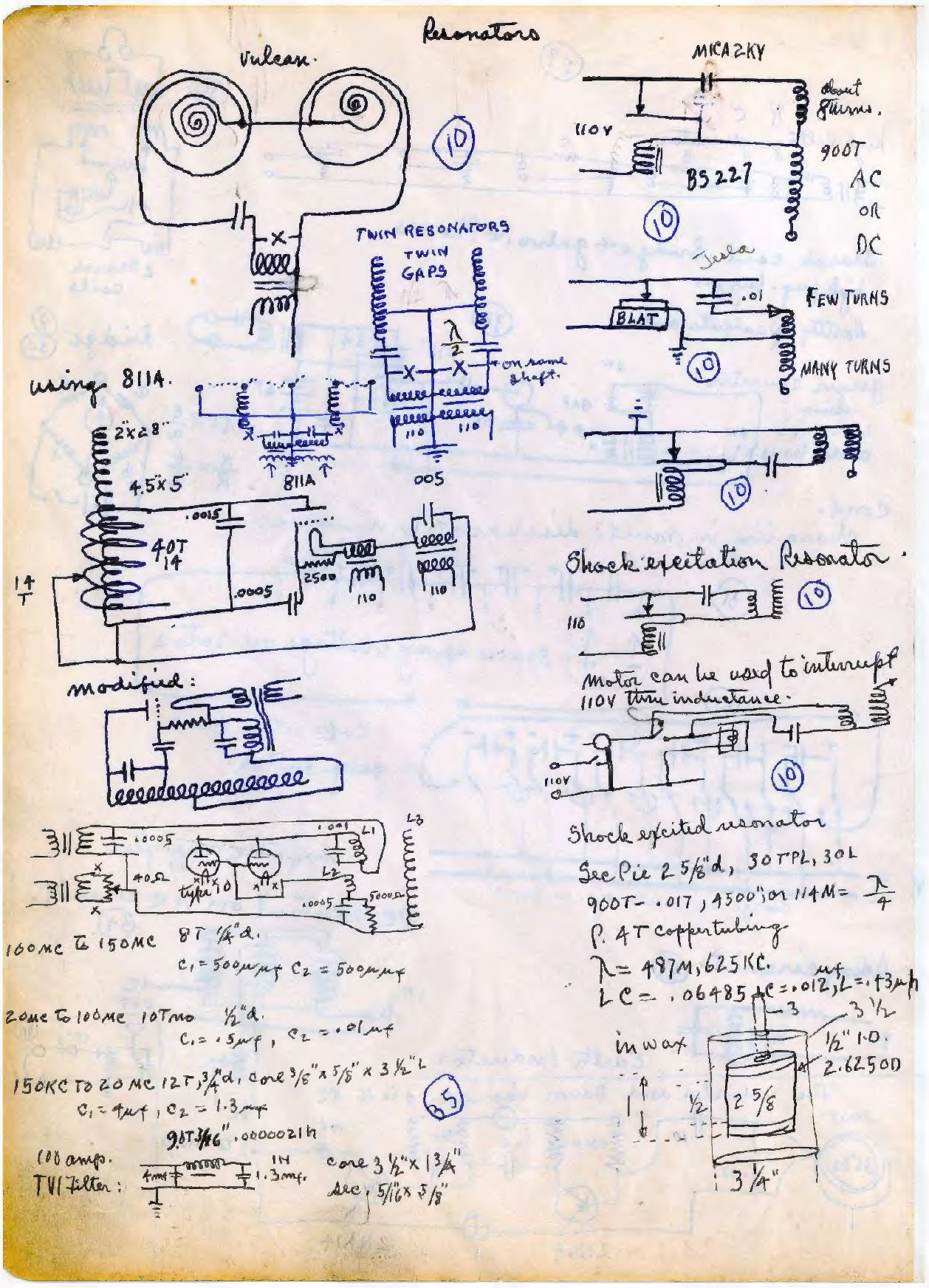


Shock excited resonator.

See Pic 2 5/8"d, 30TPL, 30L
900T - .017, 4500" or 114M = λ/4
P. 4T copper tubing
λ = 487M, 625KC.
LC = .06485 LC = .012, L = .43μf



Resonators


Vulcan.
10
TWIN RESONATORS
TWIN GAPS
λ/2
on same shaft.
using 811A.
811A
005
2"x 8"
4.5"x 5"
.0015
40T 14
14 T
.0005
2500
110
110
modified:
.0005
.001
L1
L2
L3
40Ω
type 10
5000Ω
100mc to 150mc 8T 1/4"d.
C1 = 500μμf C2 = 500μμf
20mc to 100mc 10Tno 1/2"d.
C1 = .5μf, C2 = .01μf
150KC TO 20 MC 12T, 3/4"d, core 3/8" x 5/8" x 3 1/2" L
C1 = 4μf, C2 = 1.3mf
9.6T 3/16" .0000021h
100 amp.
TVI filter:
4mf
1.3mf.
IN
core 3 1/2" x 1 3/4"
Acc. 5/16" x 3/8"
MICA 2 KV
about 8 turns.
110V
900T
BS 227
AC
OR
DC
10
Tesla
.01
FEW TURNS
BLAT
MANY TURNS
Shock excitation Resonator.
110
Motor can be used to interrupt 110V time inductance.
110V
Shock excited resonator
See Pic 2 5/8"d, 30 TPI, 30L
900T - .017, 4500" or 114M = λ/4
P. 4T copper tubing
λ = 487M, 625KC.
LC = .06485 μf C = .012, L = .43μh
3
3 1/2
in wax
1/2" I.D.
2.6250D
1/2
2 5/8
3 1/4"

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V of light = 186000 mi/s or 300000000 m.

$\lambda = 60\sim = \frac{300000000}{60}$ or 5000000 m or 3100 mi.

KENNETH J. STRICKFADEN
853 - 26th Street
Santa Monica, California
~~EX 5-2435~~
828-4256

ED.A.
Res- 650-8590
Dimensions Shop- 469-4372
6836 Lexington ave Hlwd. 90038
John O. Foster - 142 E SPRUCE S
INGLEWOOD CA. 90301. 671-2073.

FEB. 14, 1981.

I HEREBY CONSIGN 50 PIECES OF ELECTRICAL SHOW EQPT. TO ED. ANGELL & JANICE NEWMARK, OF "DIMENSIONS," WITH THE UNDERSTANDING THAT THEY WILL SHARE THE PROCEEDS FROM THE SALE, RENTAL, REPLICATION OR USE OF THIS EQPT WITH JOHN O. FOSTER ON A 50-50% BASIS. IF THEY DECIDE, FOR ANY REASON TO TO RELINQUISH THEIR INTEREST, THE EQPT. WILL BECOME THE SOLE PROPERTY OF JOHN O. FOSTER. Kenneth J. Strickfaden.

AGREED: John O. Foster

Ed Angell

Janice Newmark

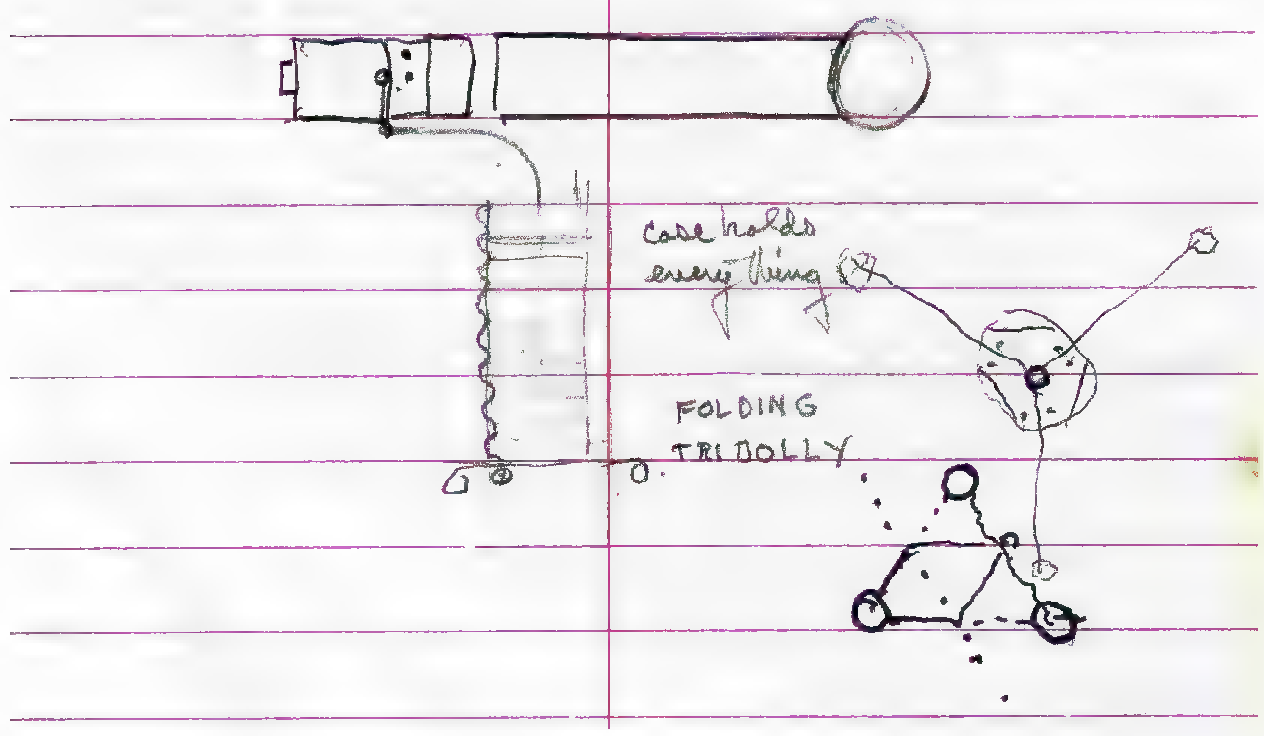
The personal papers of Ken Strickfaden were given to John O. Foster, by Strick, for John's keeping and any use he might have for them.
Before anything was done, John passed away. The papers became the property of John's widow, Lois M. Foster.
Mr. Harry Goldman, Tesla Coil Association President, due to his close association with Ken Strickfaden and John Foster, has been given the papers, with my full accord, to do as he sees fit. They are to be the sole property of Harry Goldman.

Lois M. Foster

Lois M. Foster

May 23, 2000

omni mic
Shoots in any direction





Kenny Tesla Coil
From

Frankenstein Meets The Wolfman
1943

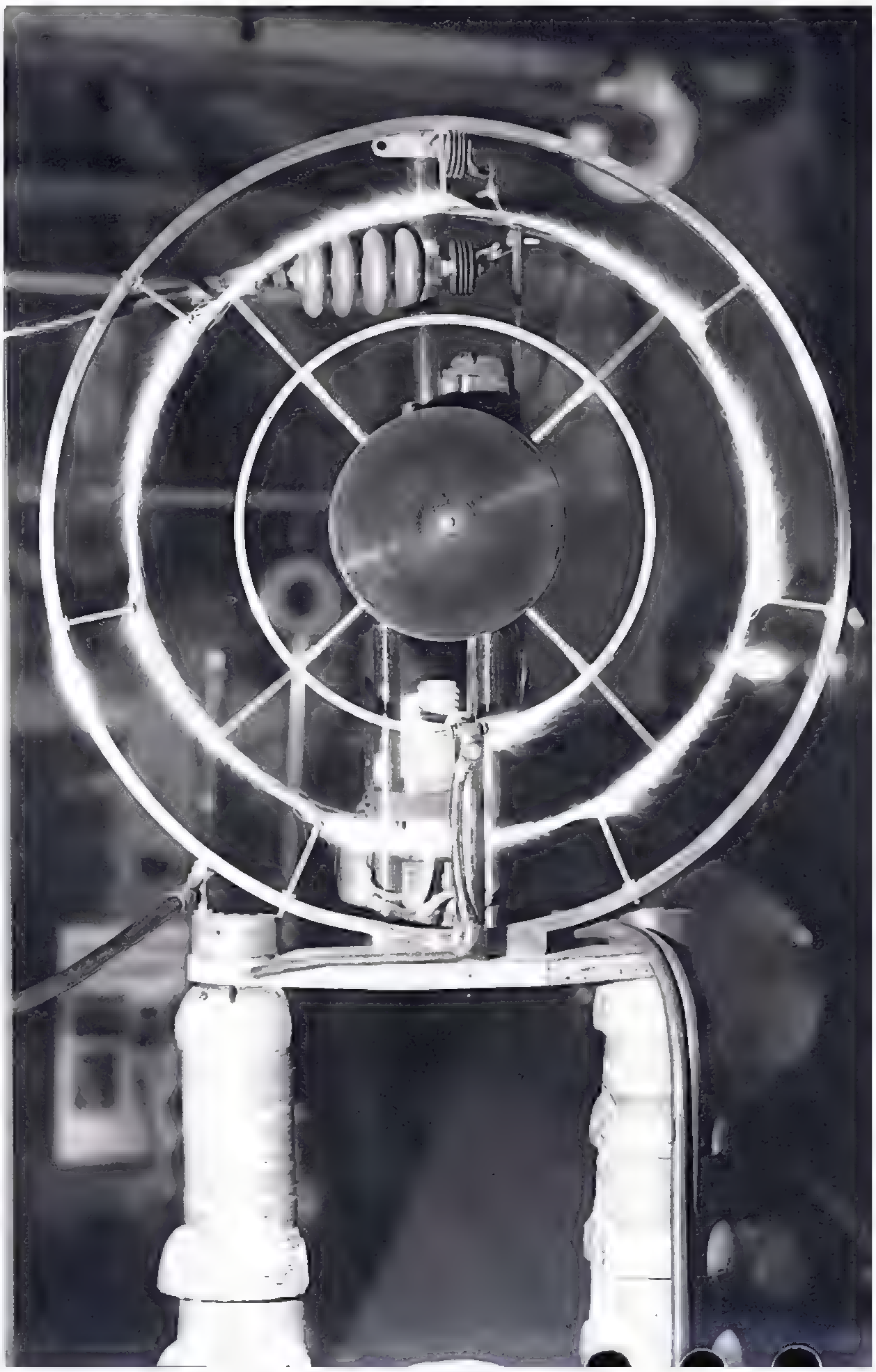


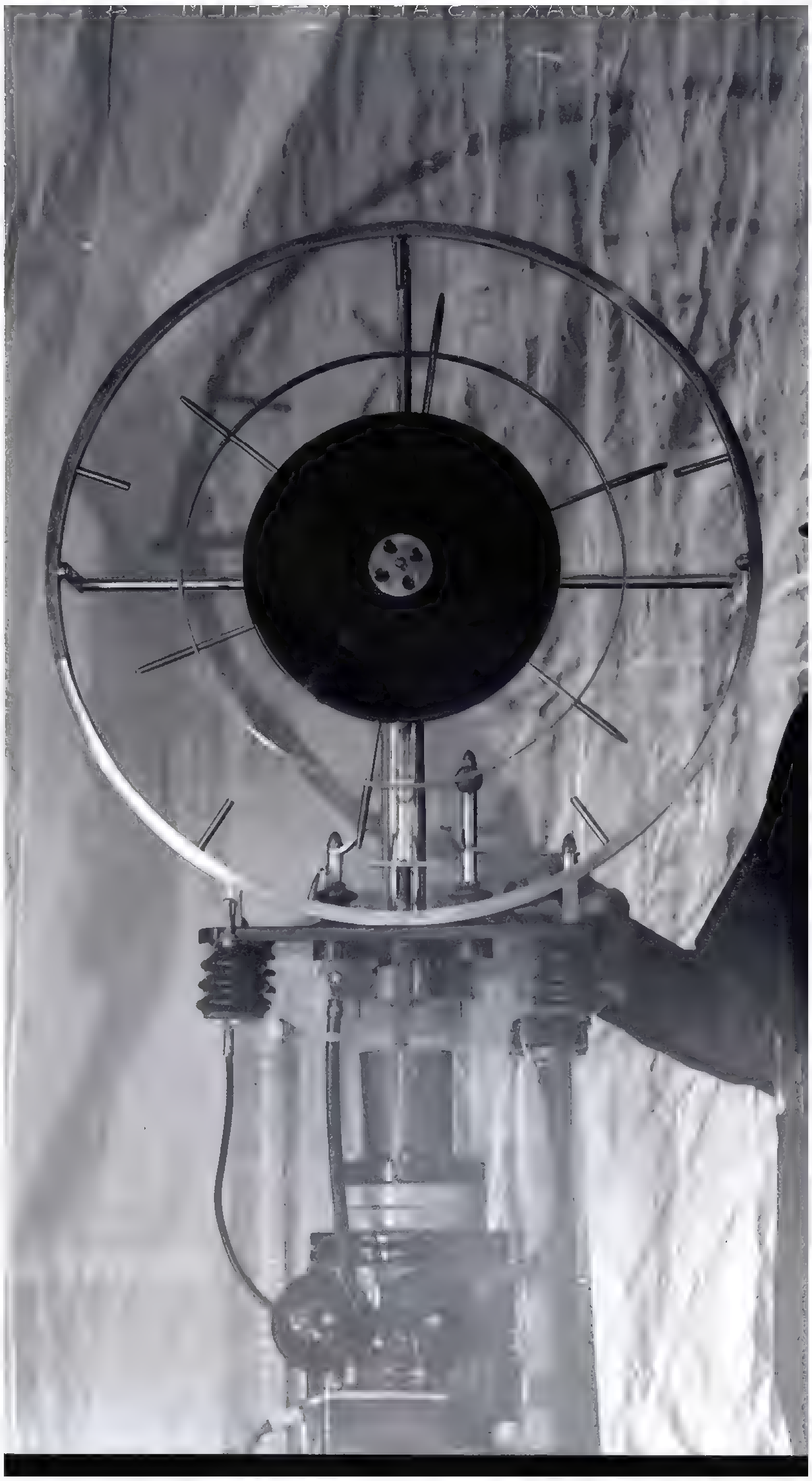
SMALL COIL.
52" TALL
22 DIA
50" of WINDING
62" of DISCHARGE
SPIRAL PRIMARY
1 - 0.0459 μfd CAPACITOR
3KVA TRANSFORMER WITH 110V INPUT
AND ABOUT 60-70 Amps.

THIS SET UP IS THE SAME AS THE LARGE COIL.

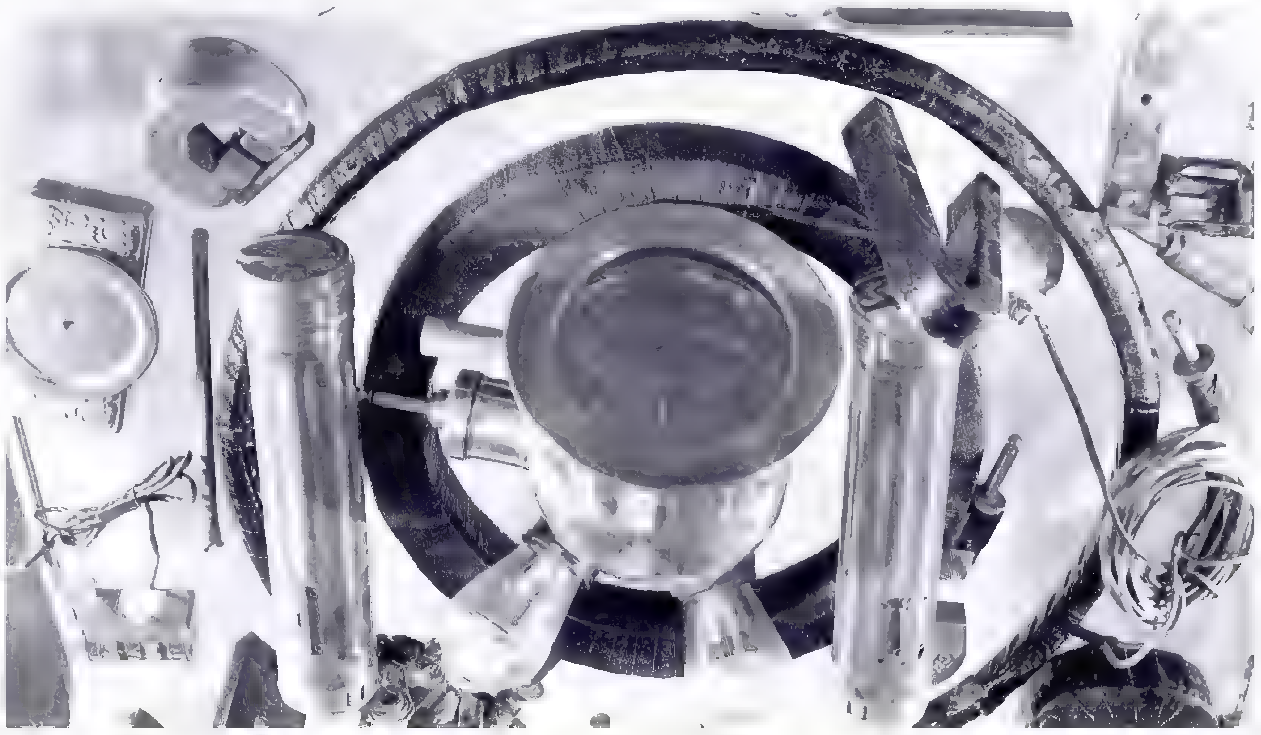
THIS PICTURE WAS OVER DEVELOPED

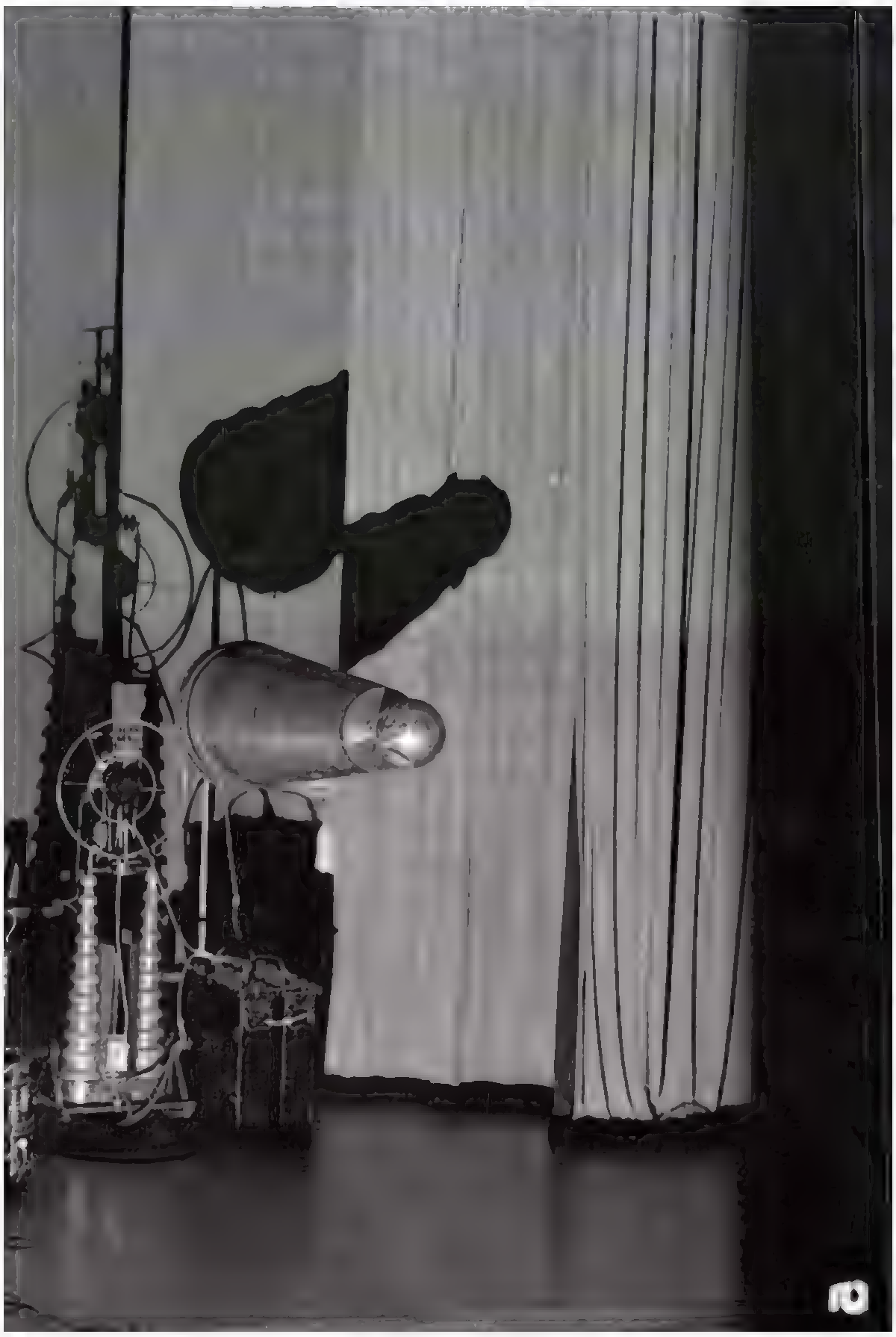


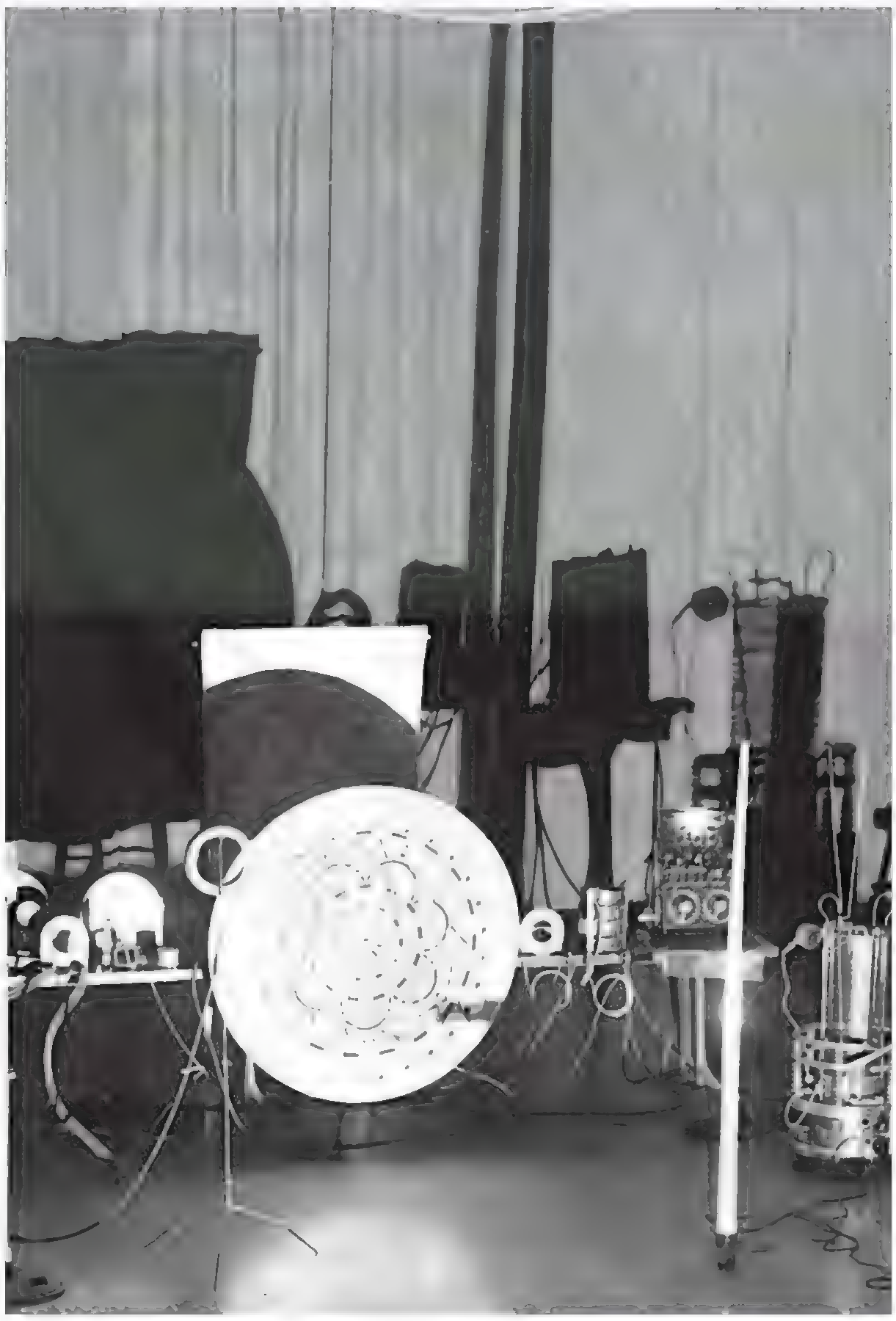


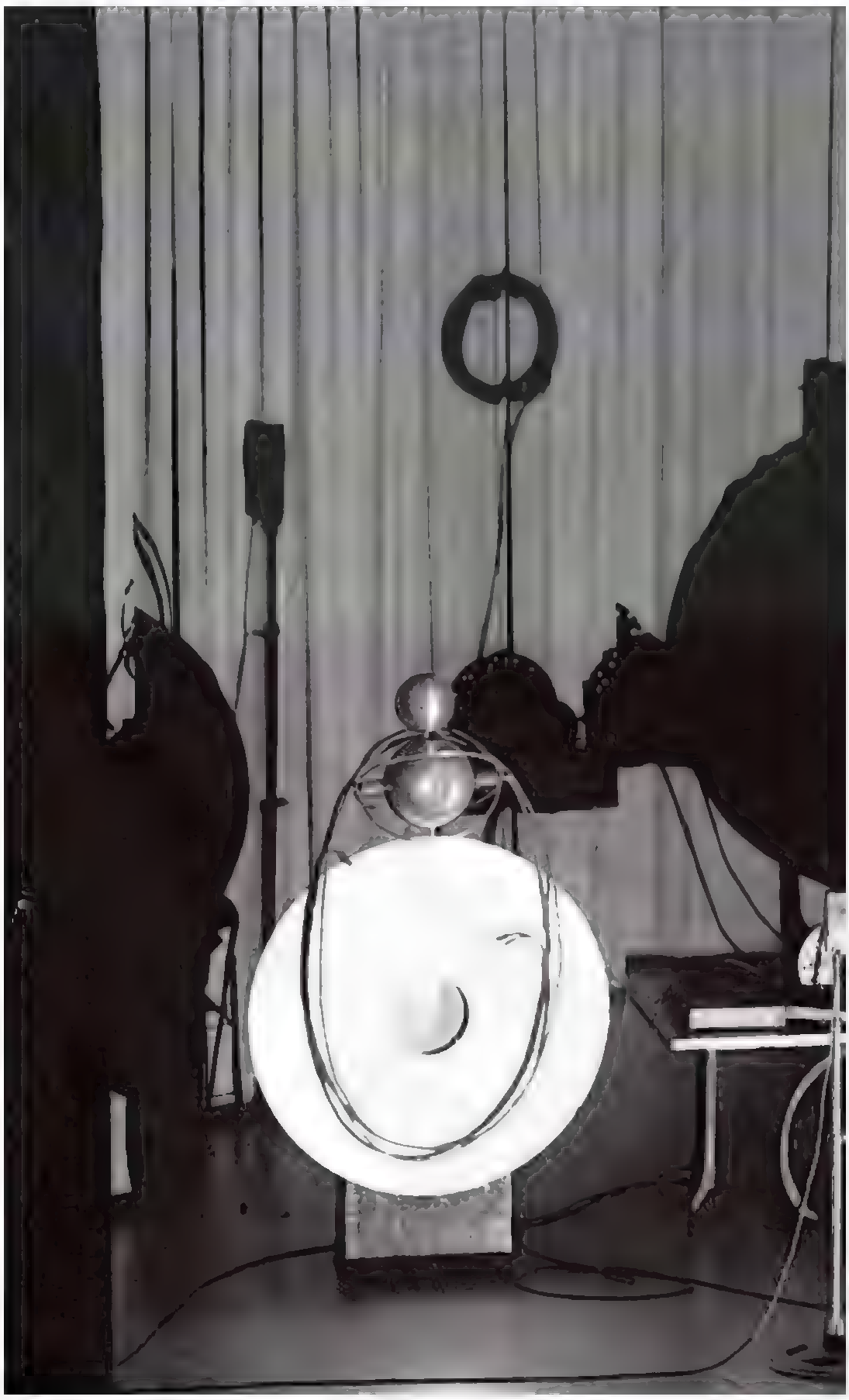


















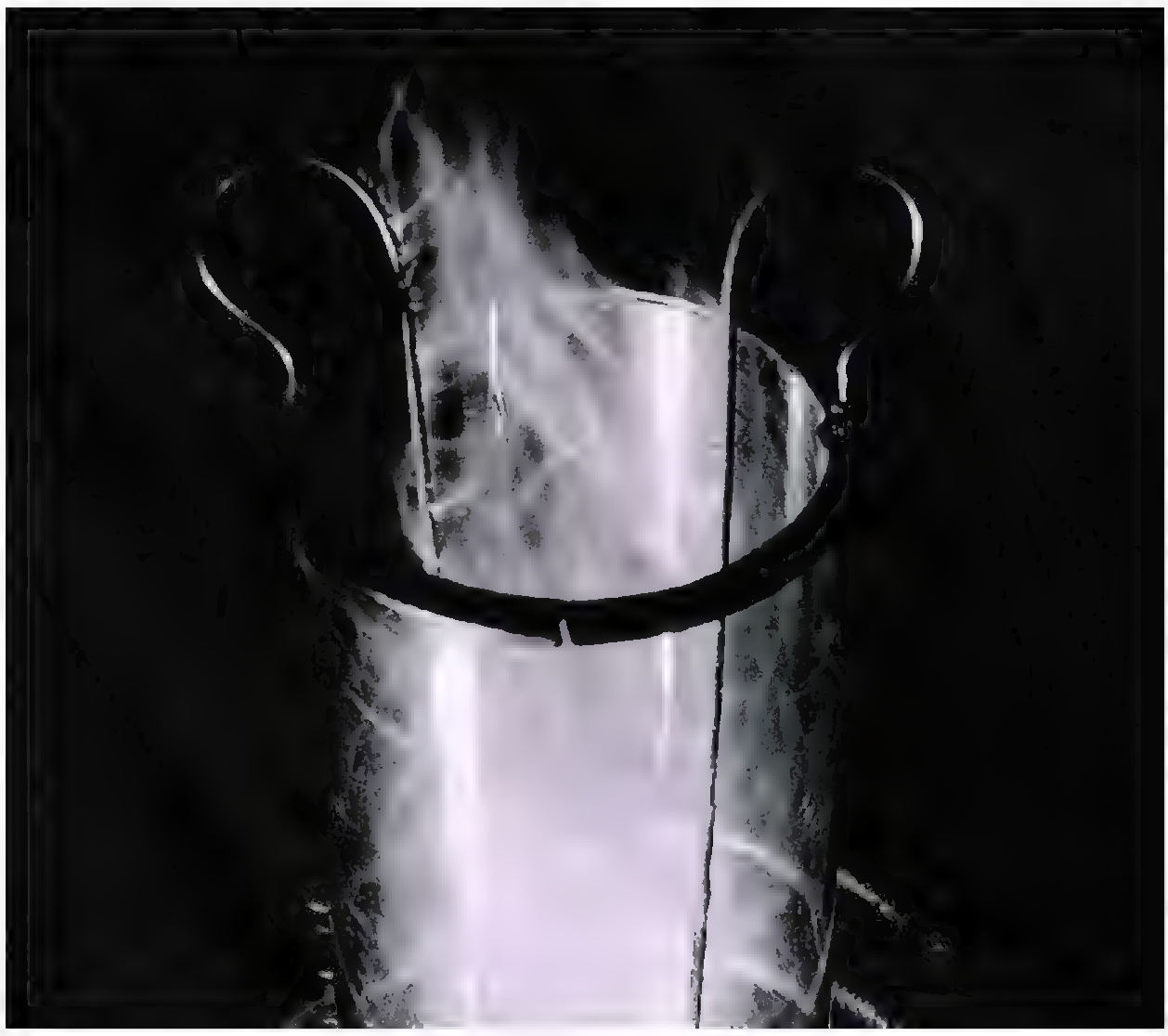












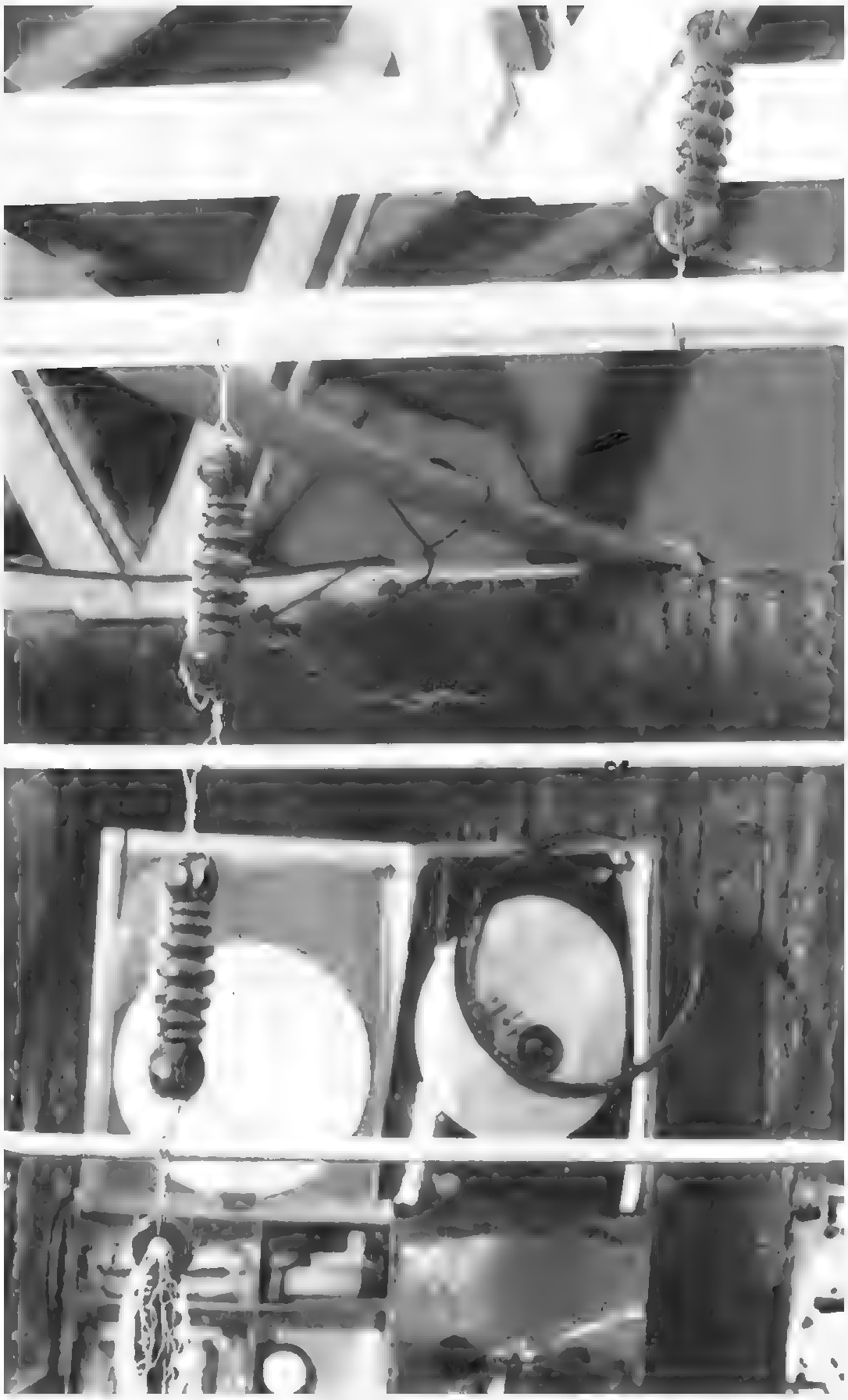

HAMMER-SAFELY

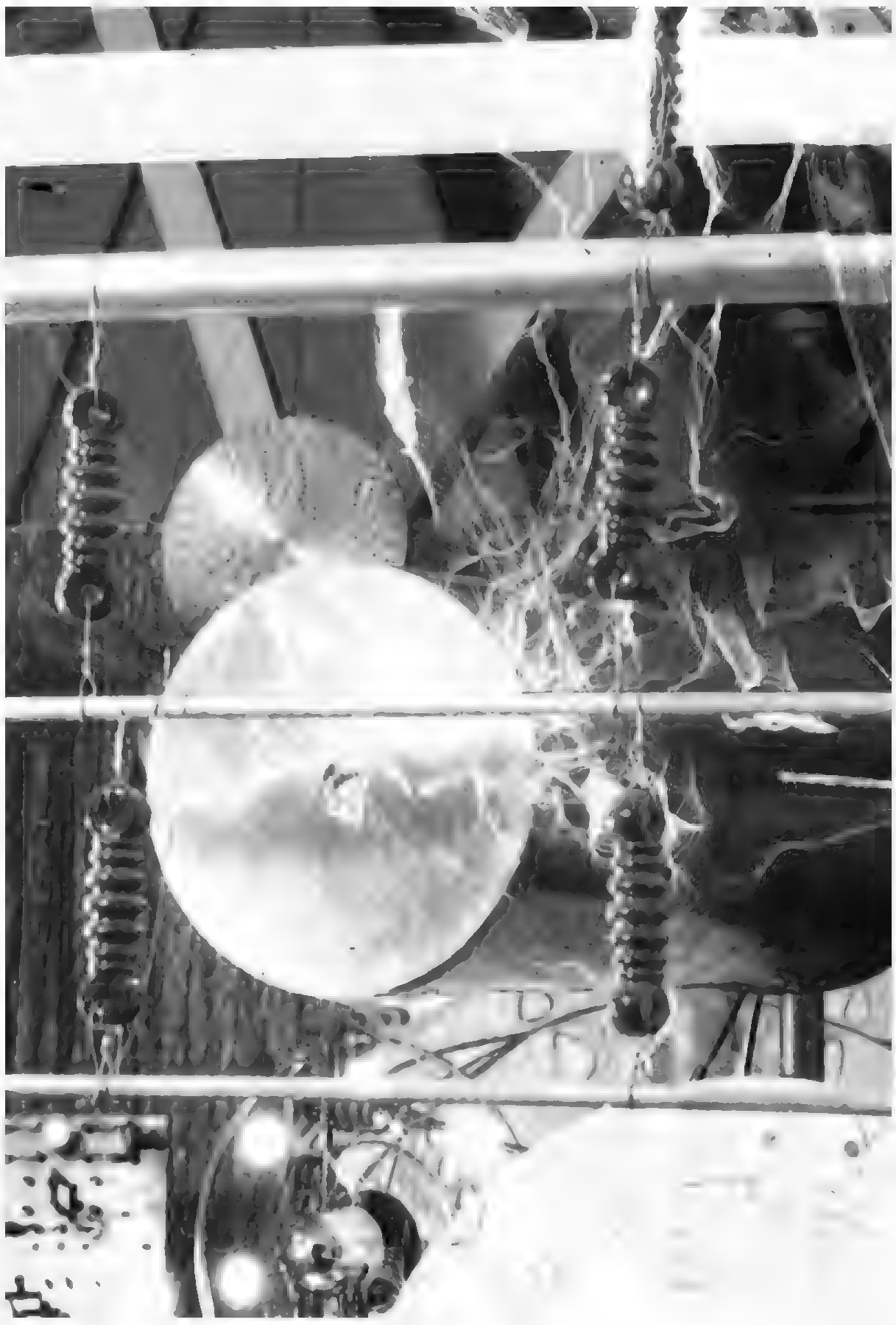


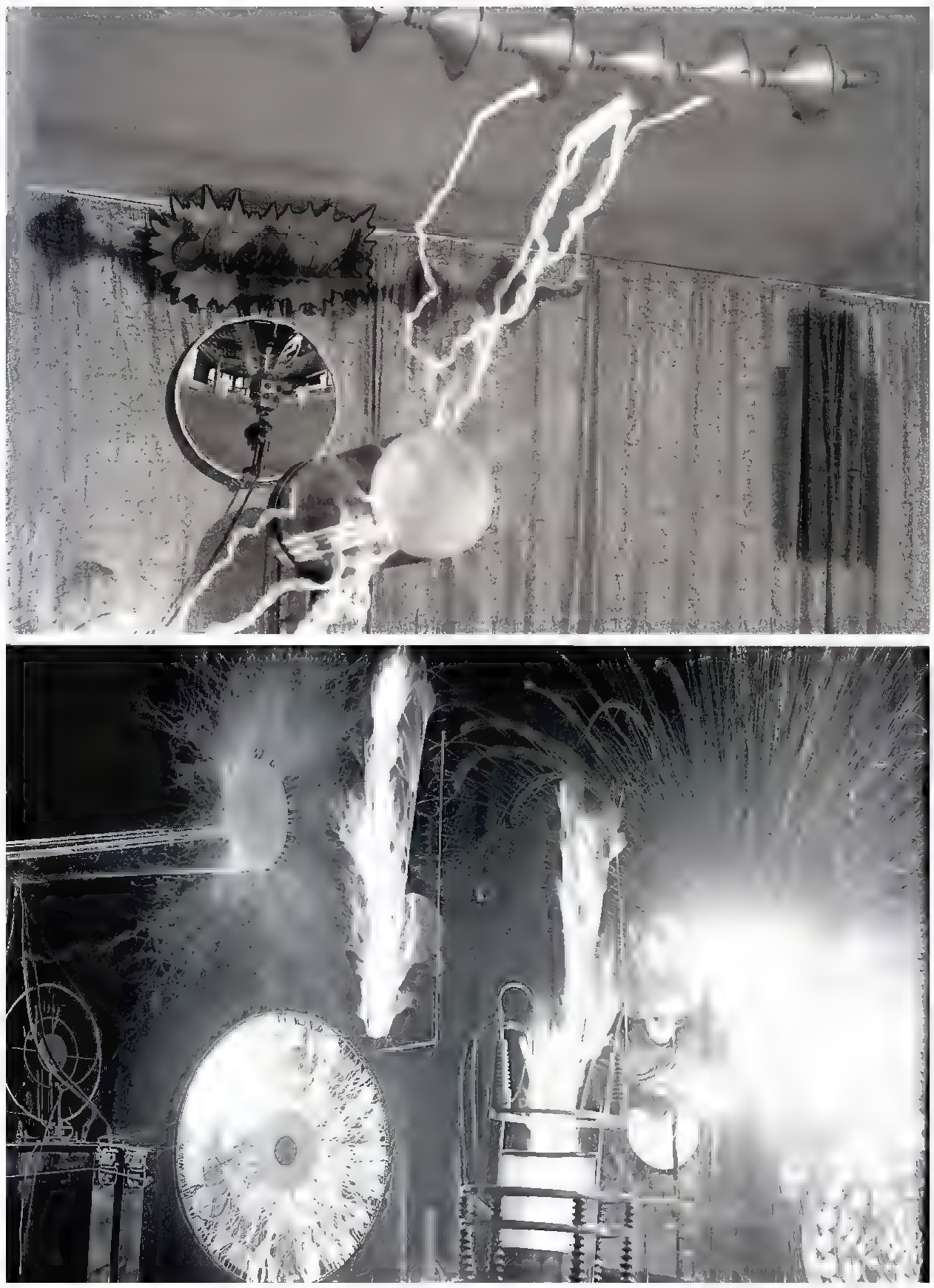


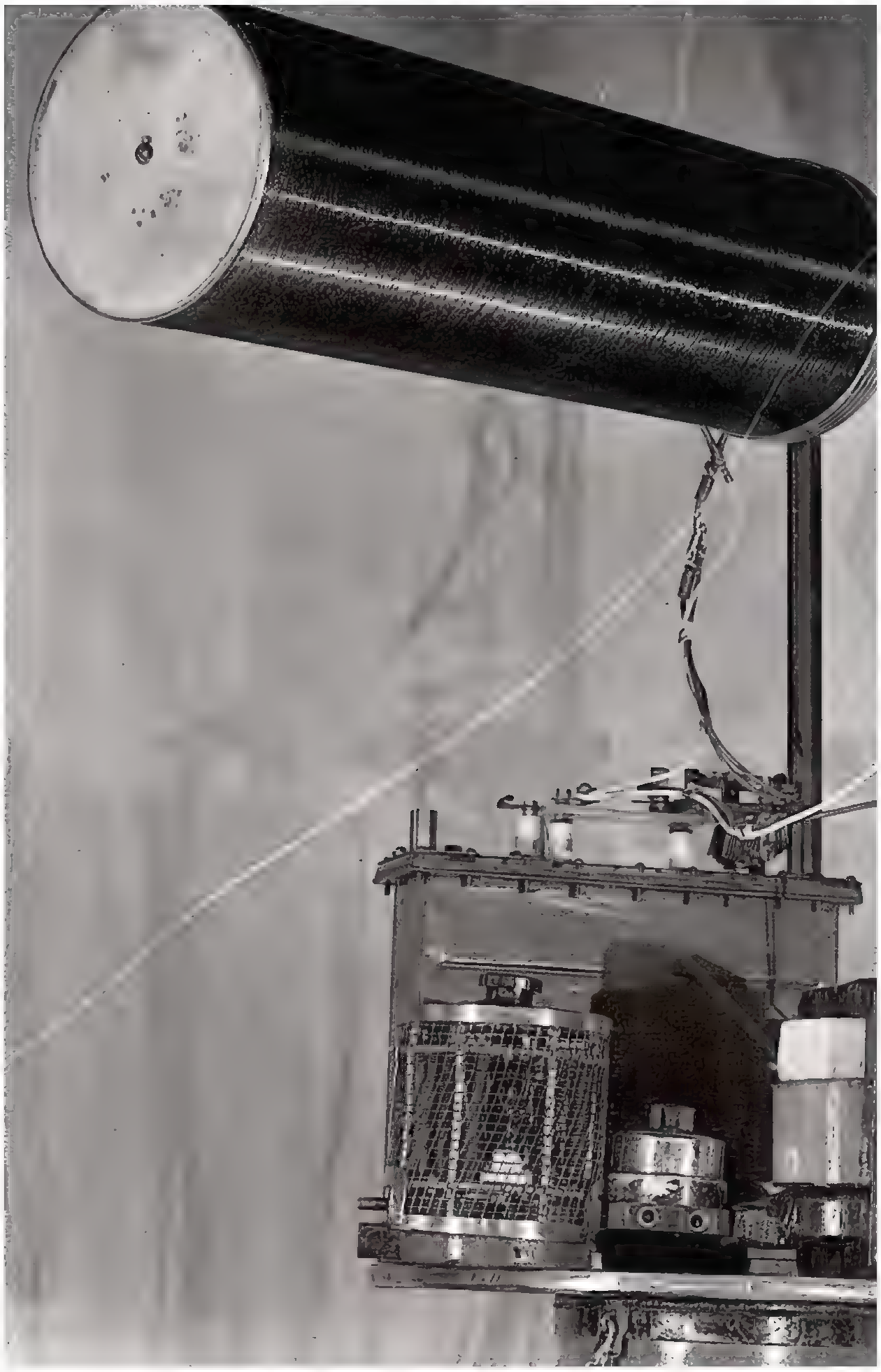


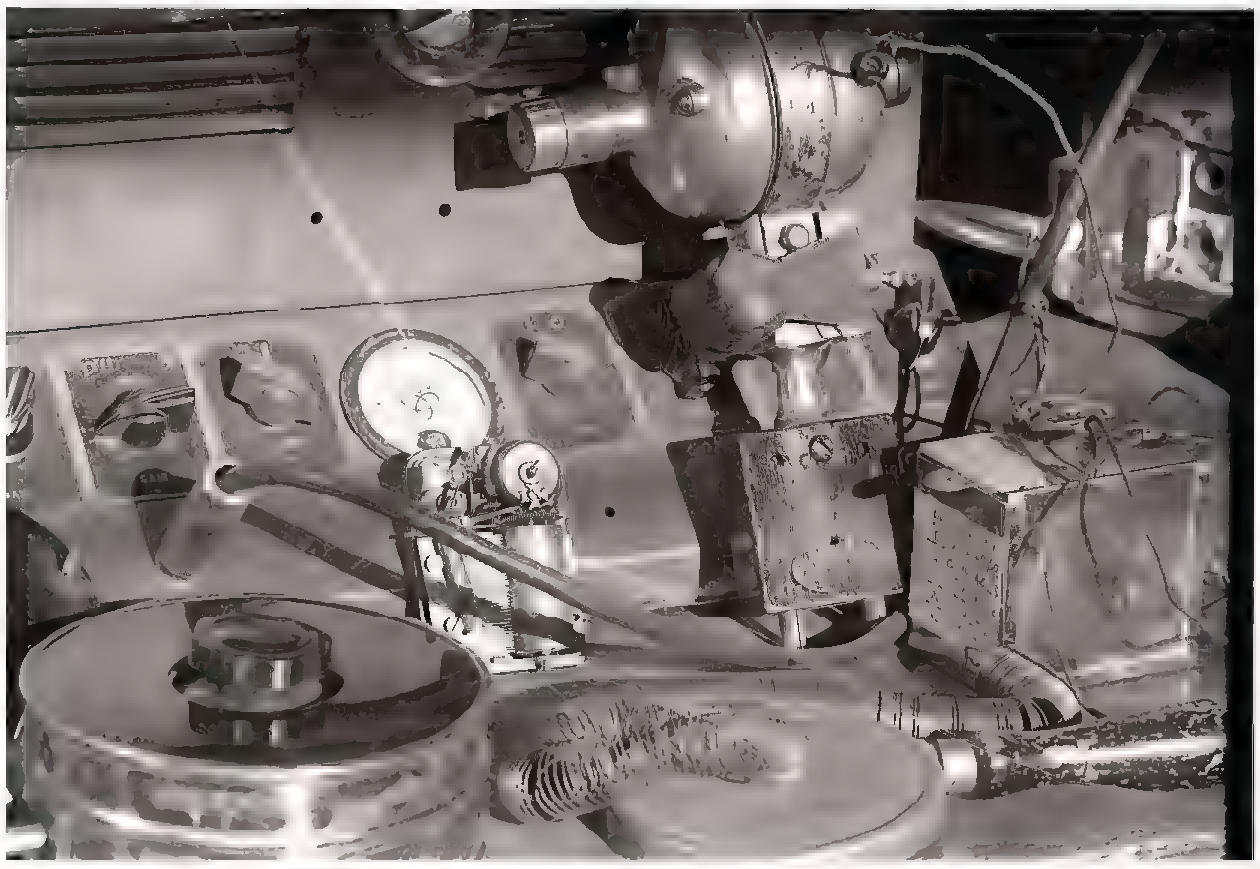


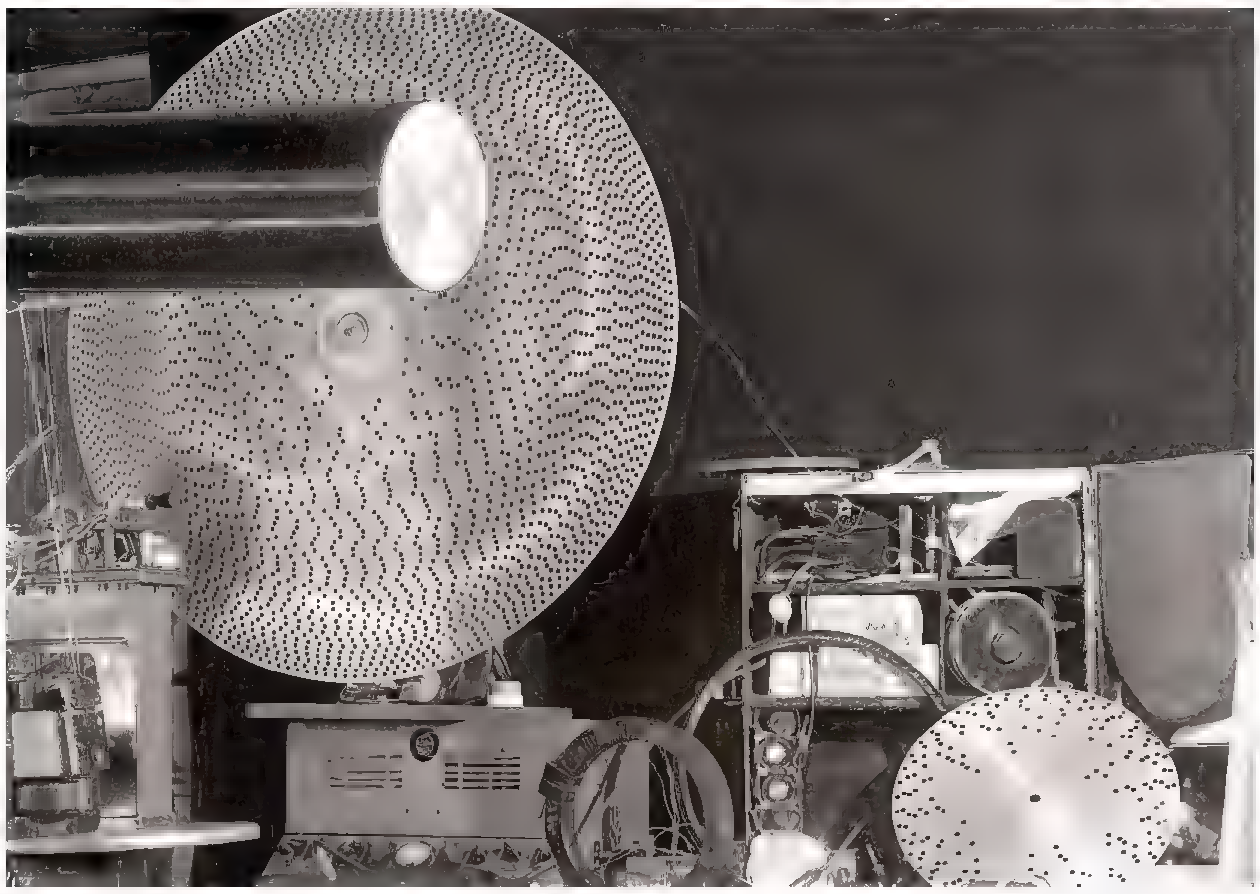






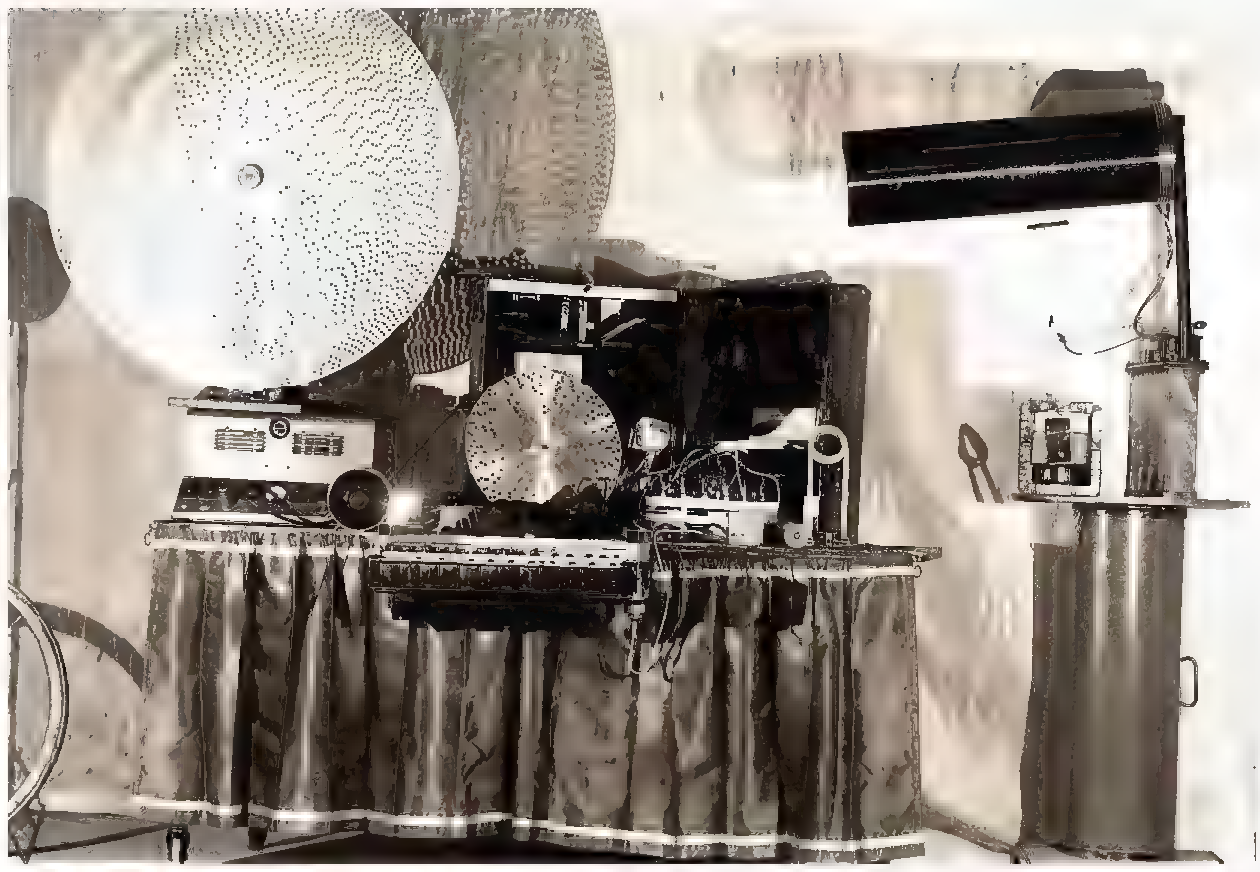


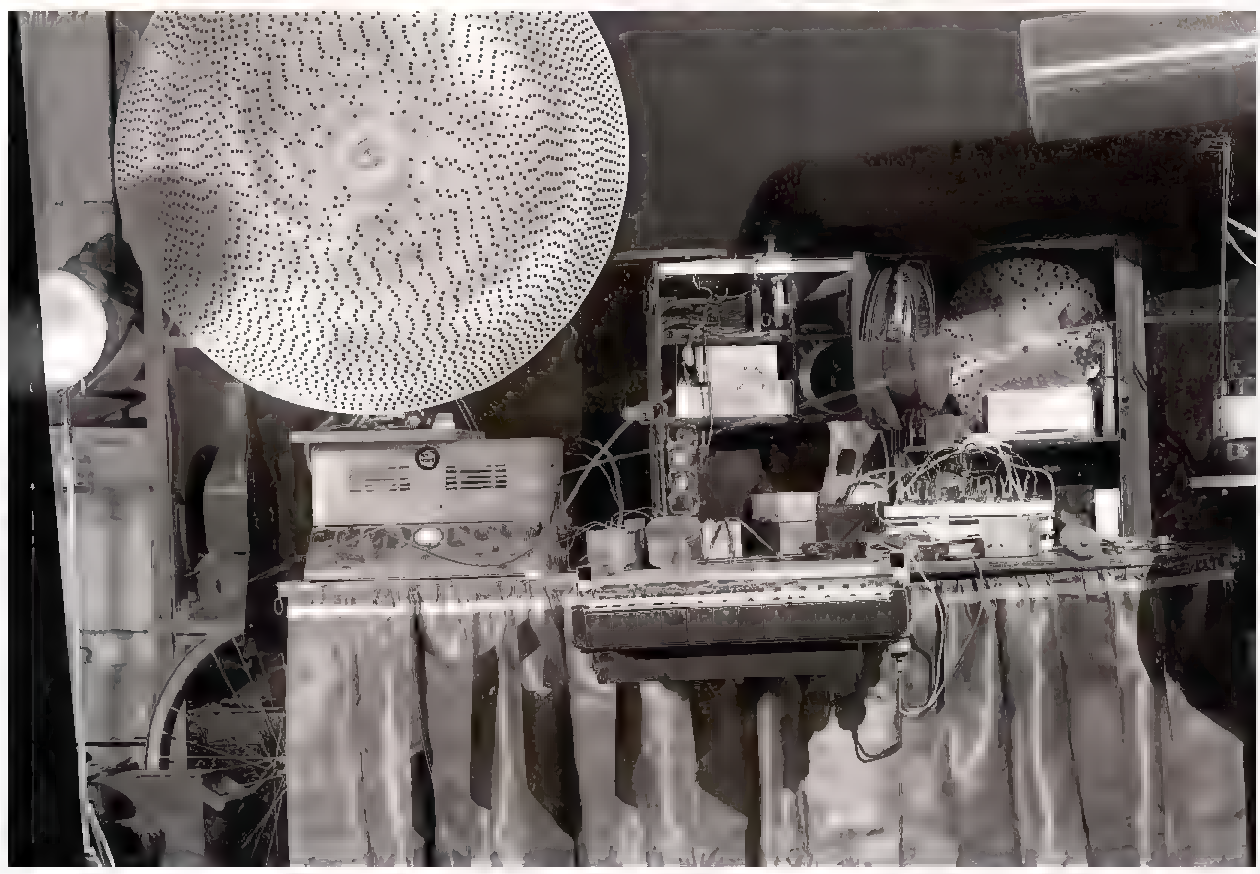




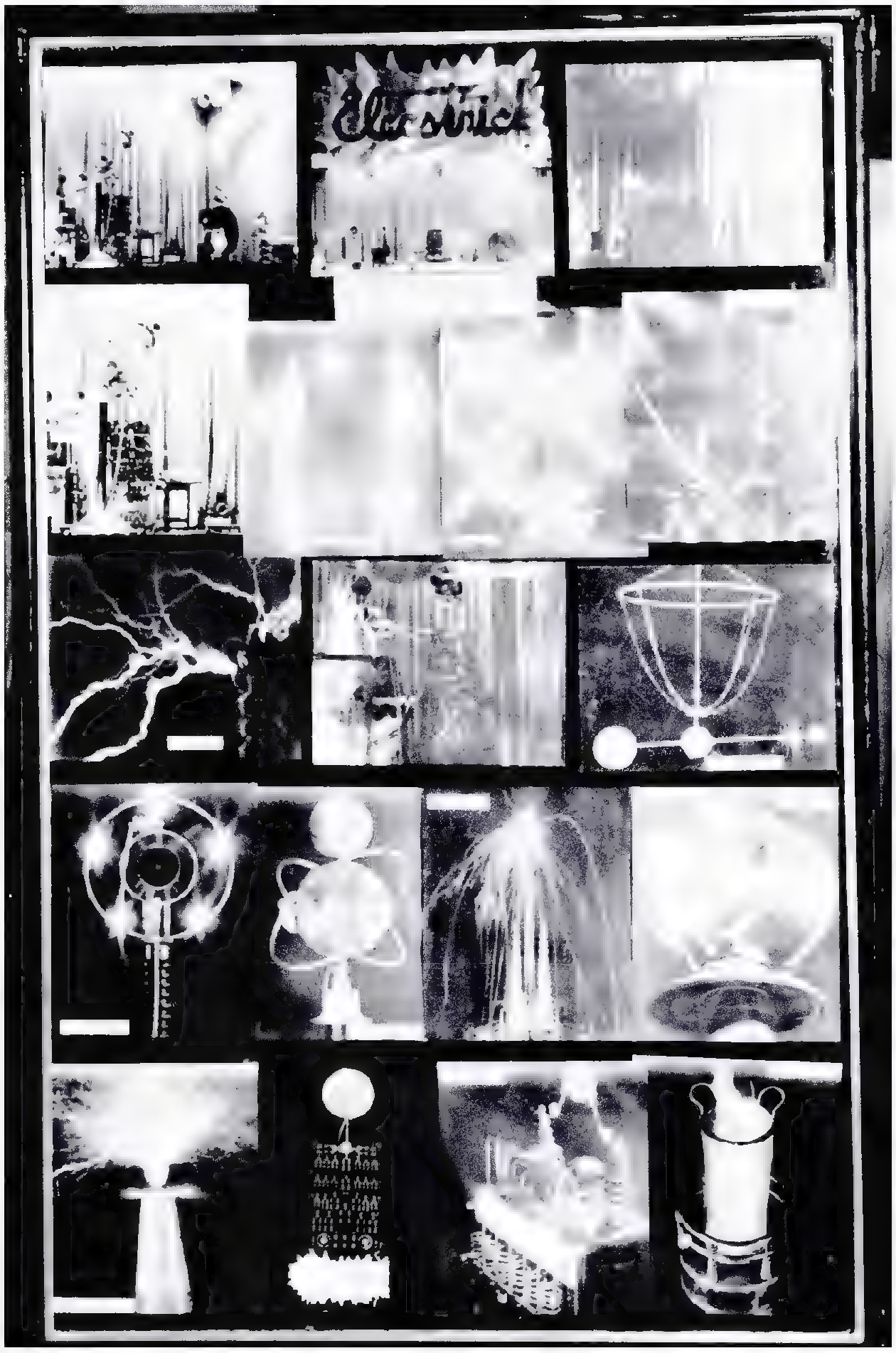


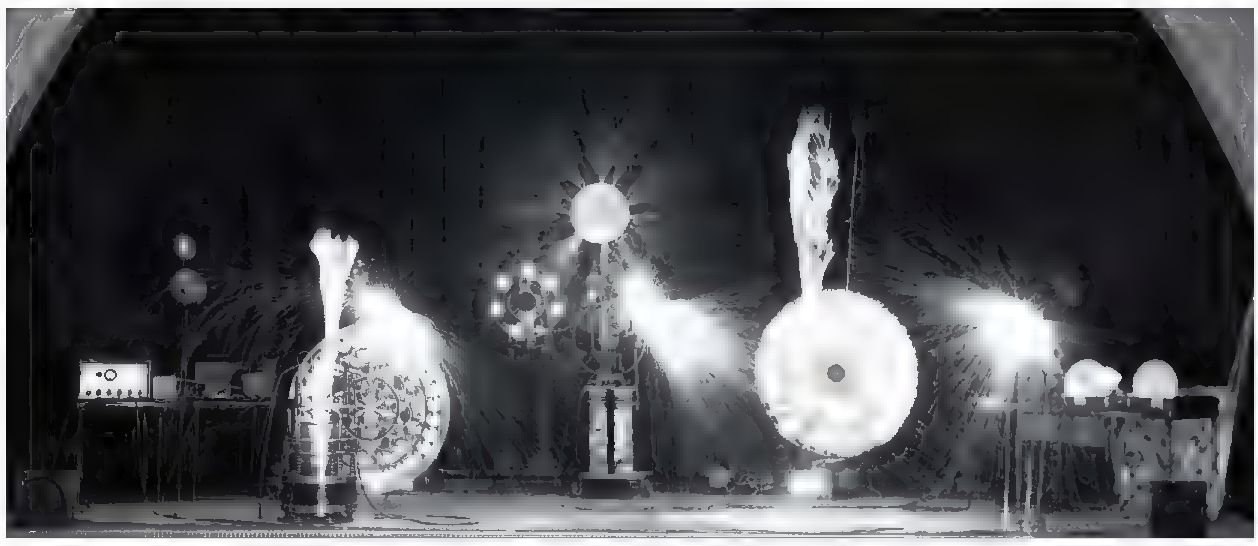




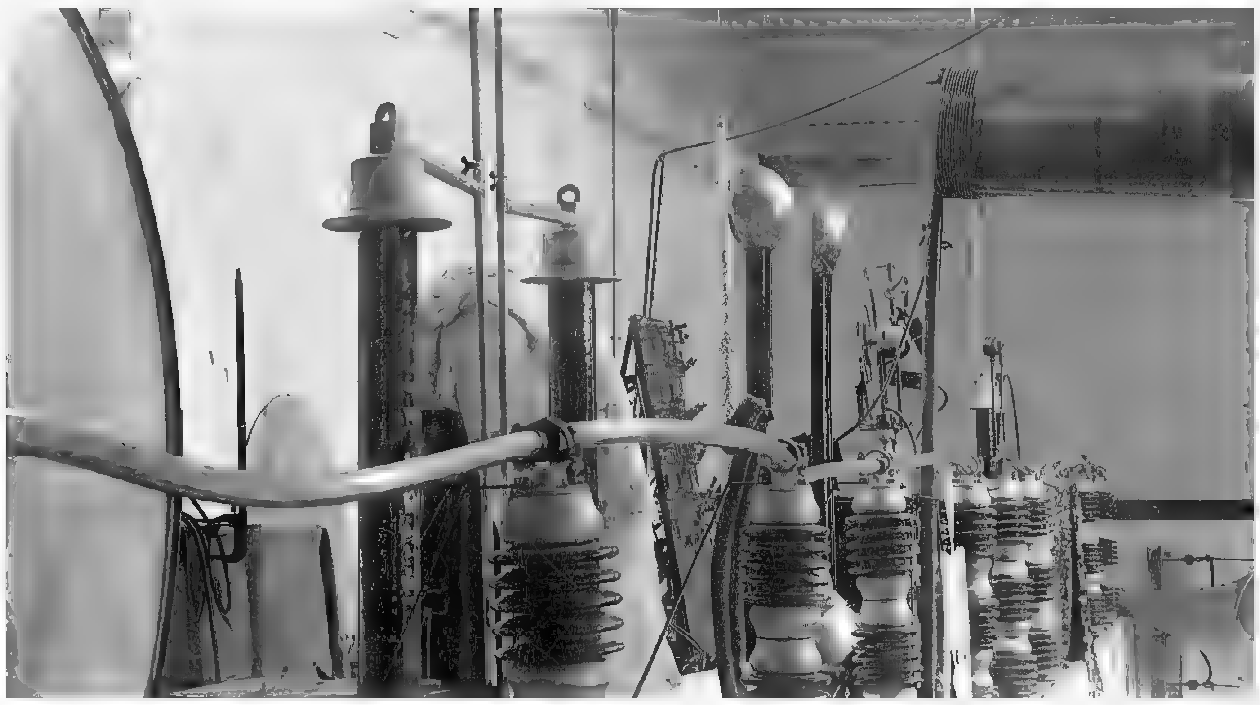


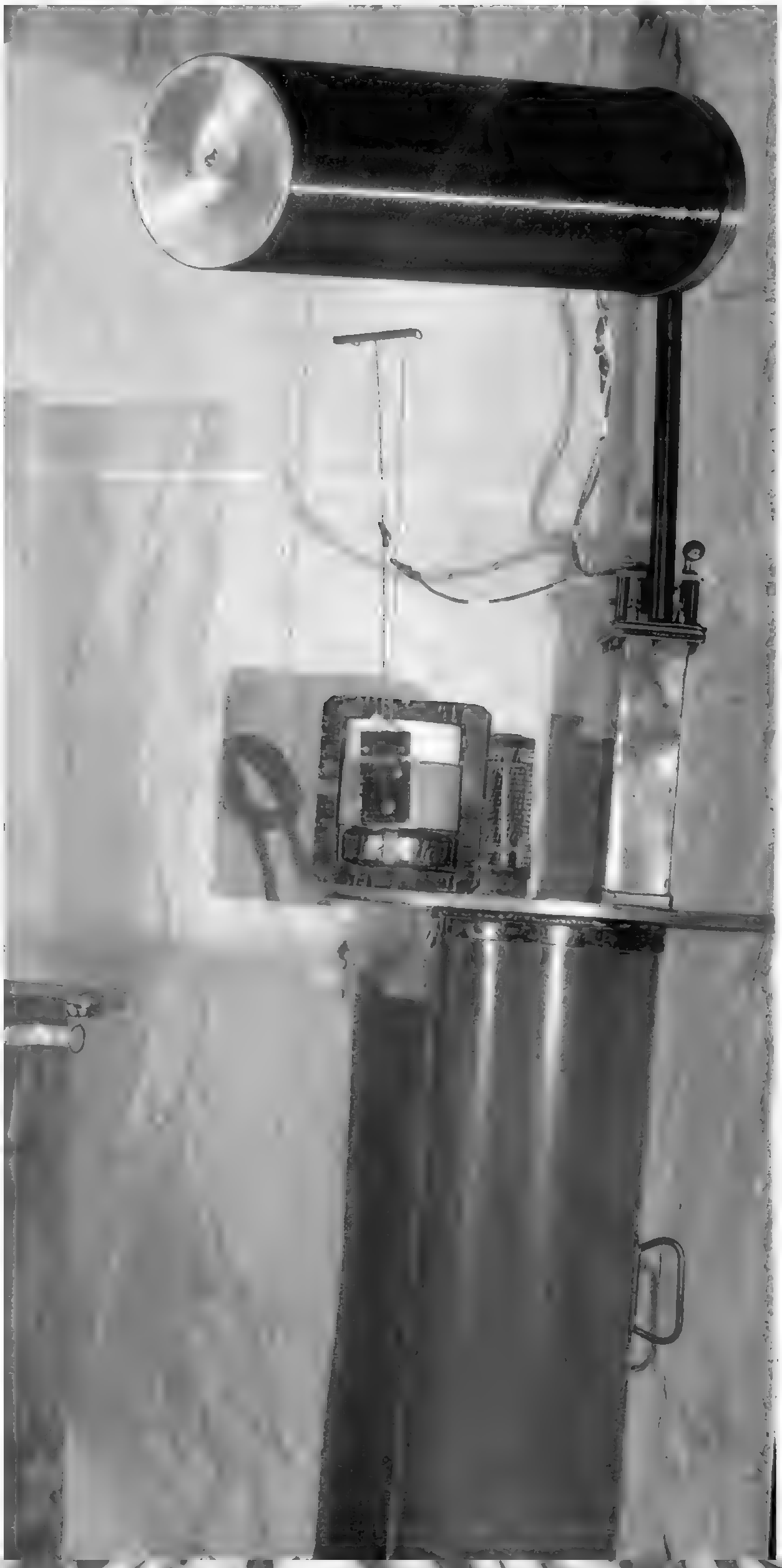


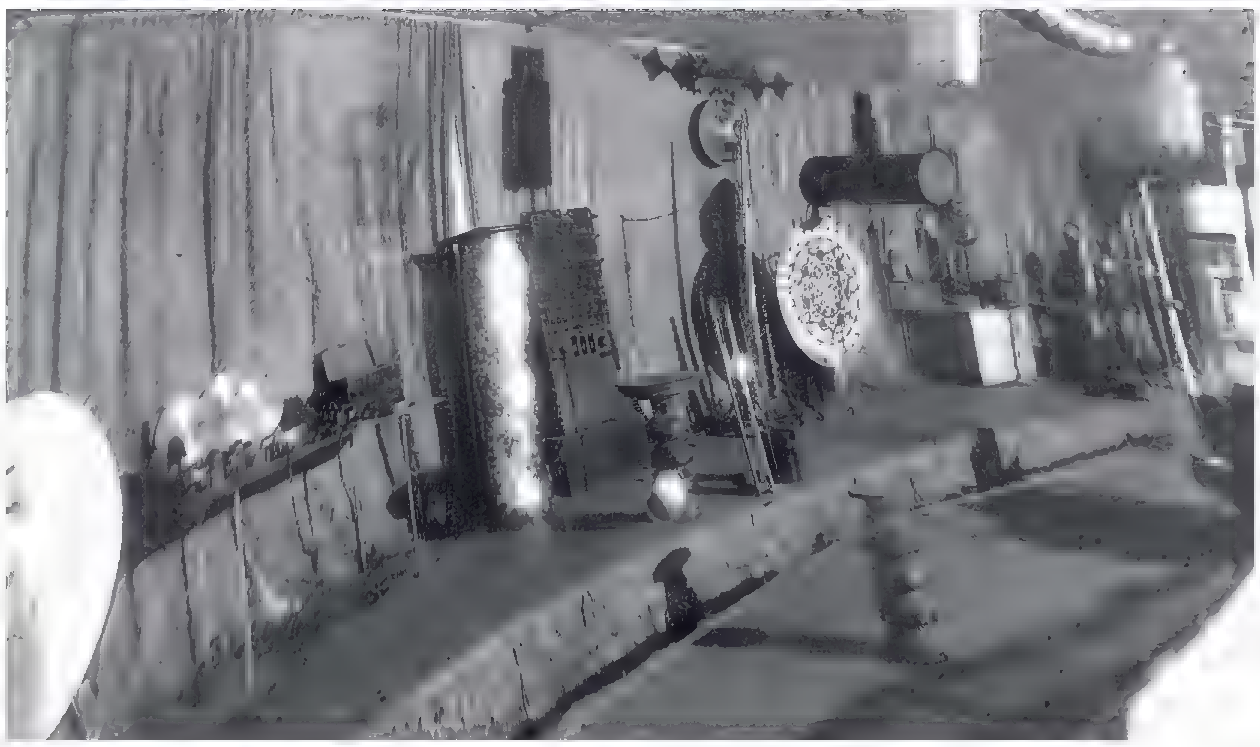

Electrick







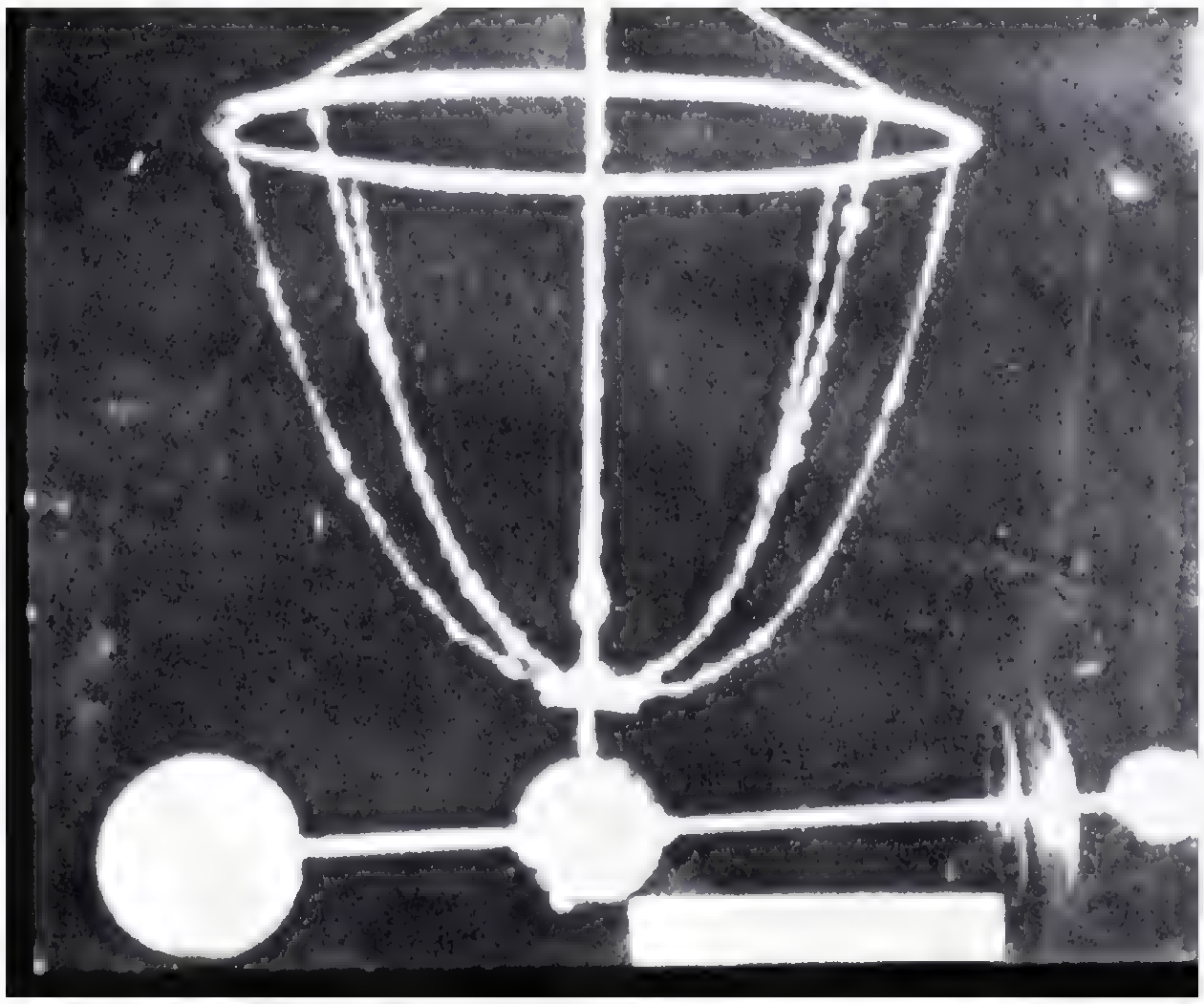


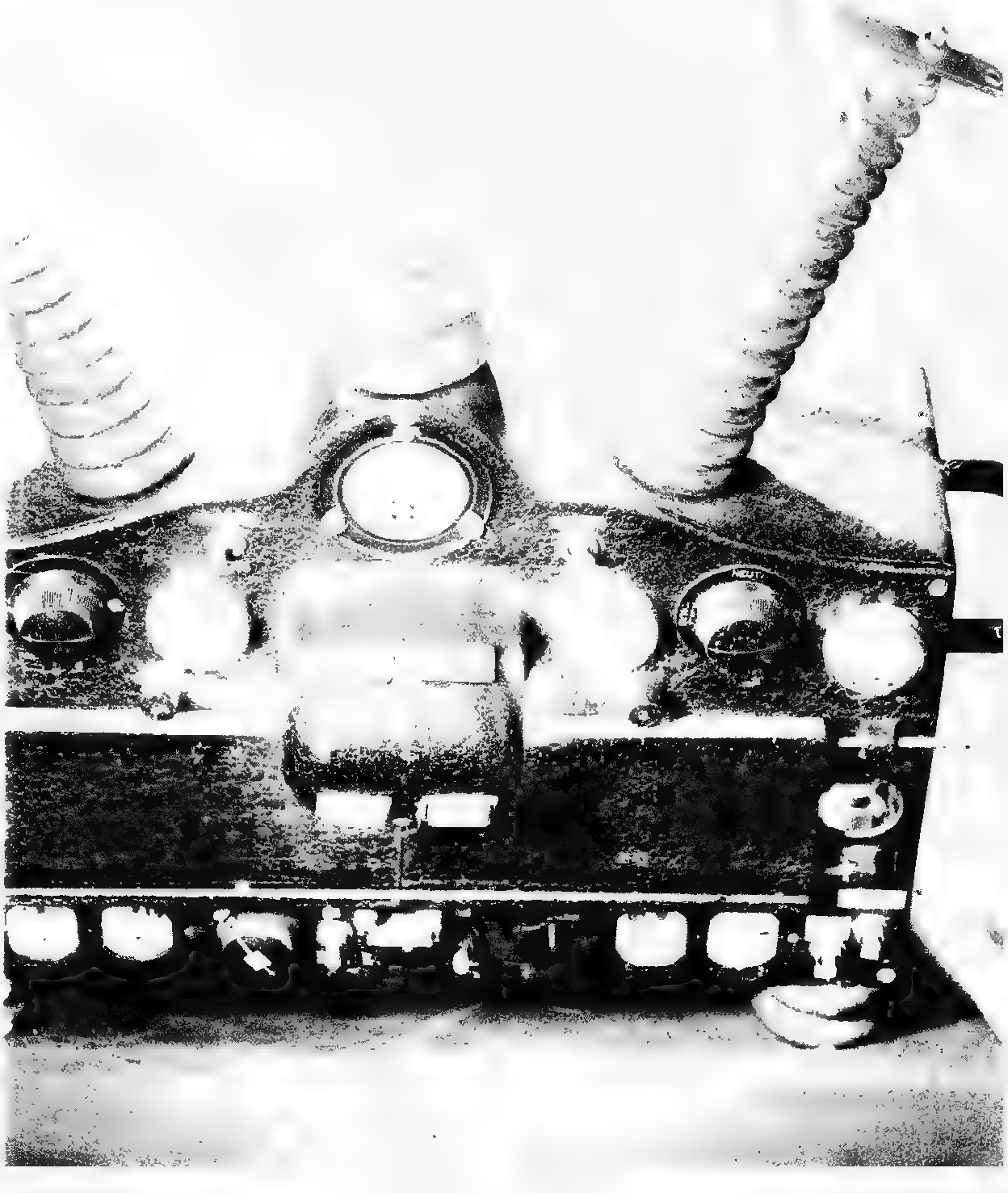


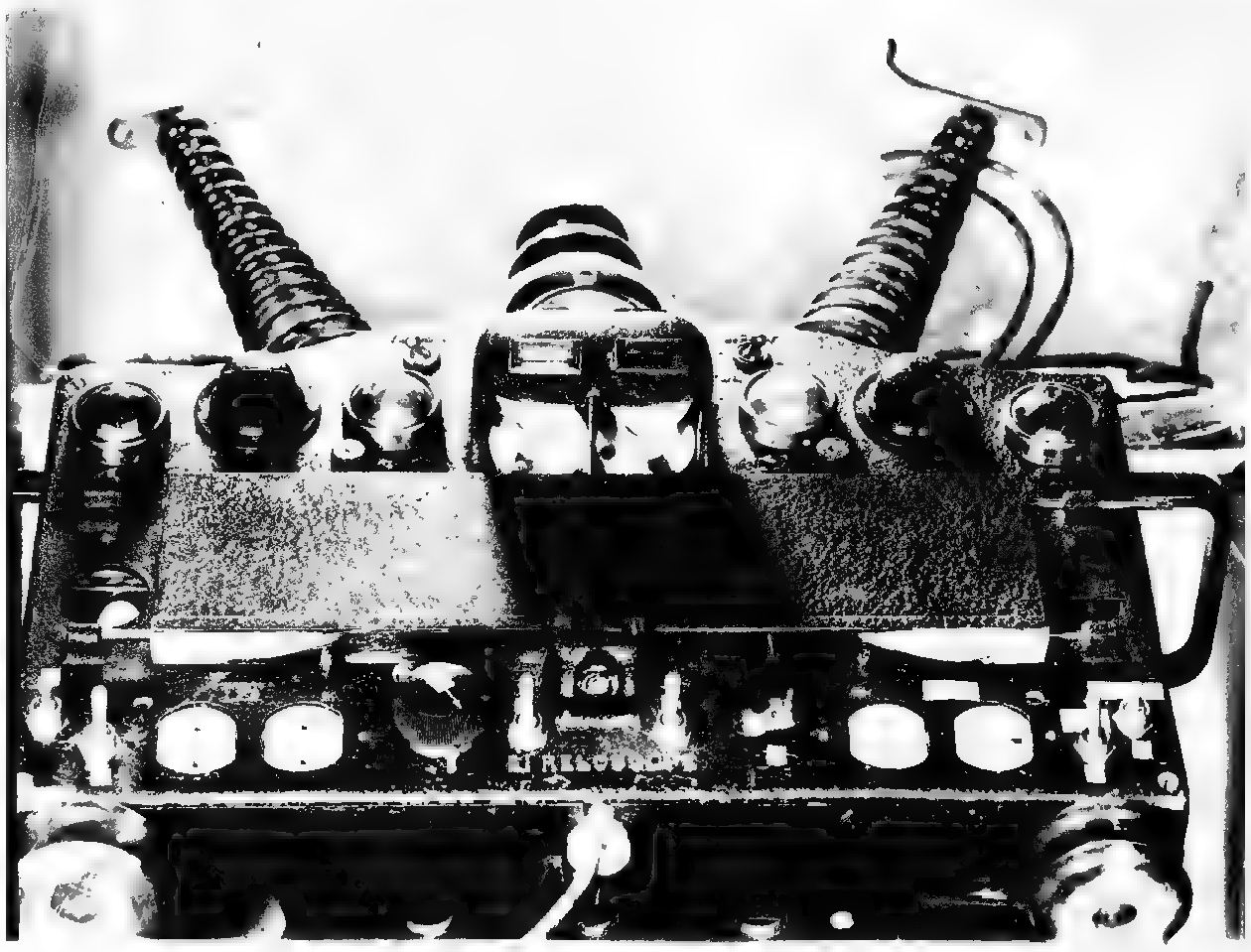





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its Betty



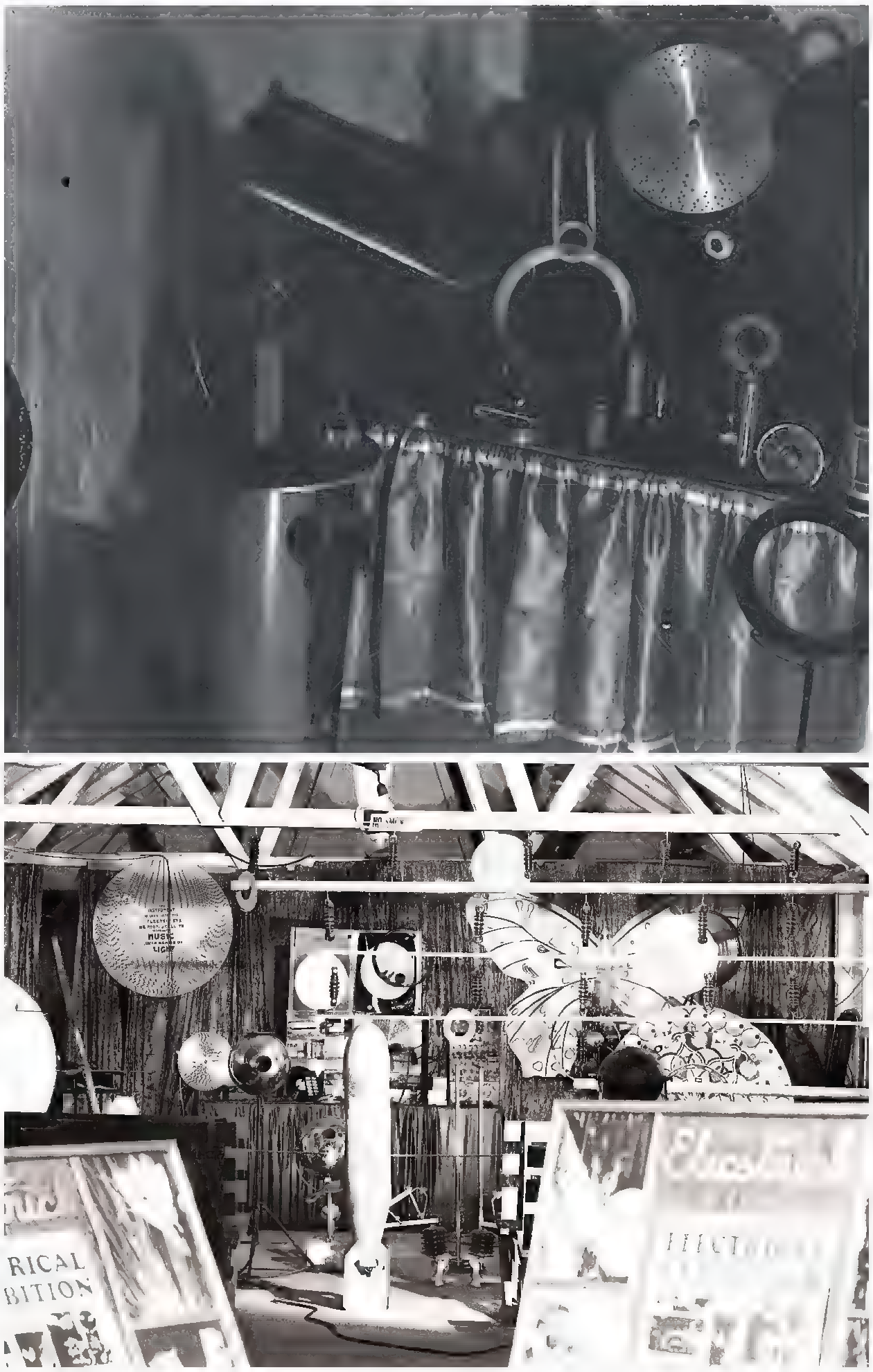


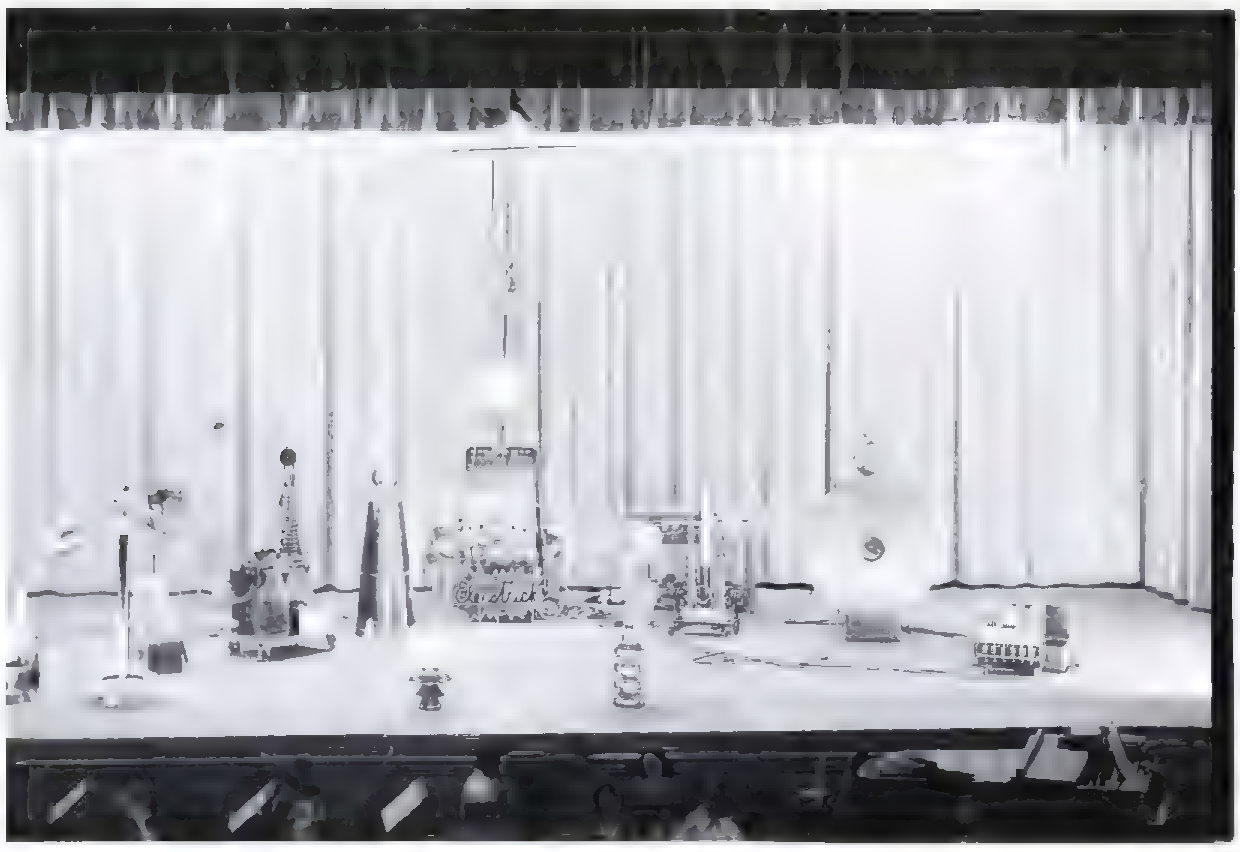




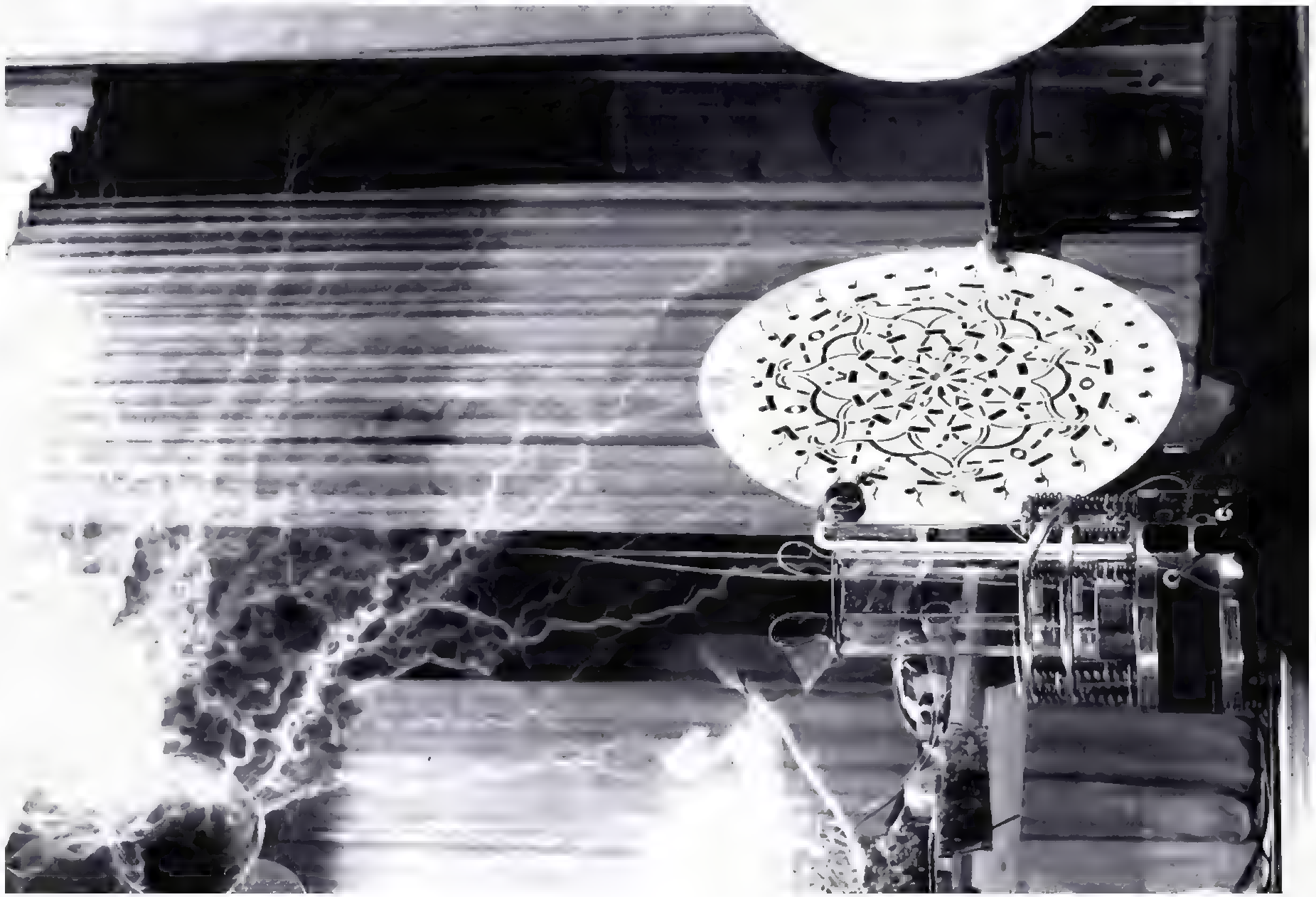


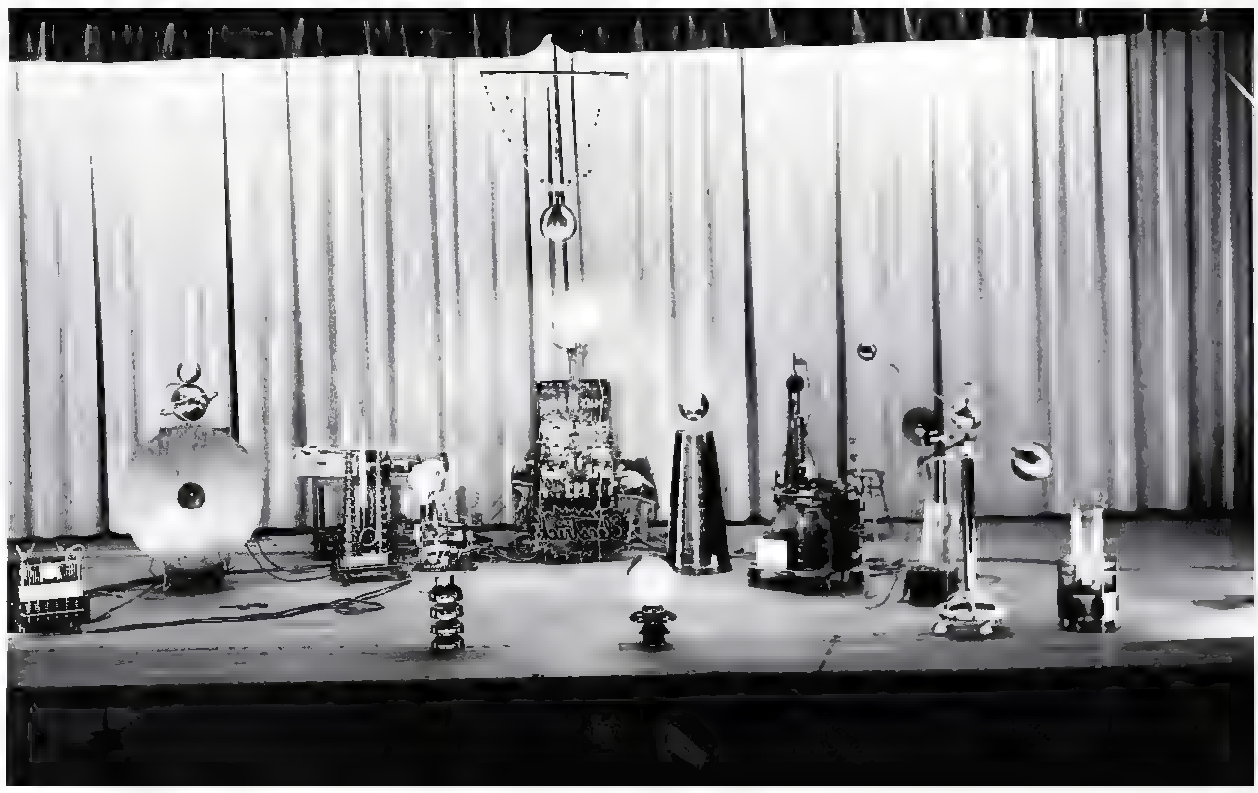



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BITION

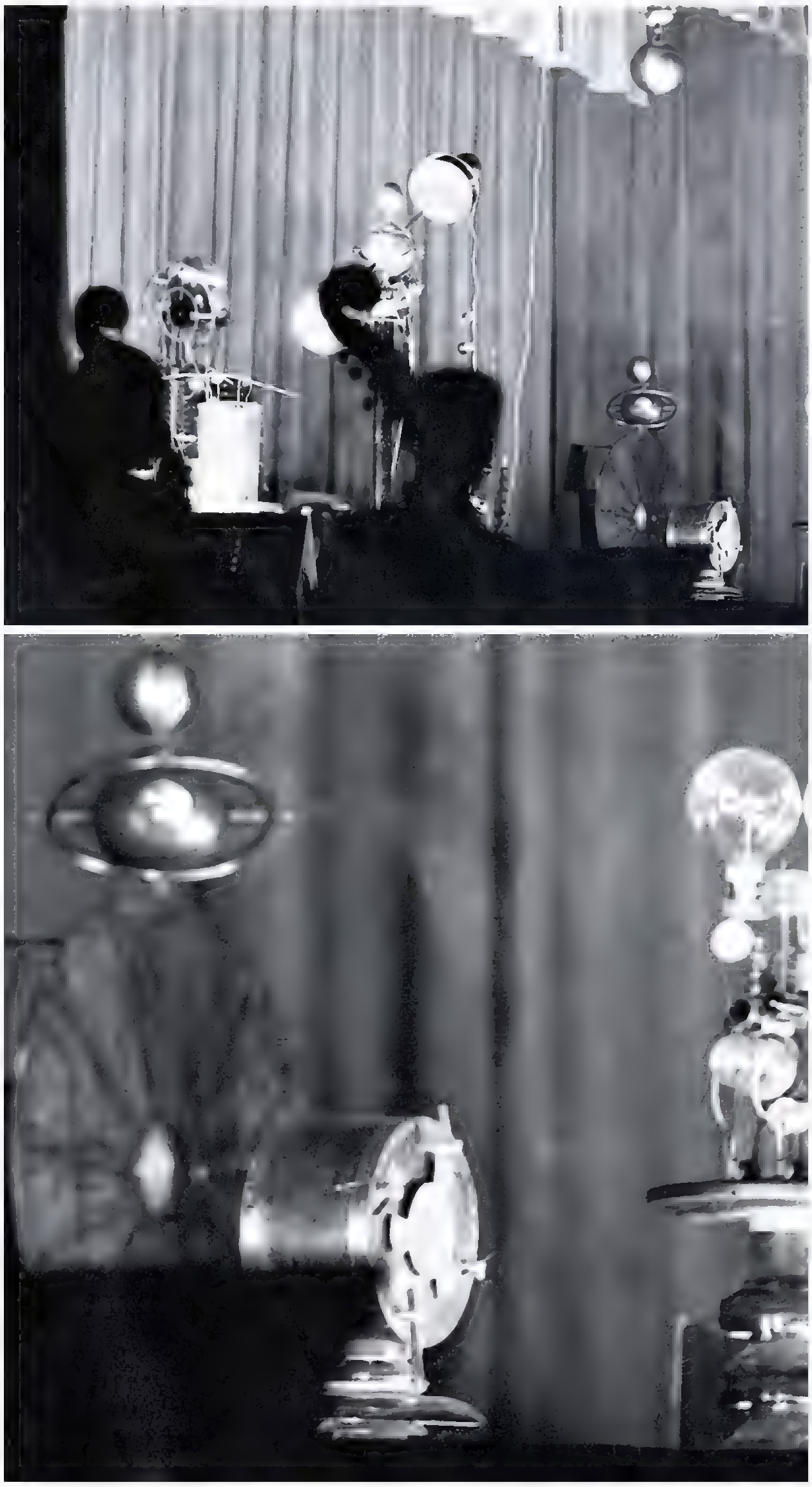






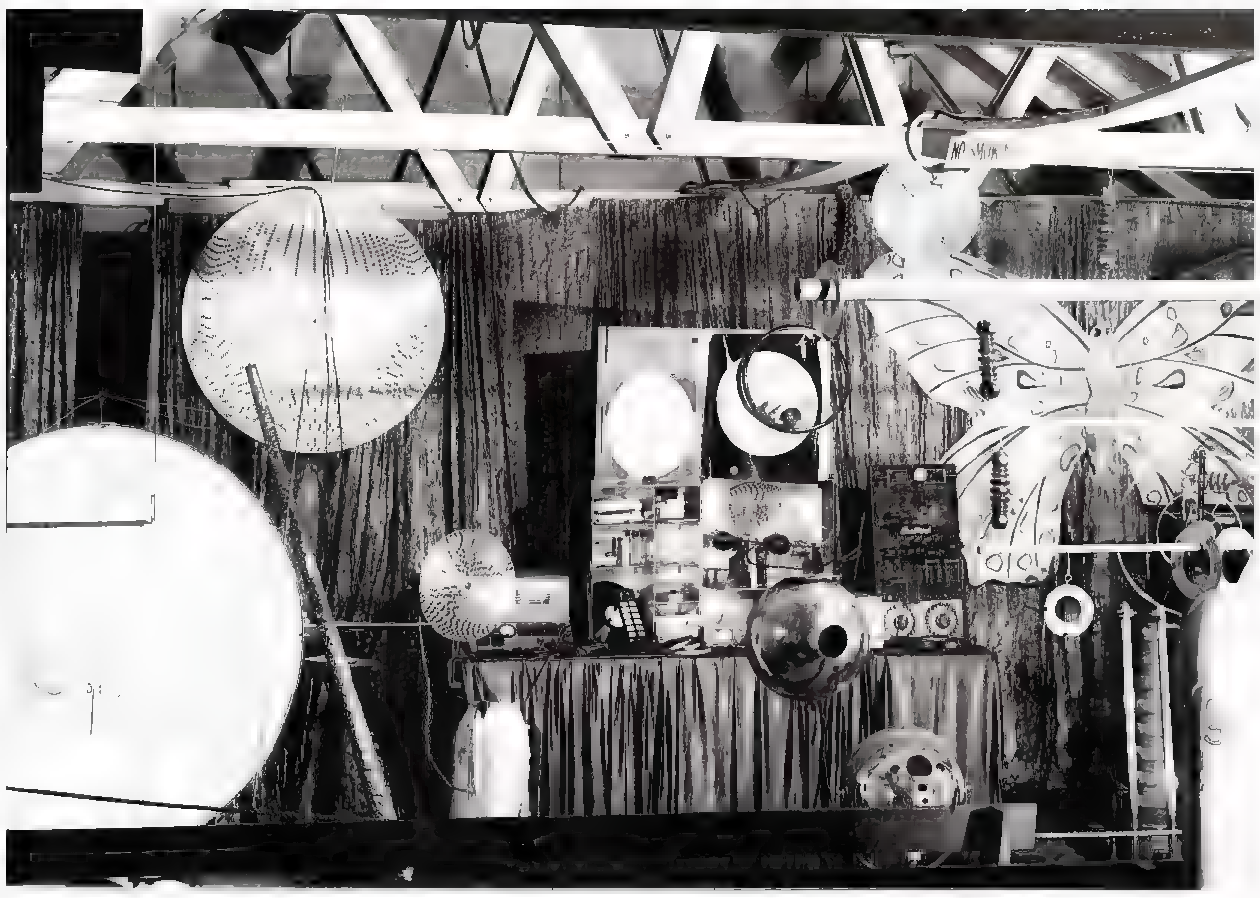


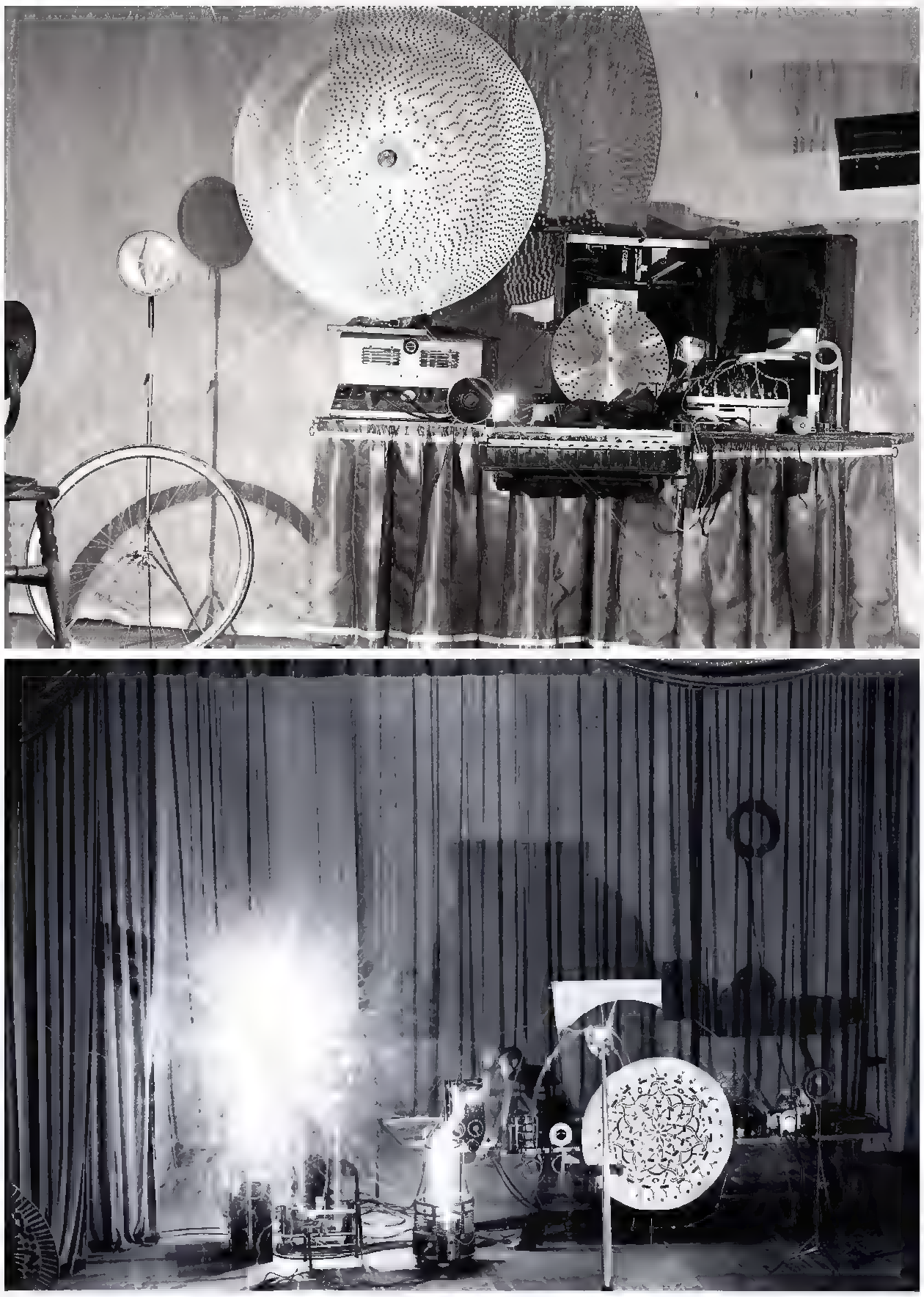




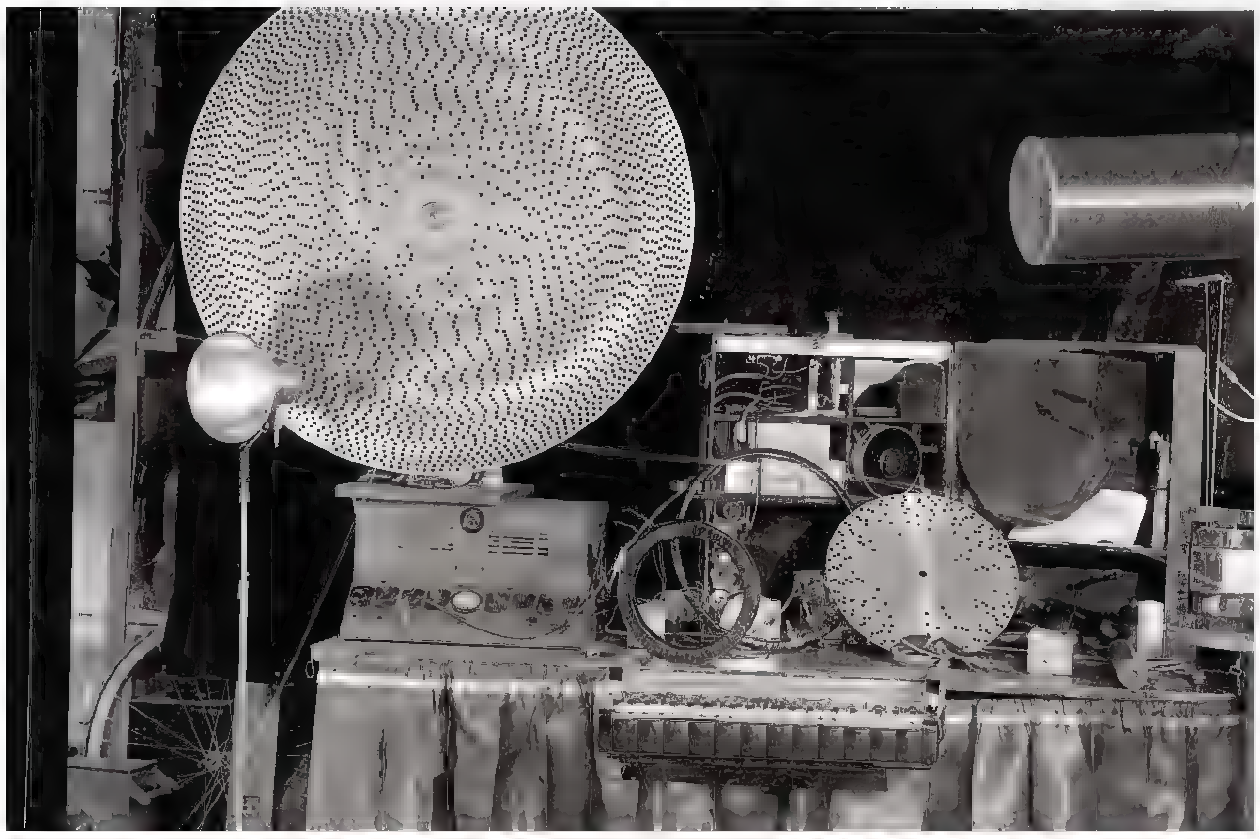


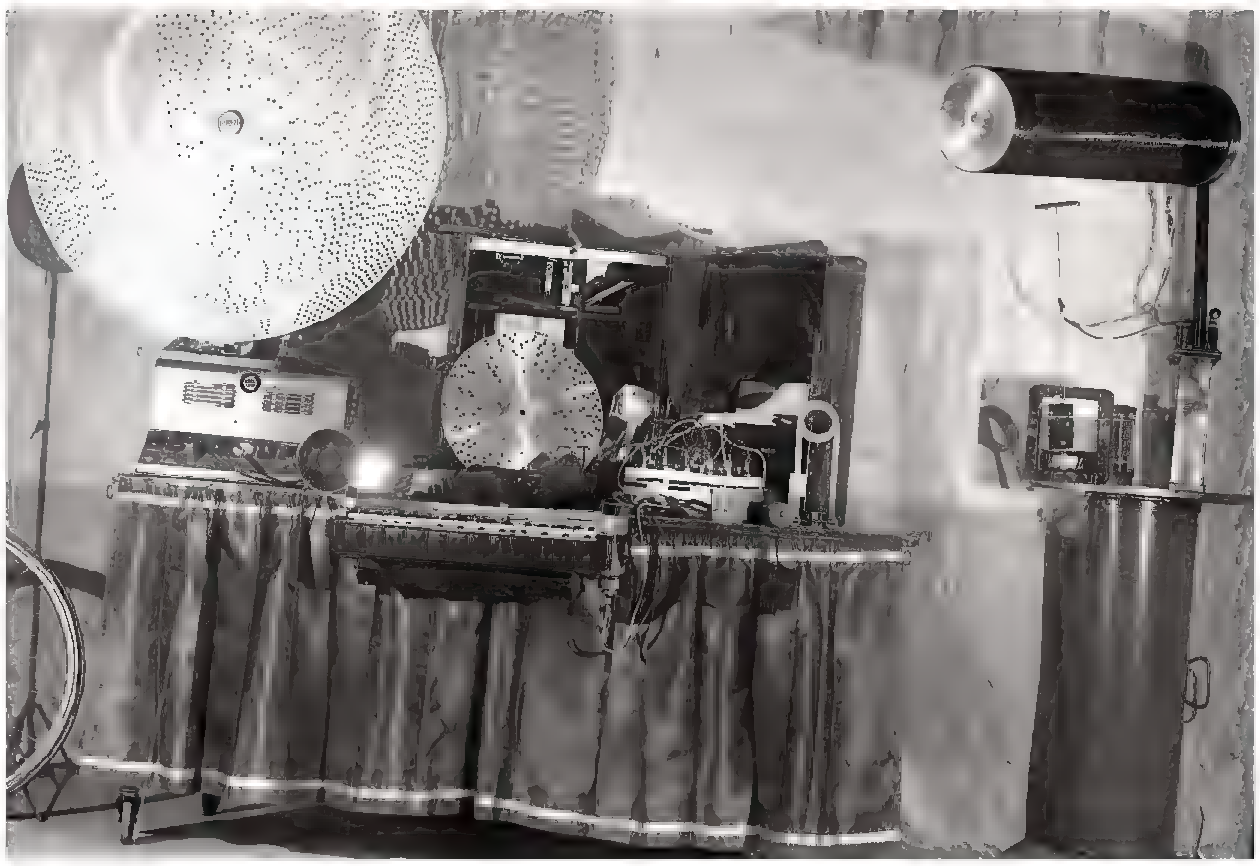




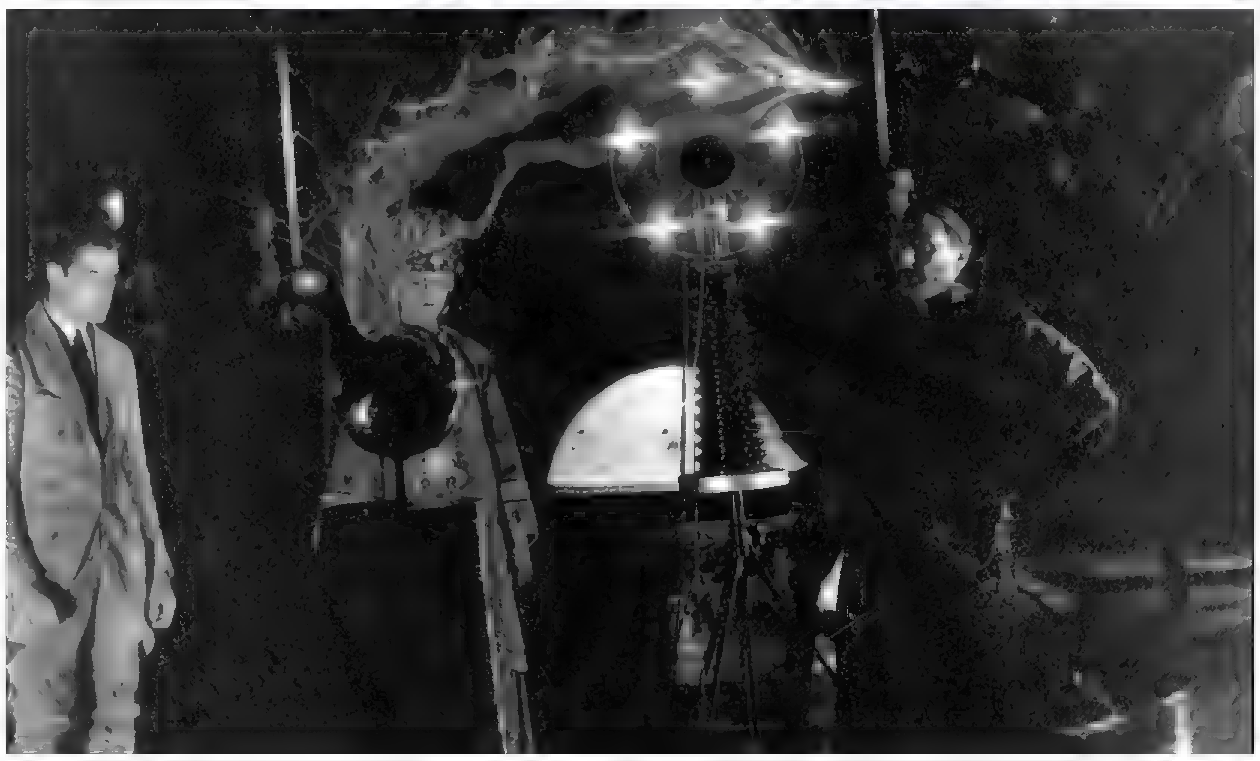














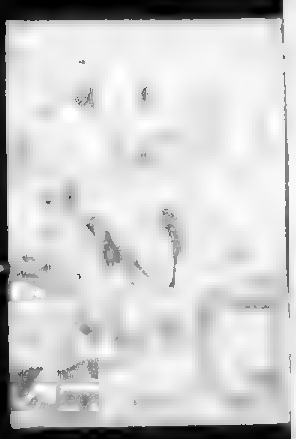


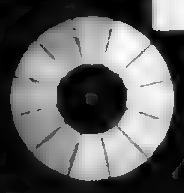
Elecstrick

A DEMONSTRATION OF
SPECTACULAR ELECTRICAL AND MUSICAL APPARATUS.
SCIENTIFIC PRINCIPLES PRESENTED IN AN
INTERESTING EDUCATIONAL ENTERTAINMENT.

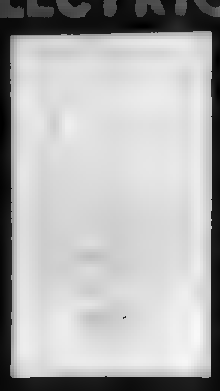


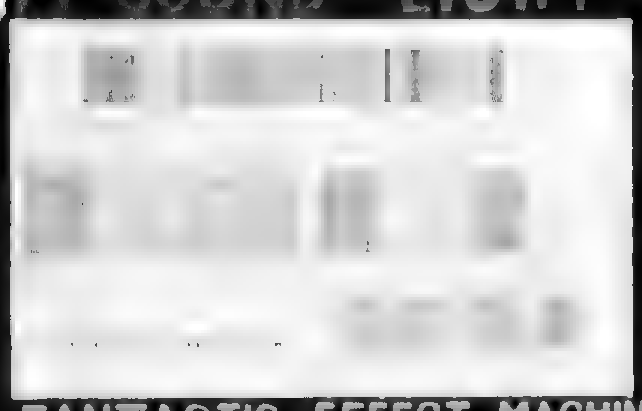
MUSIC FROM THE AIR.
BLACK LIGHT.
DEFYING GRAVITY.
BIG BERTHA MODEL
IN OPERATION.
AUDIBLE HEARTBEATS
METAL DISCS
FLOATING IN AIR.
SOUND MAGNIFICATION.
BURNING METALS.
PERPETUAL MOTION!
ENERGY TRANSMITTED
THRU SPACE.
ARTIFICIAL LIGHTNING.
MOVIE SOUND EFFECTS.
A MILLION VOLTS.
MUSIC OVER LIGHT BEAMS.
PHOTO-ELECTRIC AND
GASEOUS TUBE EFFCTS.

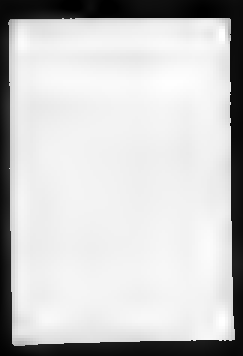




ELECTRICITY-SOUND-LIGHT-COLOR





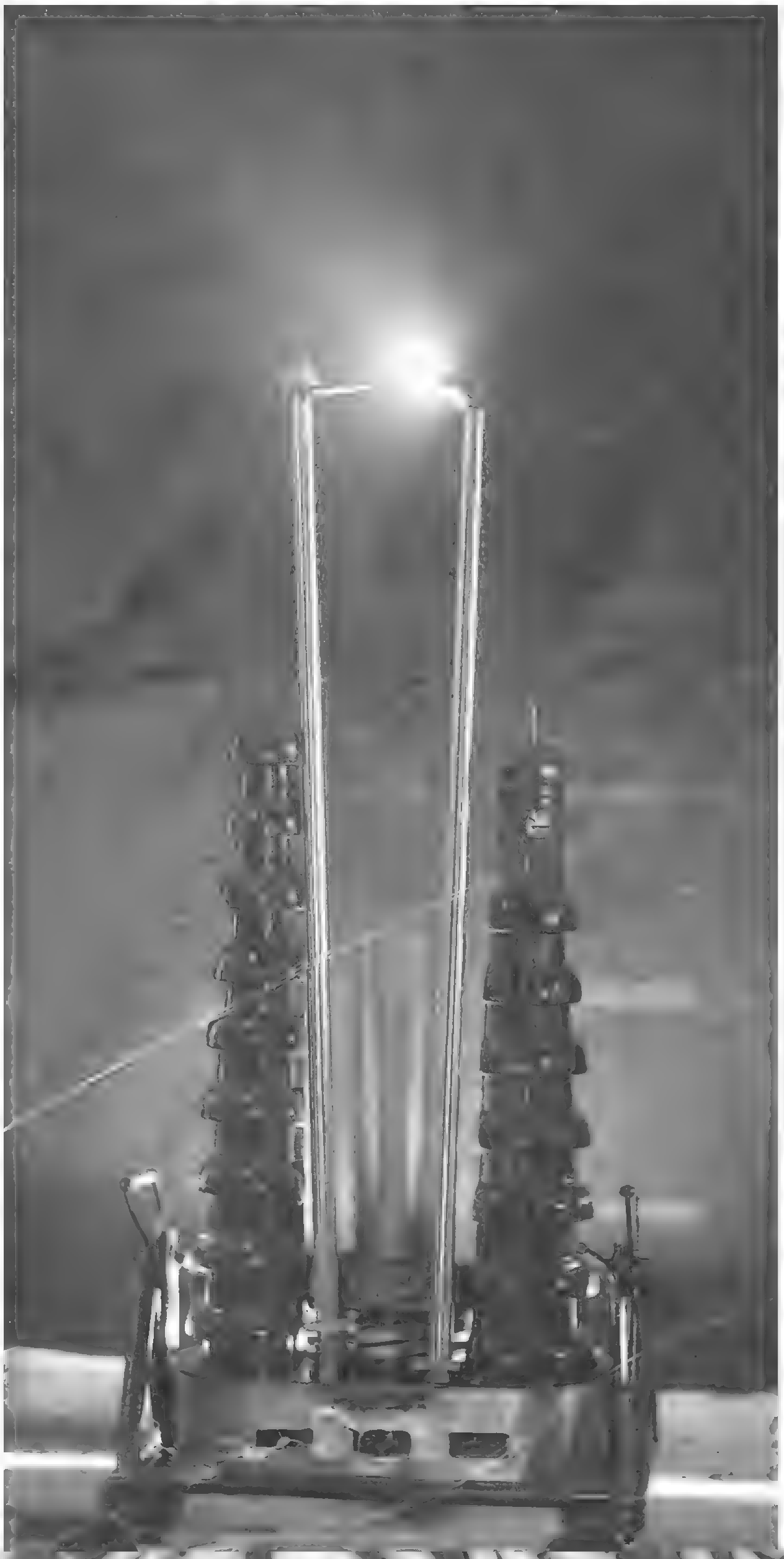


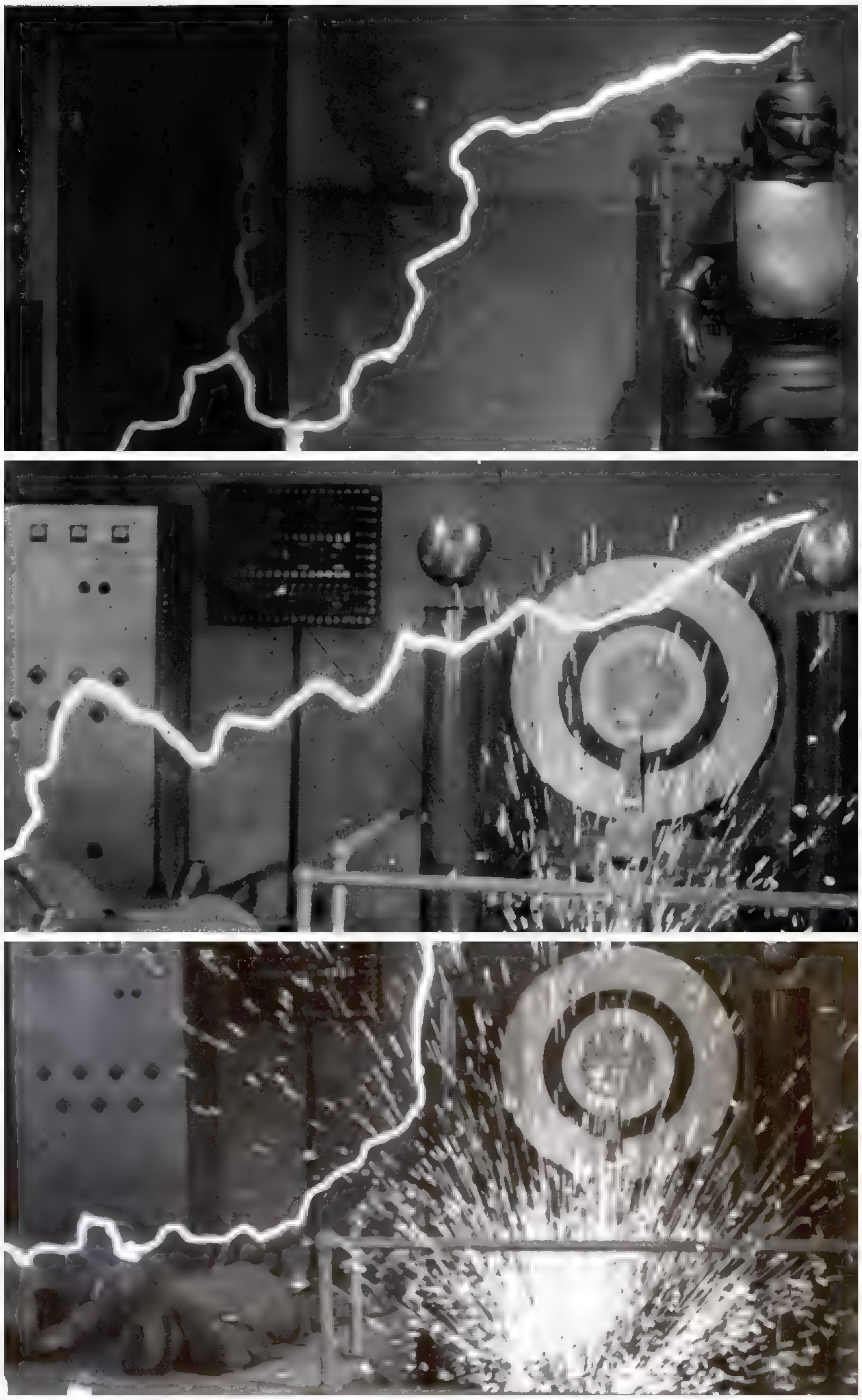
FEATURING FANTASTIC EFFECT MACHINES SUCH AS
ALPHA-GAMMA CONVERTER. HARMONEYE.
COSMIC-RAY DIFFUSER. PROTON SELECTOR.
WHICH WERE USED TO PRODUCE EFFECTS IN
FRANKENSTEIN. SIX HOURS TO LIVE. FOLLIES.
MYSTERY LINER. DR. FU MANCHU. DOCTORS' WIVES.
SHERLOCK HOLMES. DR. X. JUST IMAGINE.
CHANDU. VANISHING SHADOW AND OTHERS.
SCIENCE ON PARADE

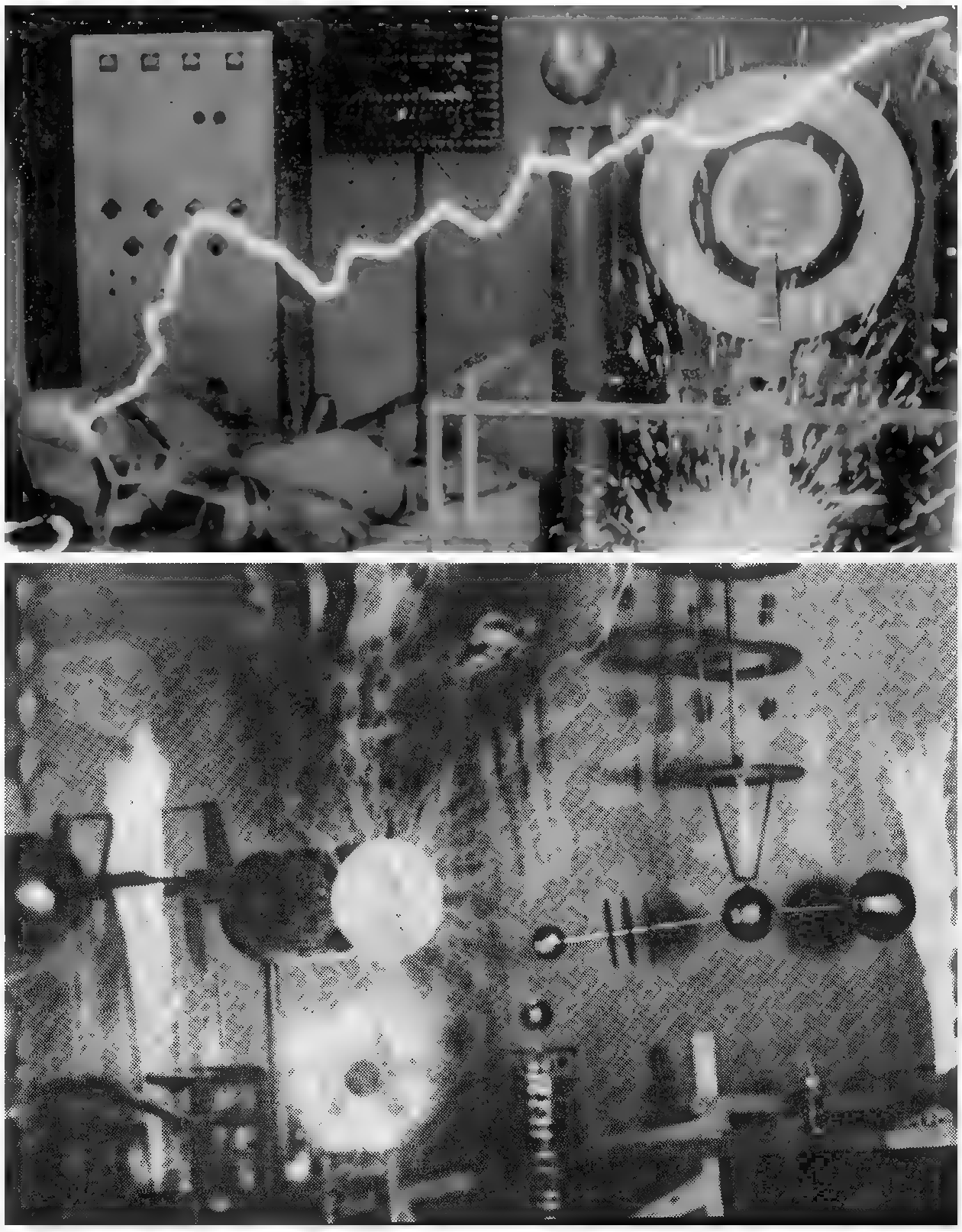




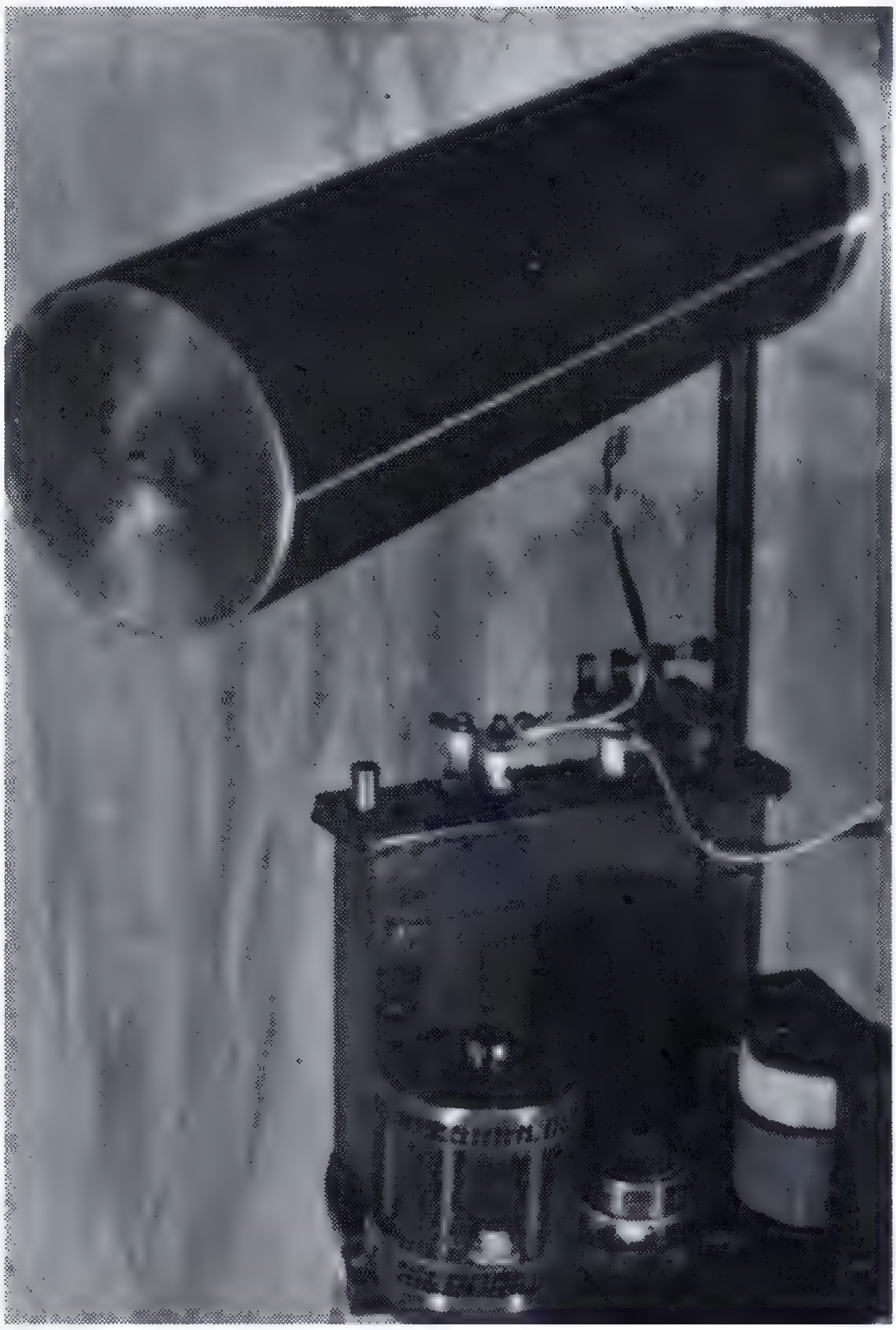






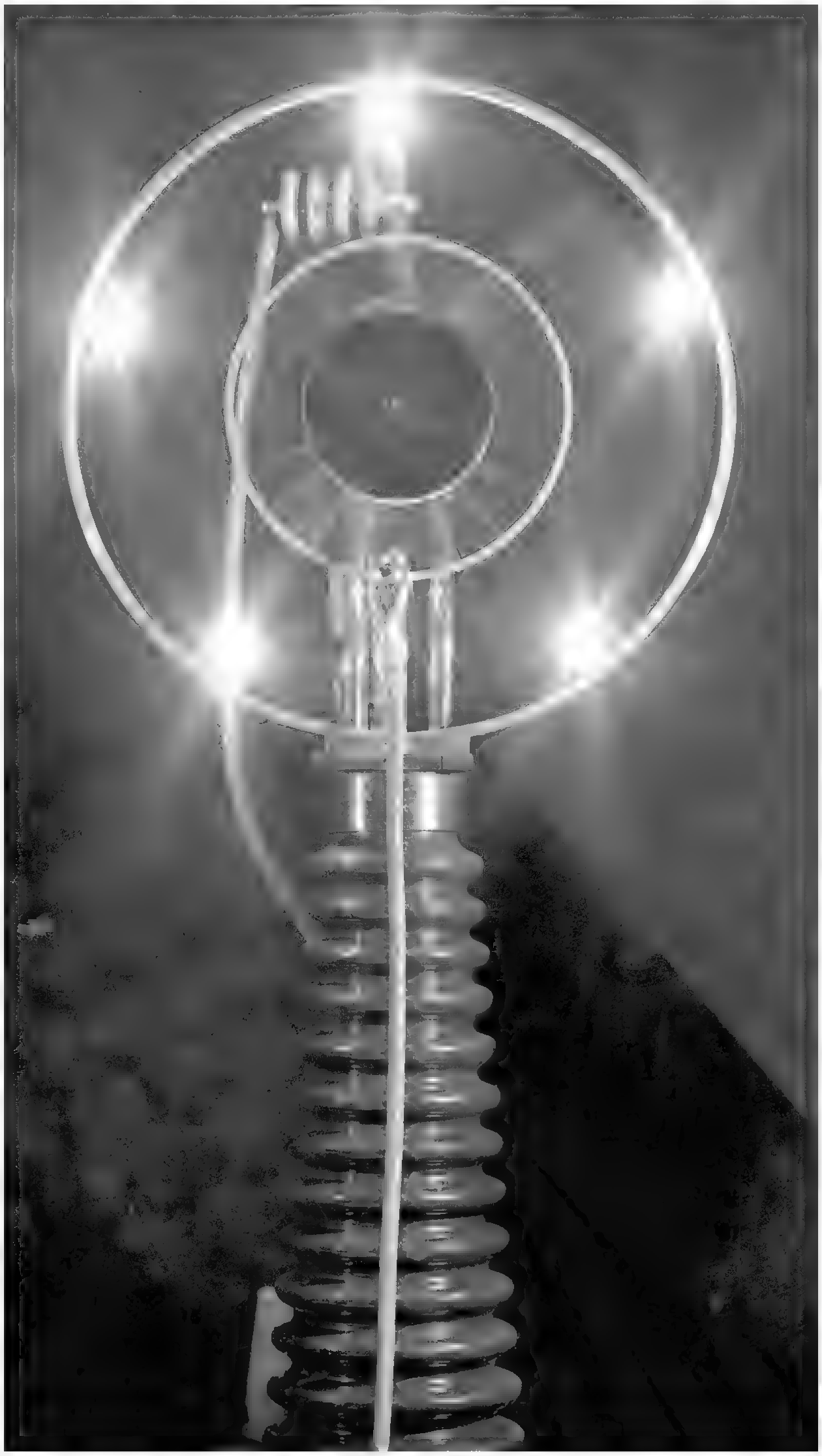




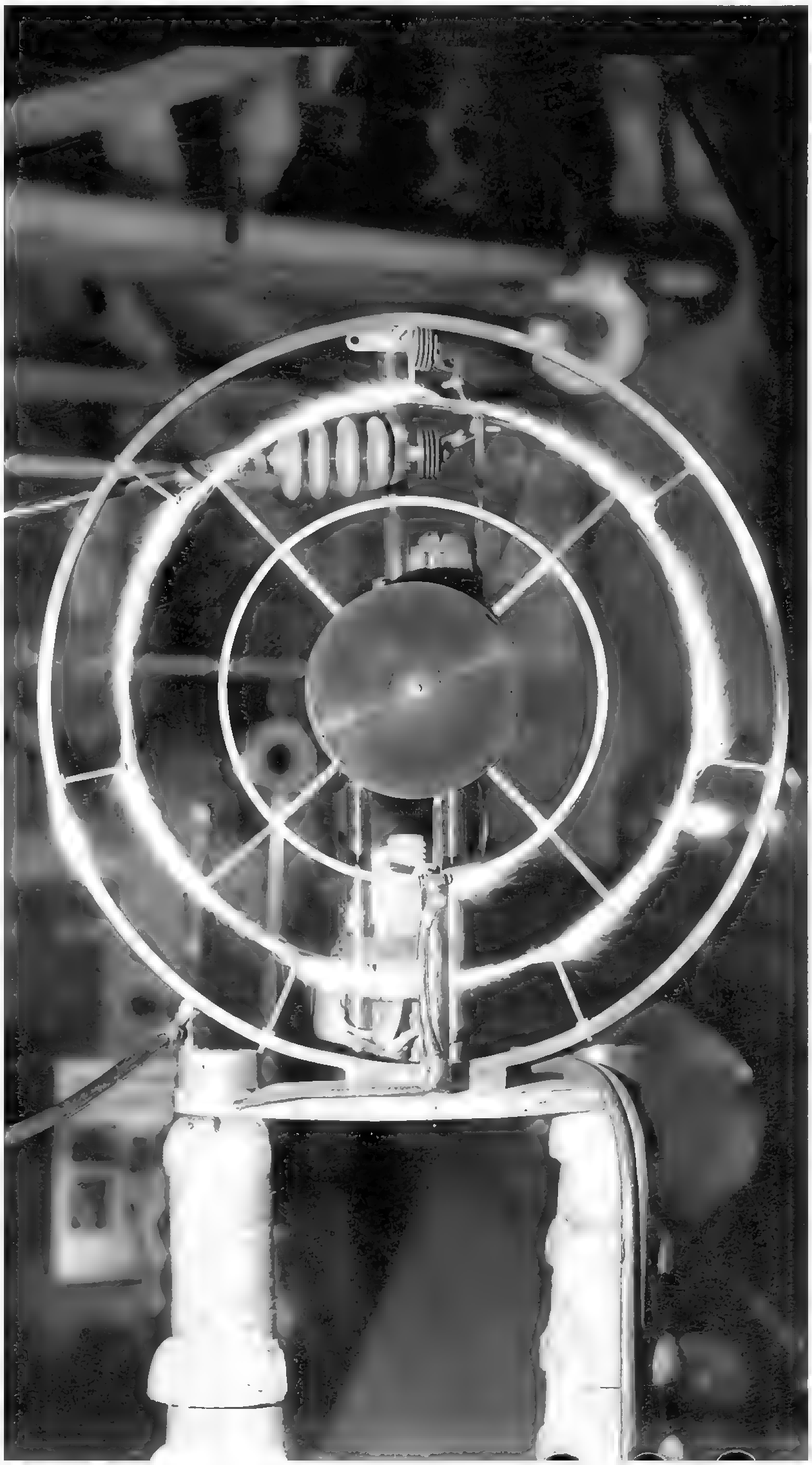


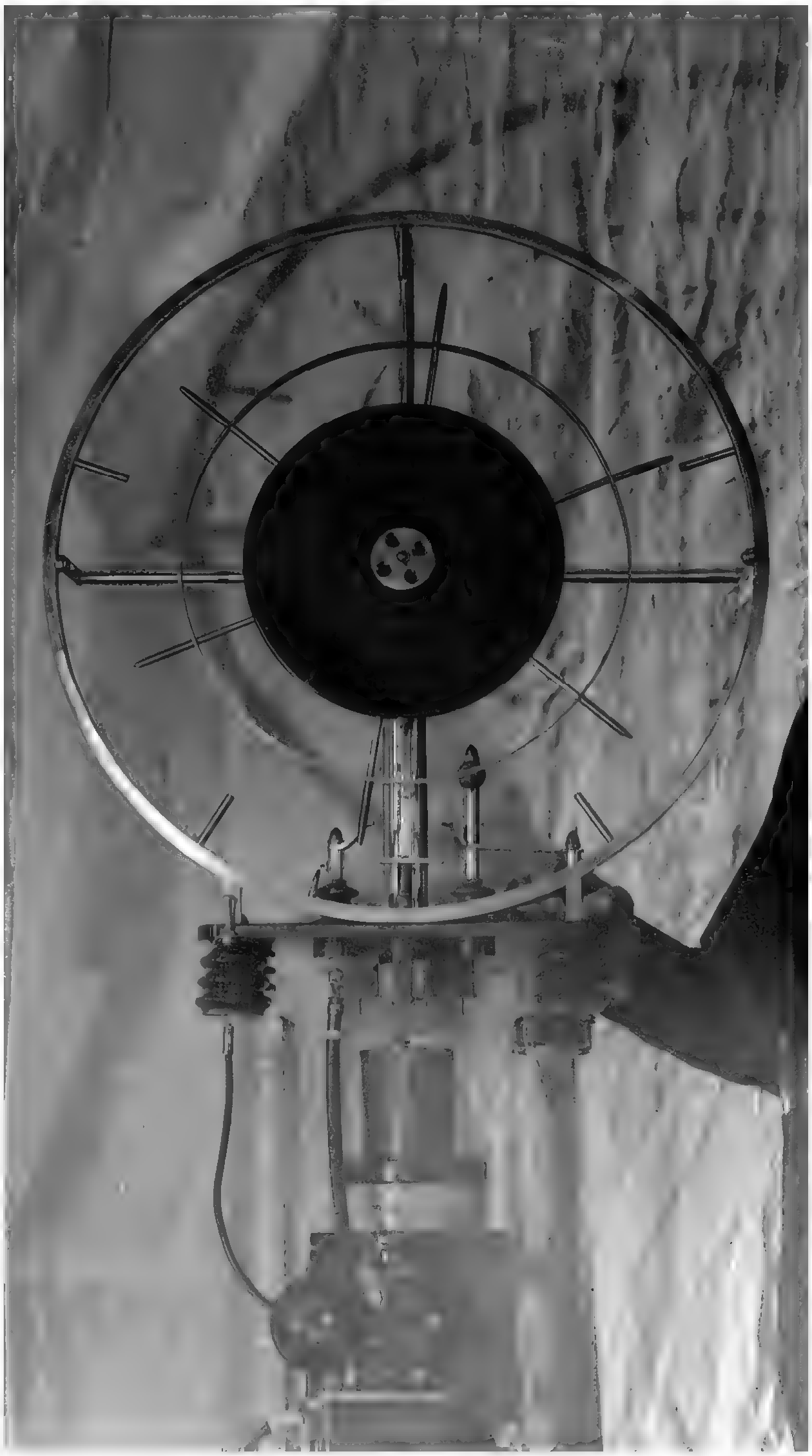




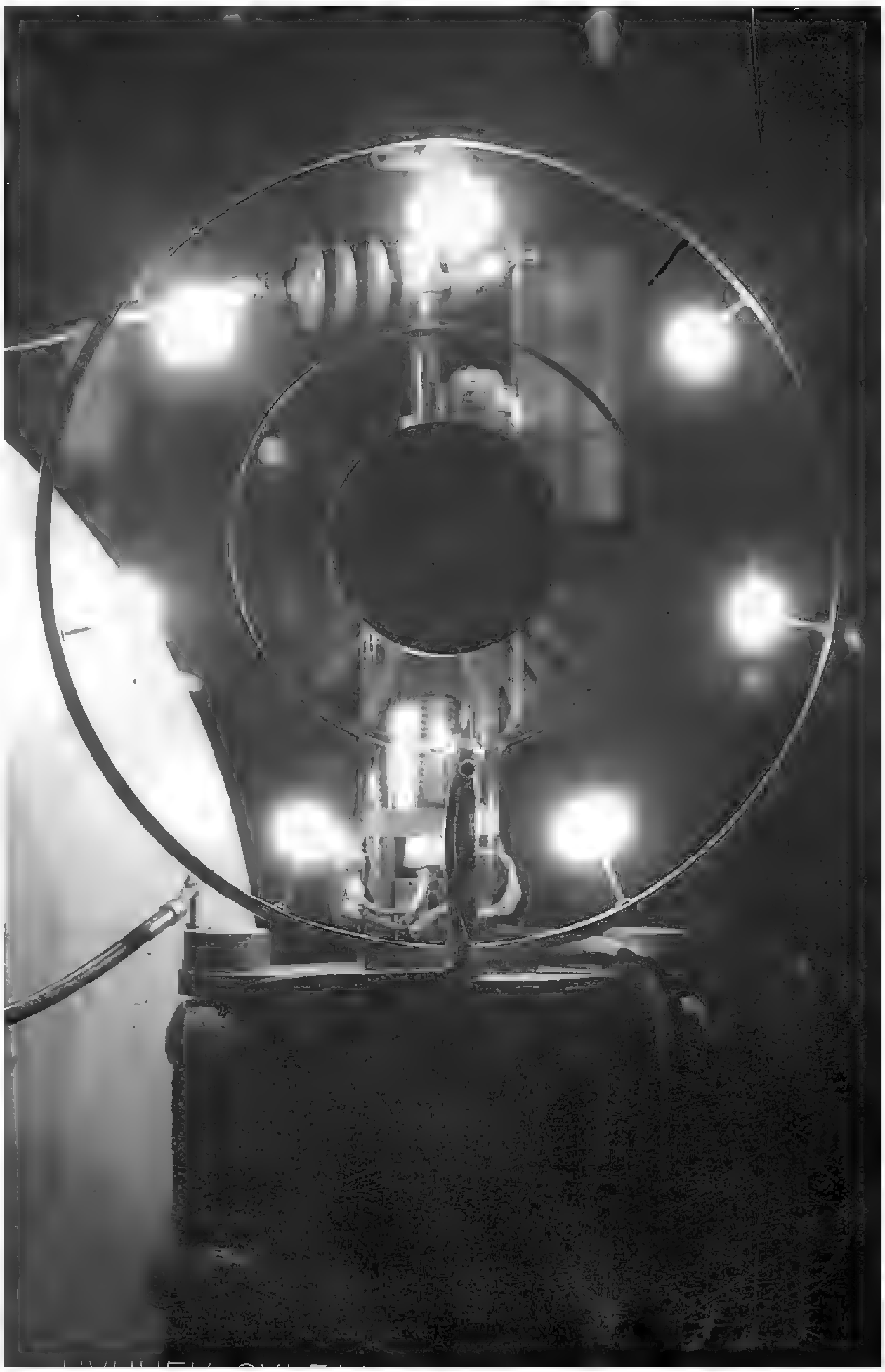


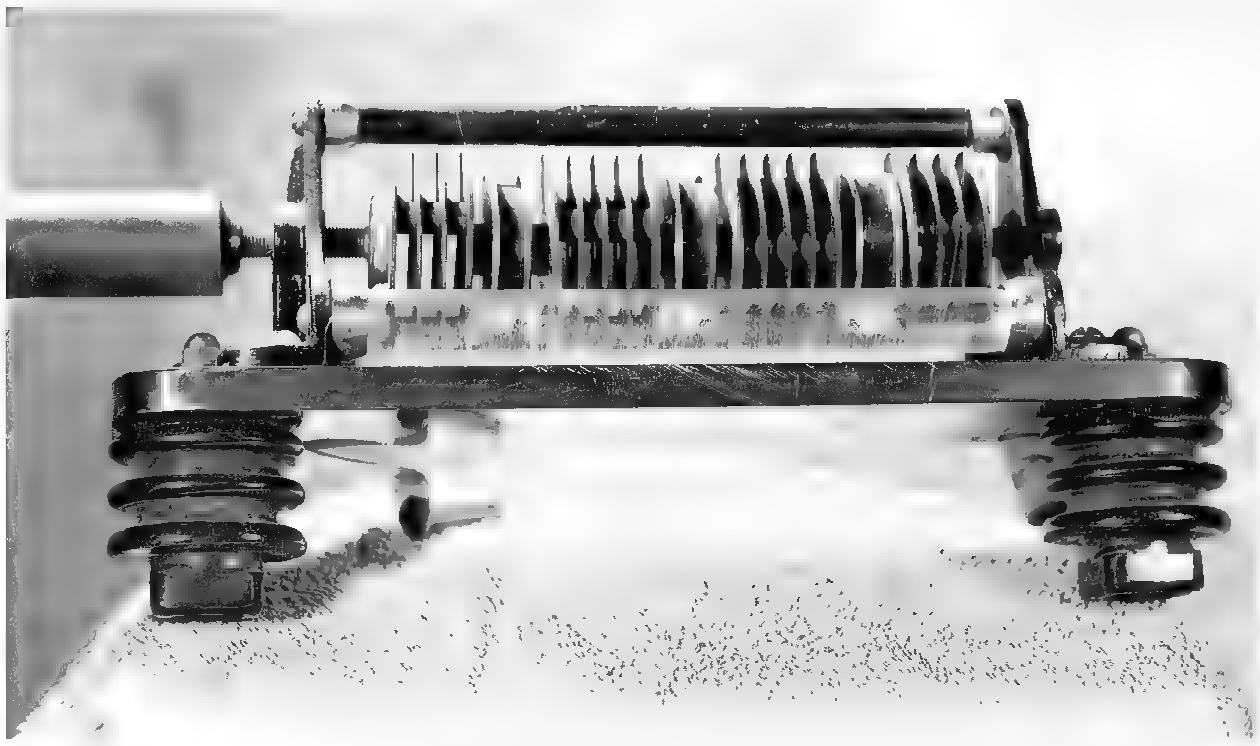


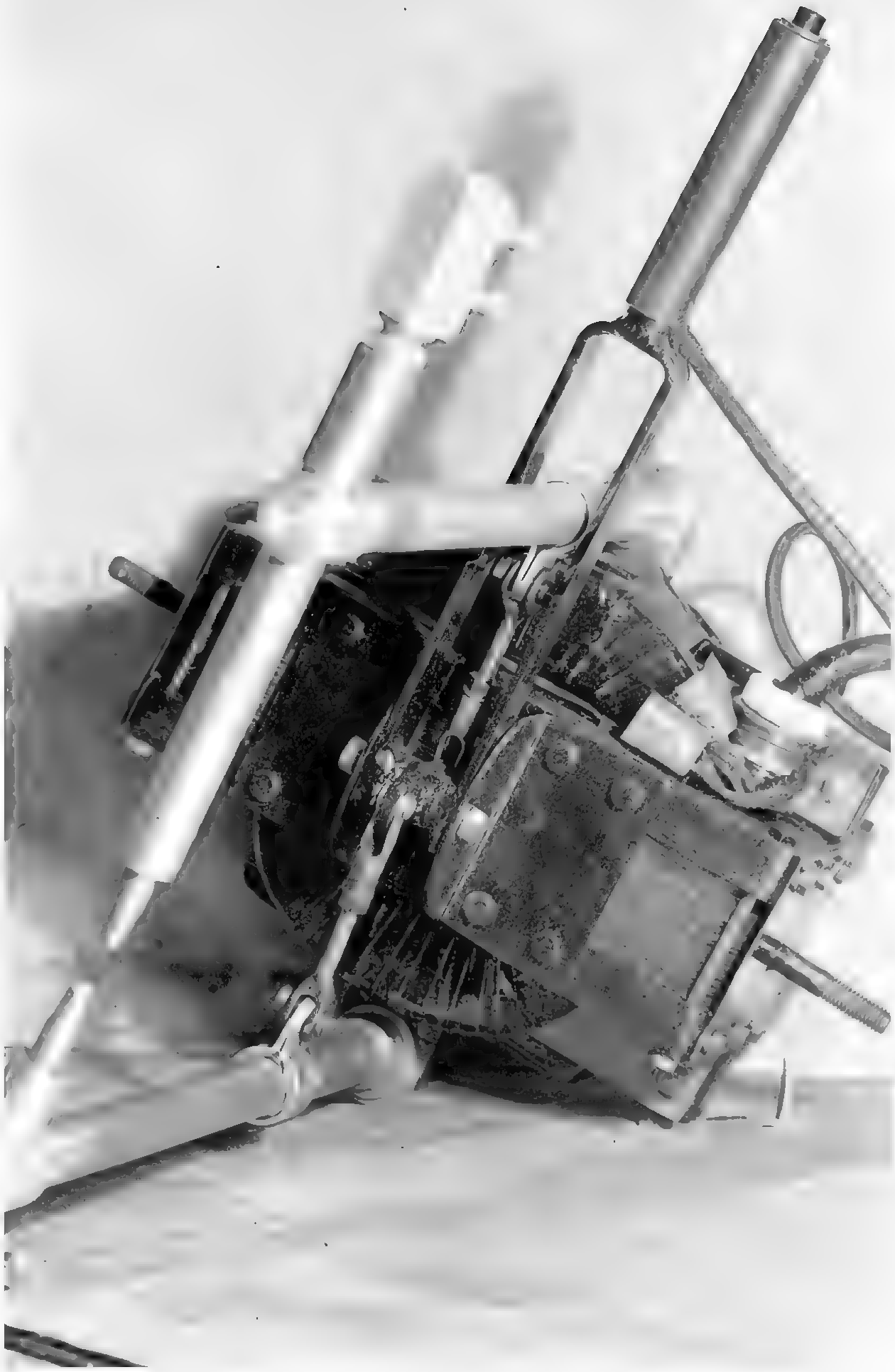




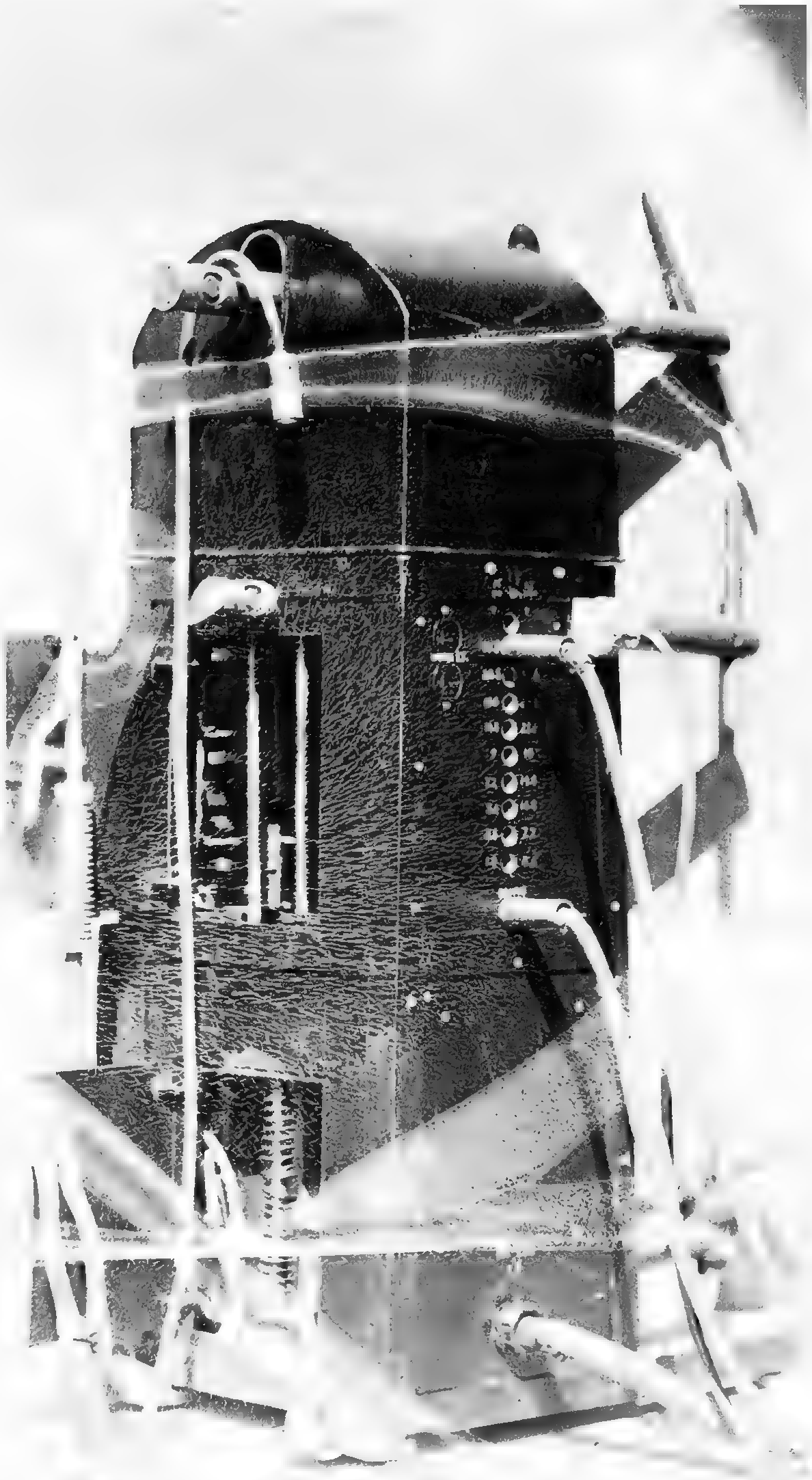






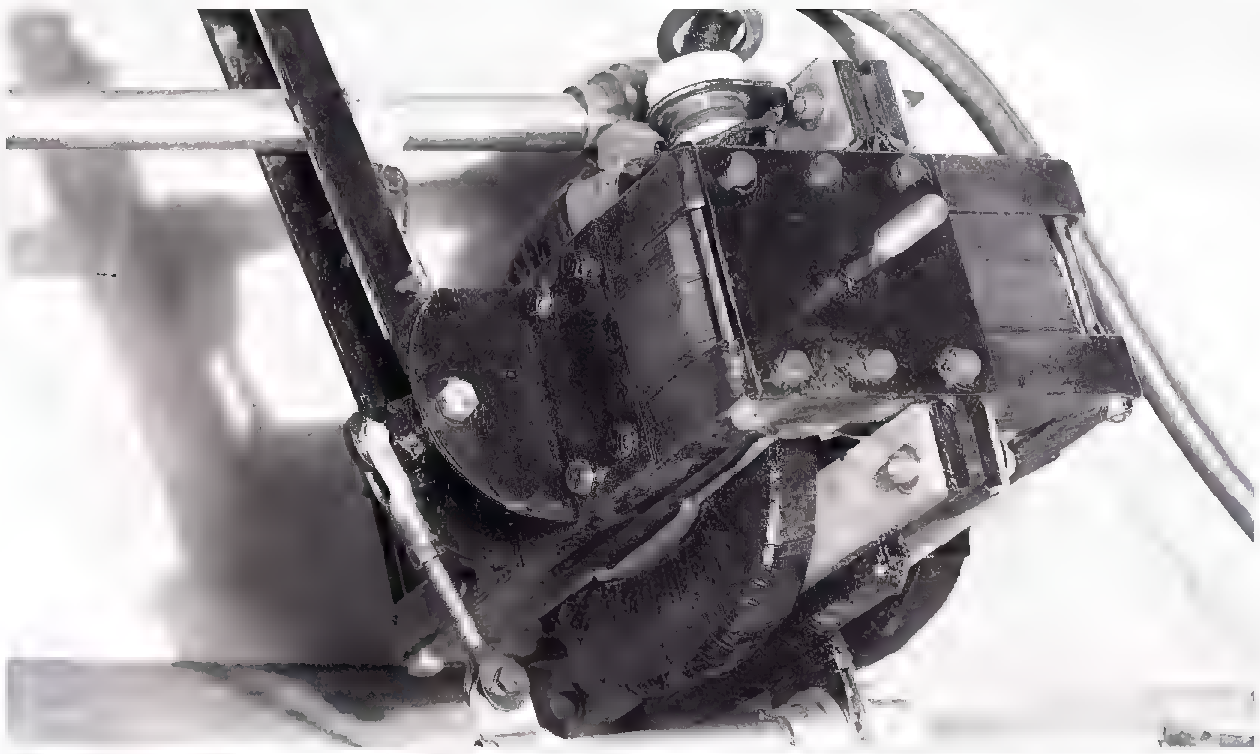


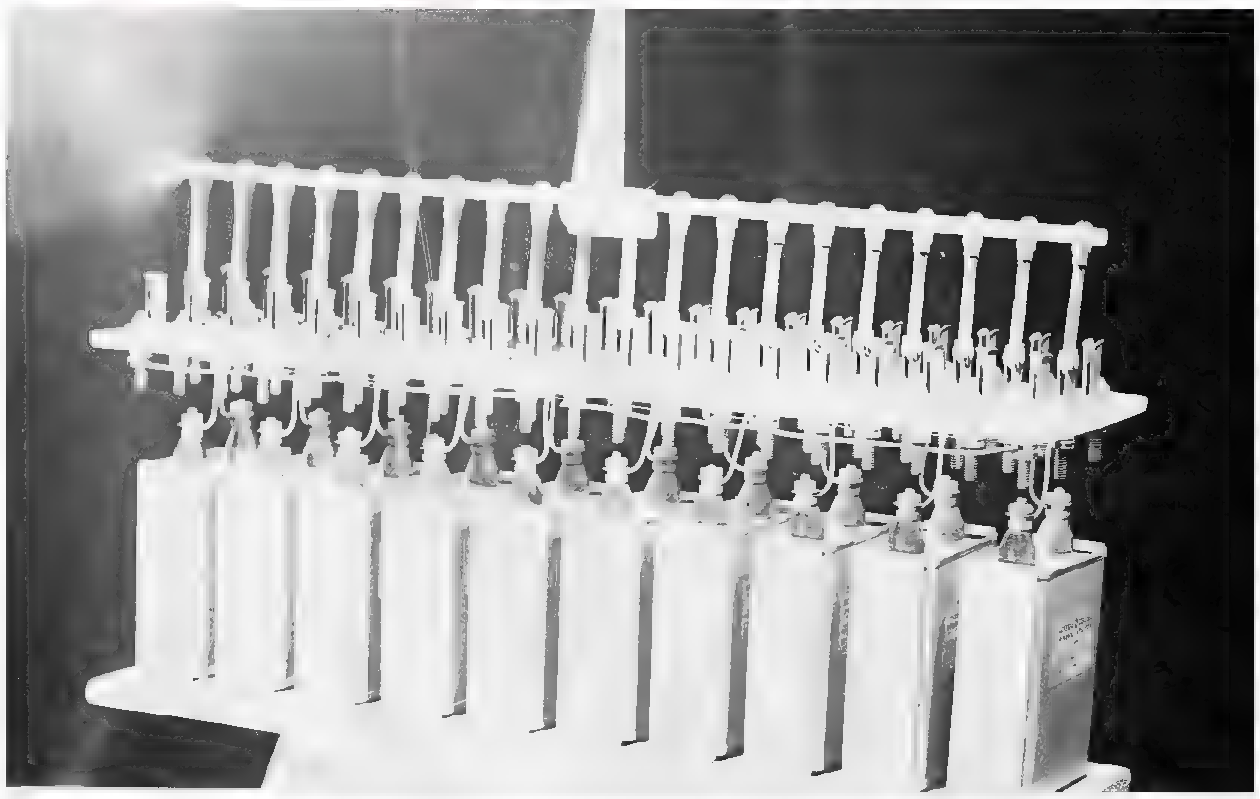


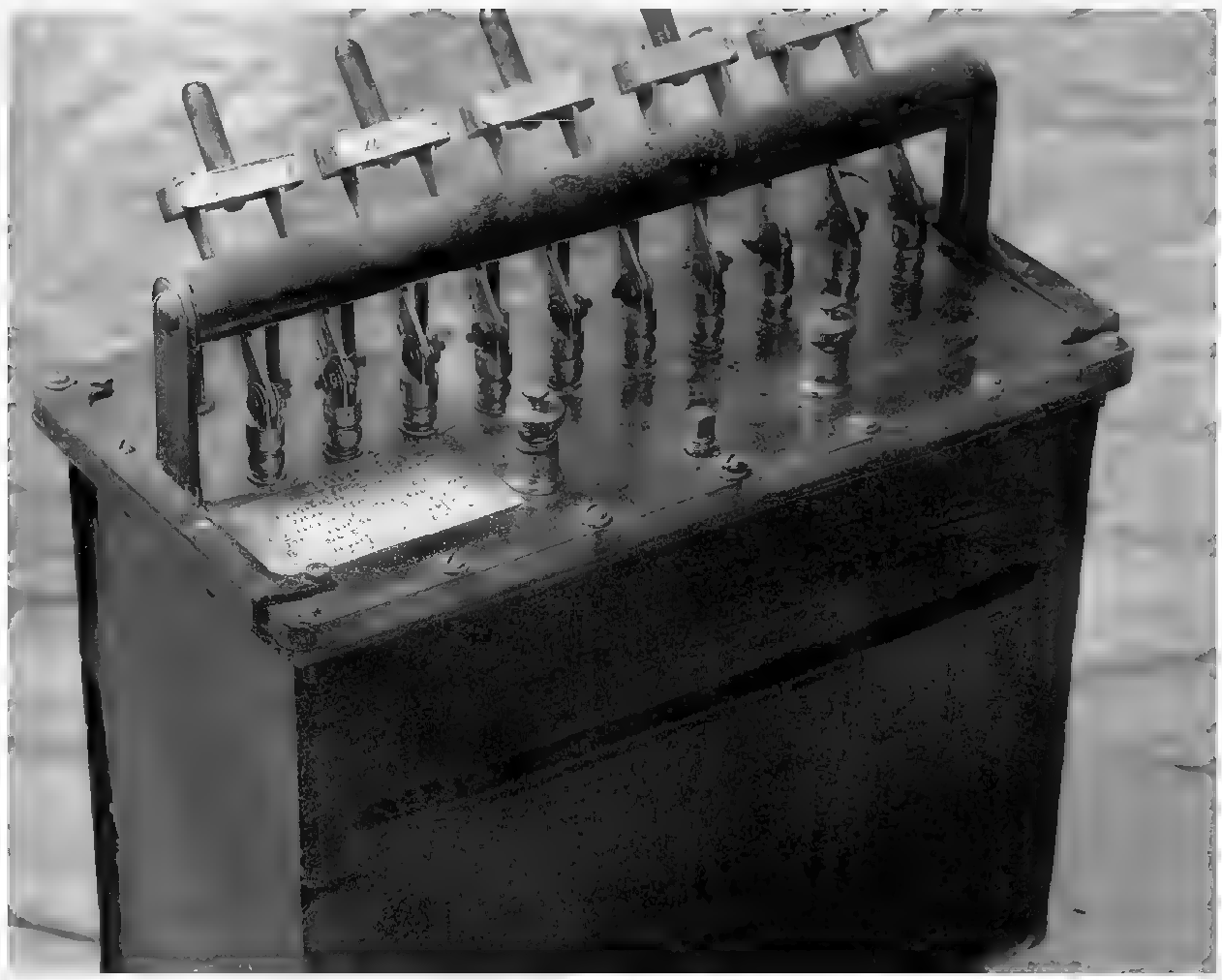




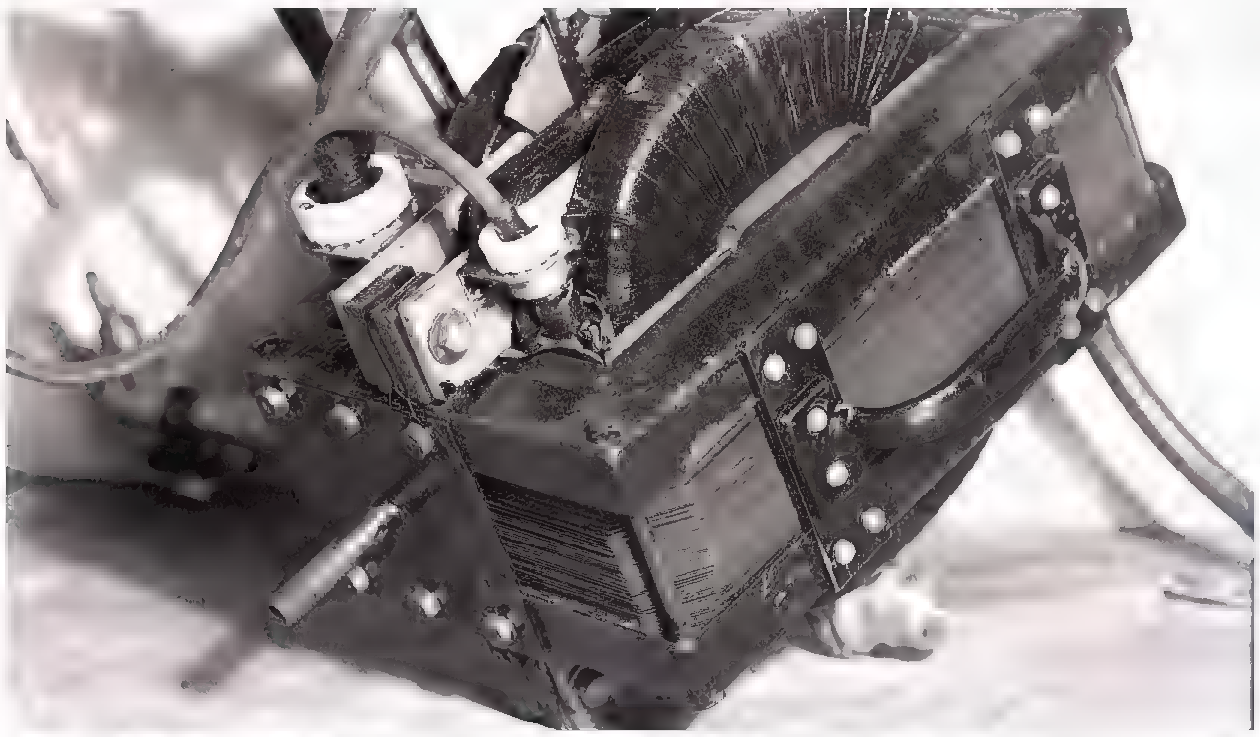

WESTON AMMETER
WESTON INST.CO.NEWARK,N.J.U.S.A.

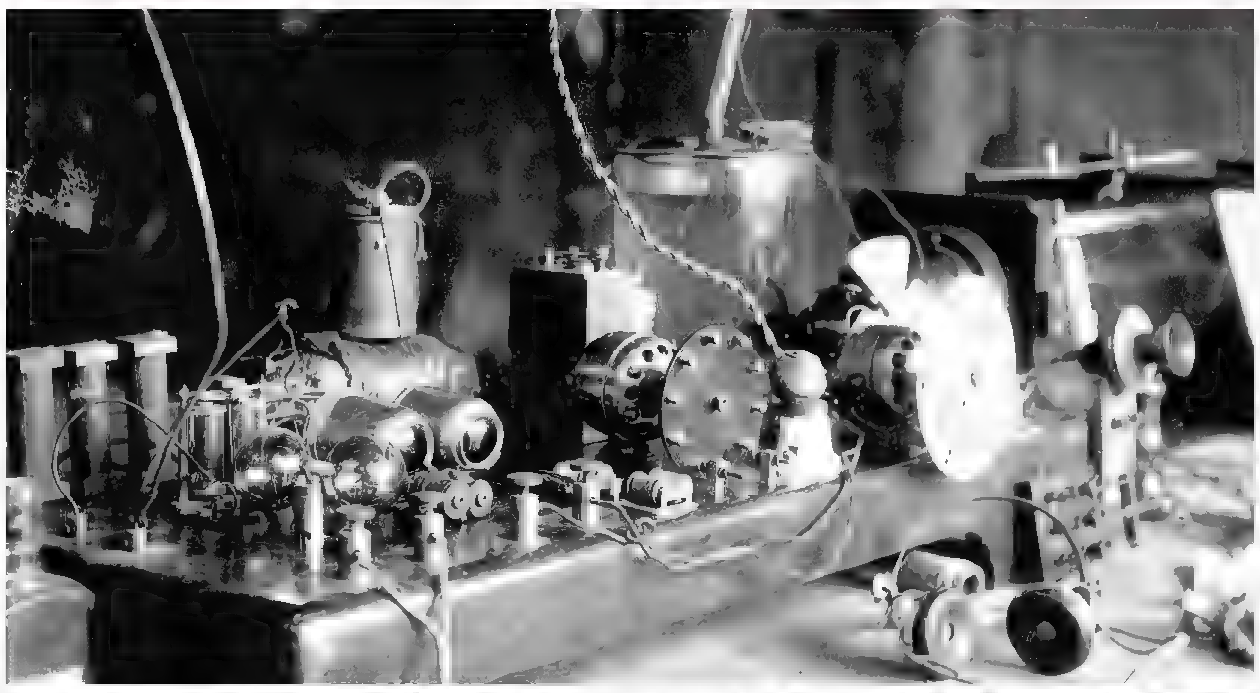


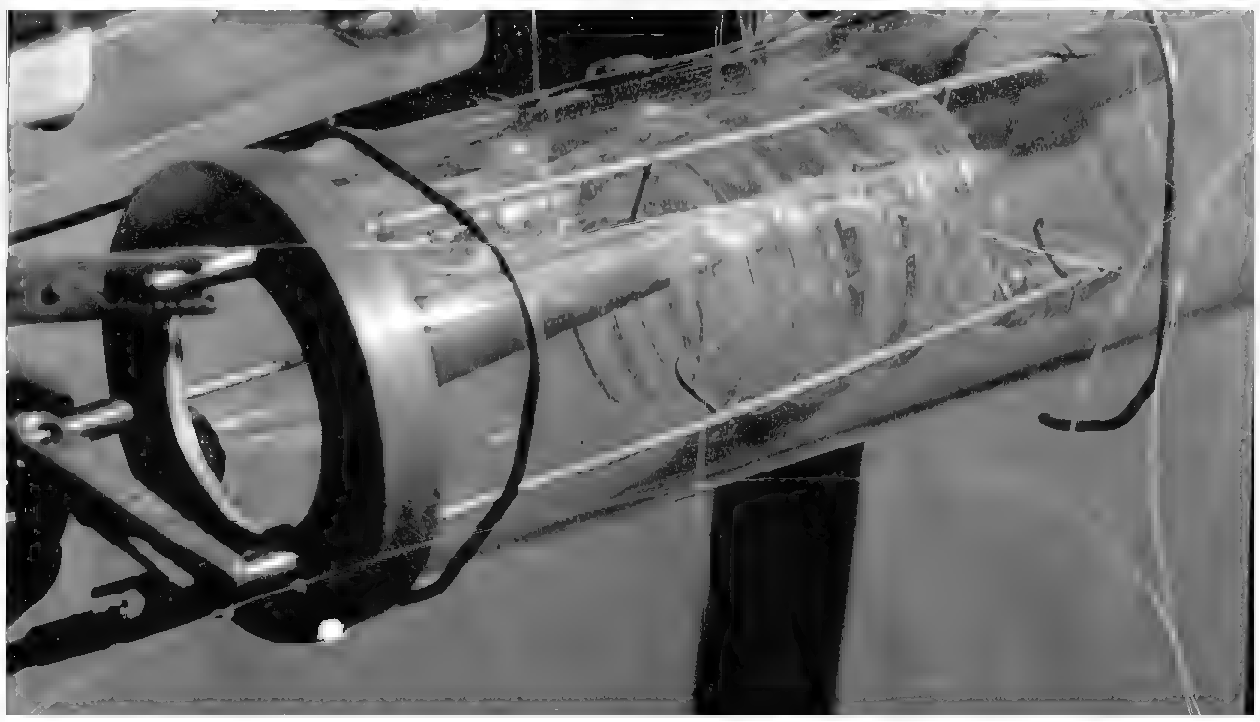




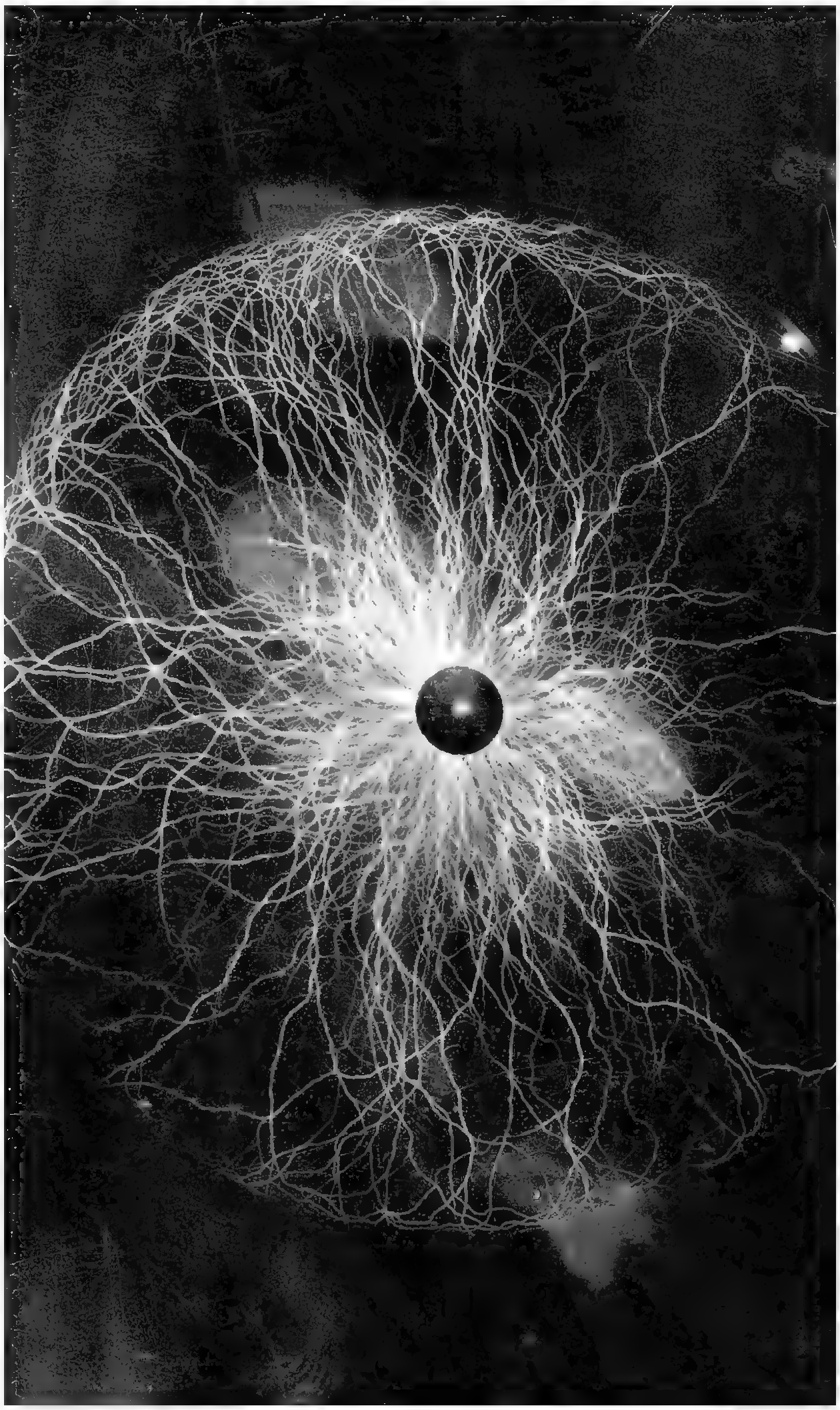








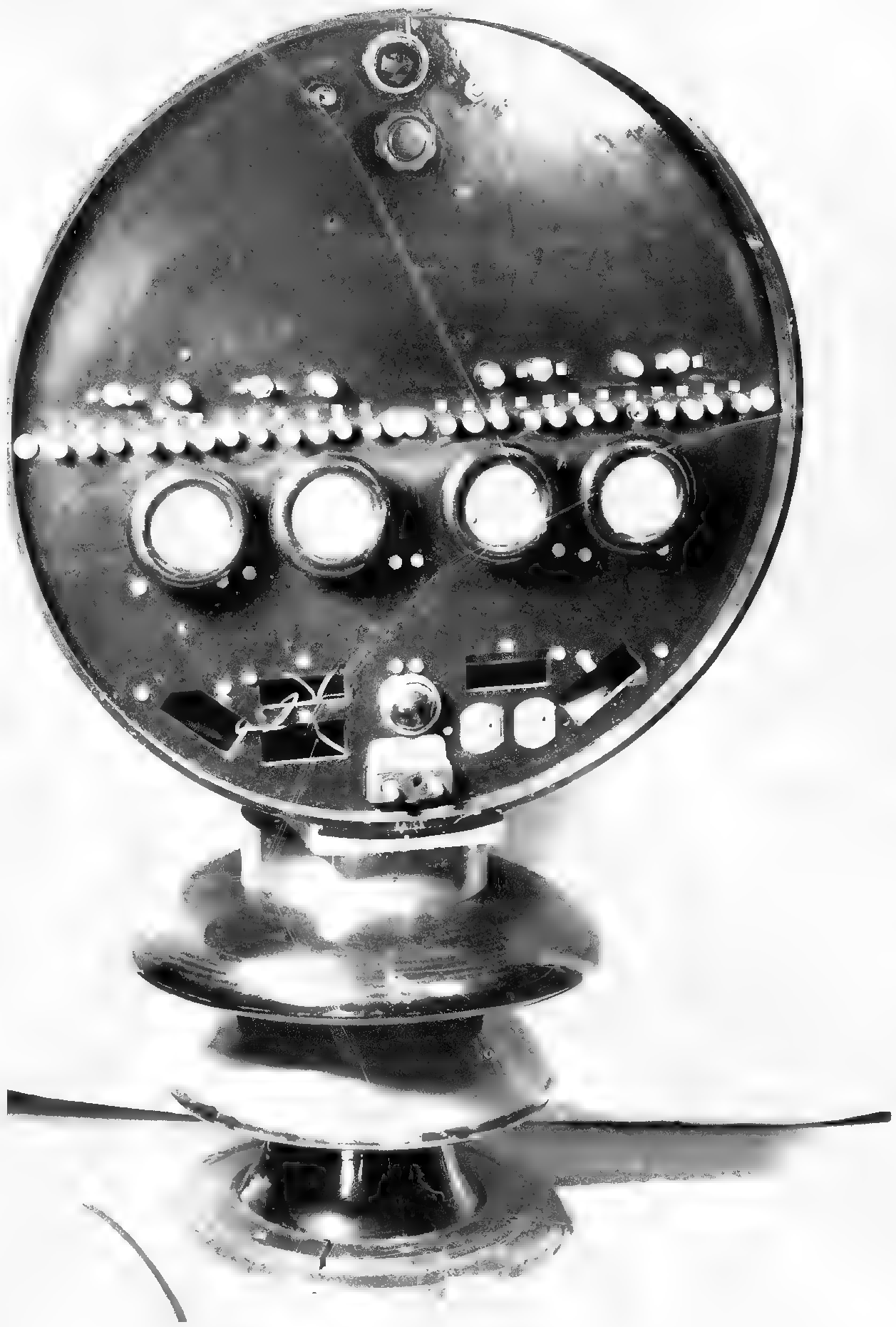


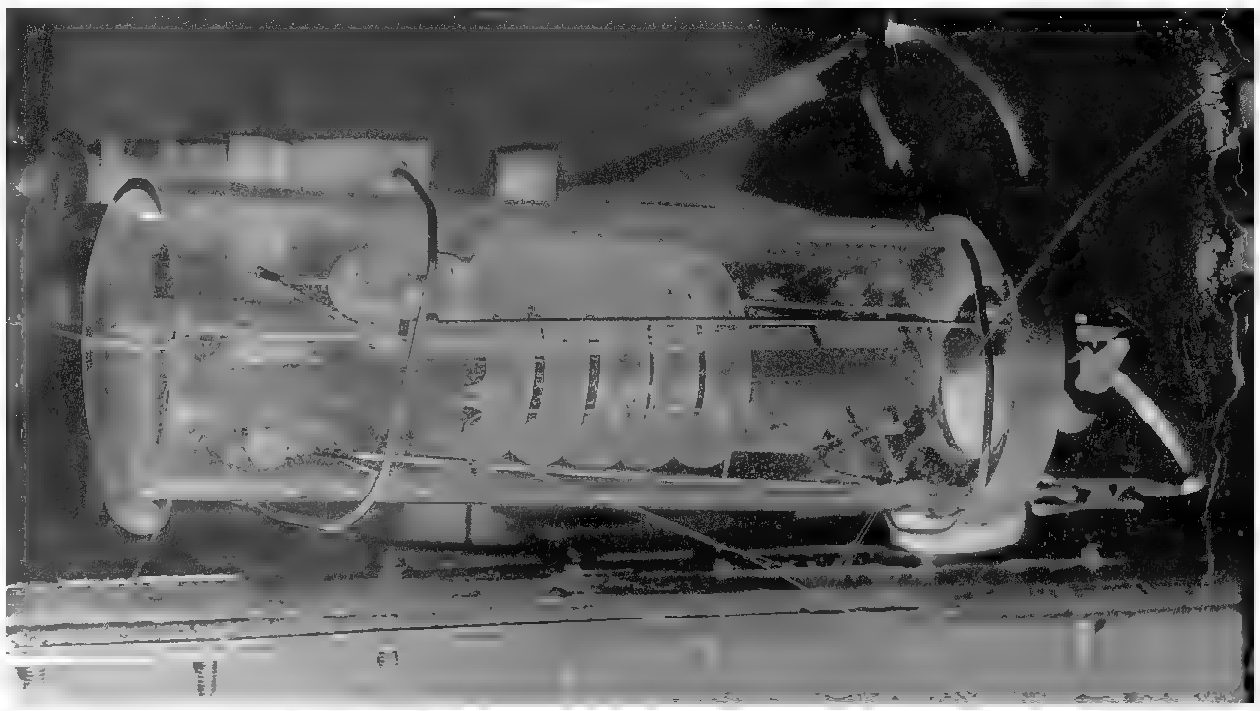






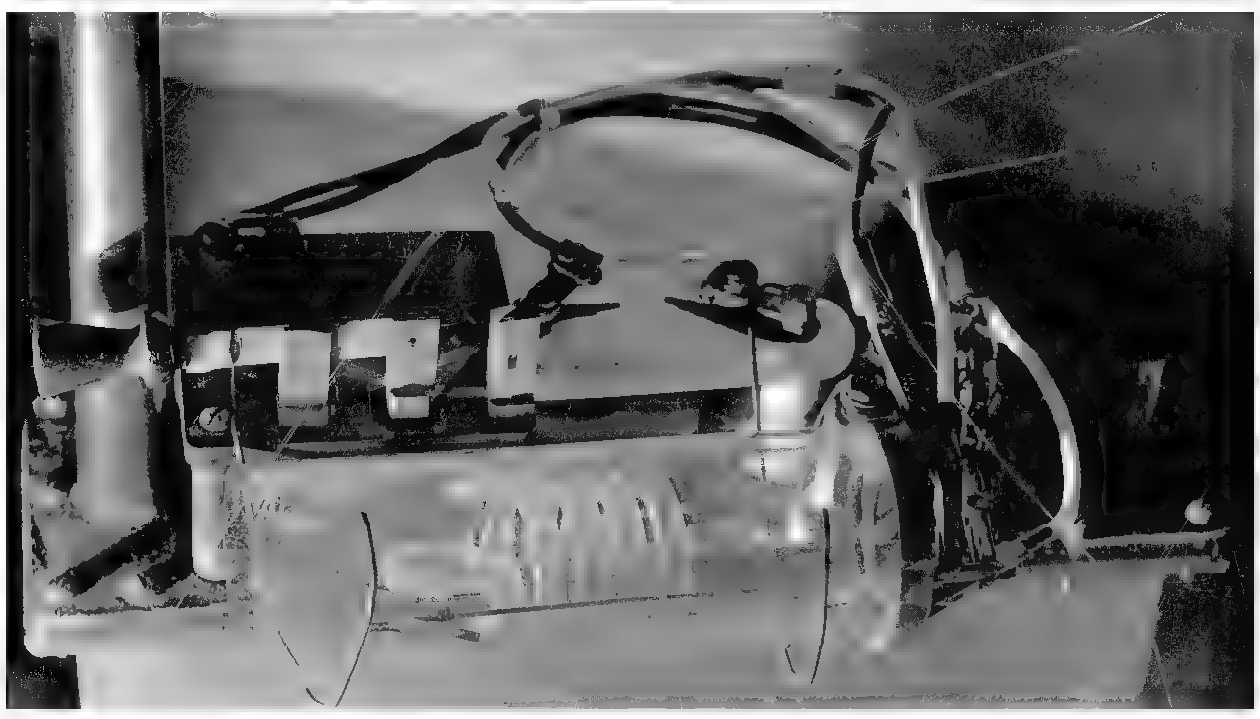


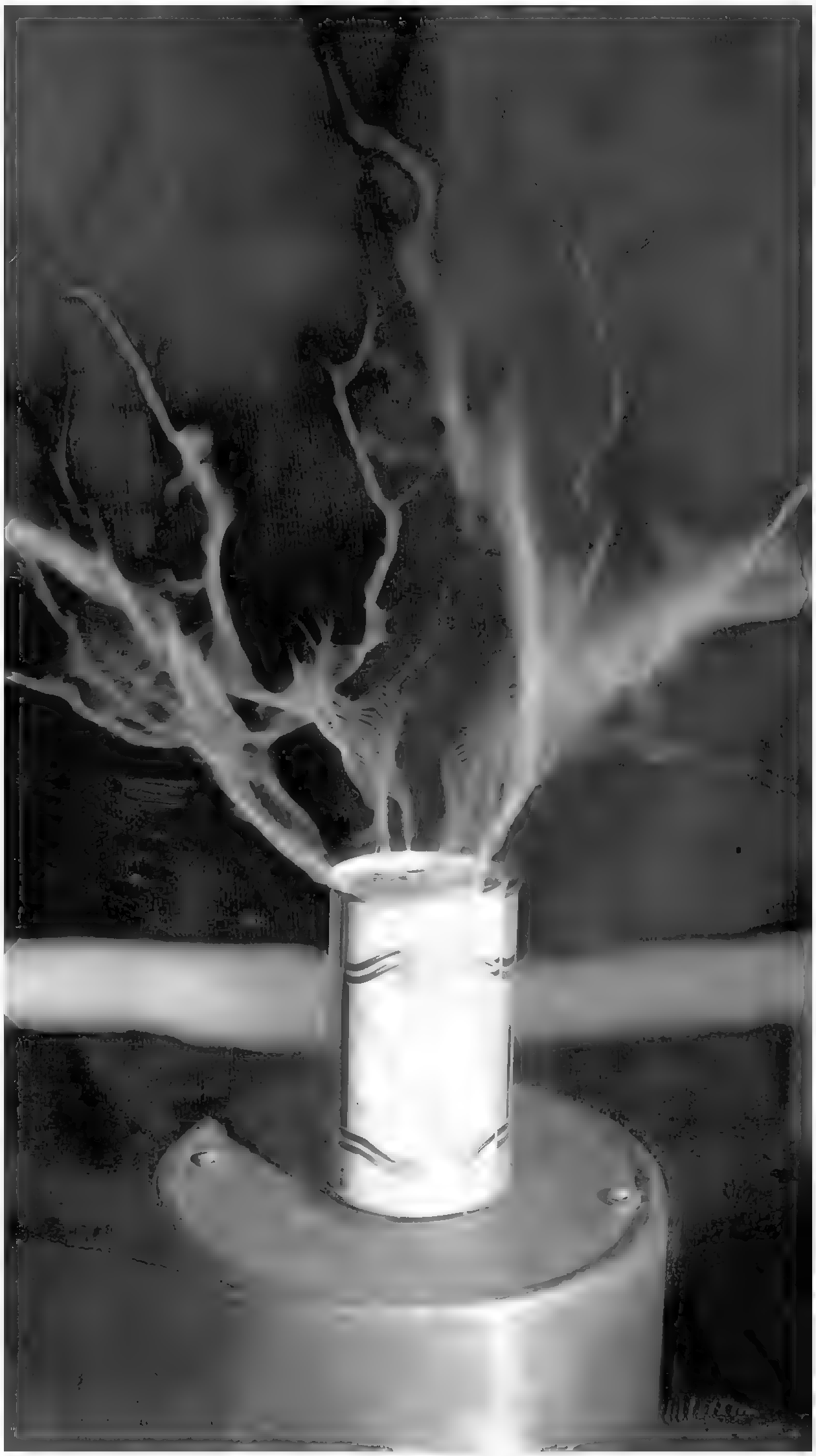


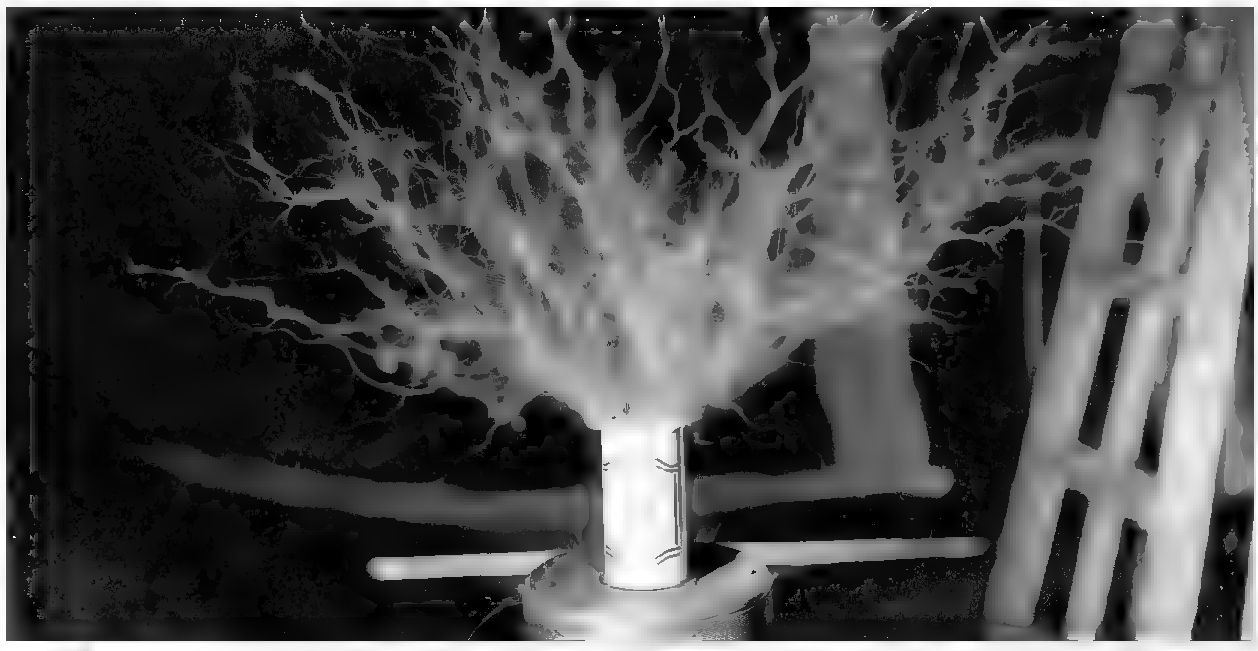


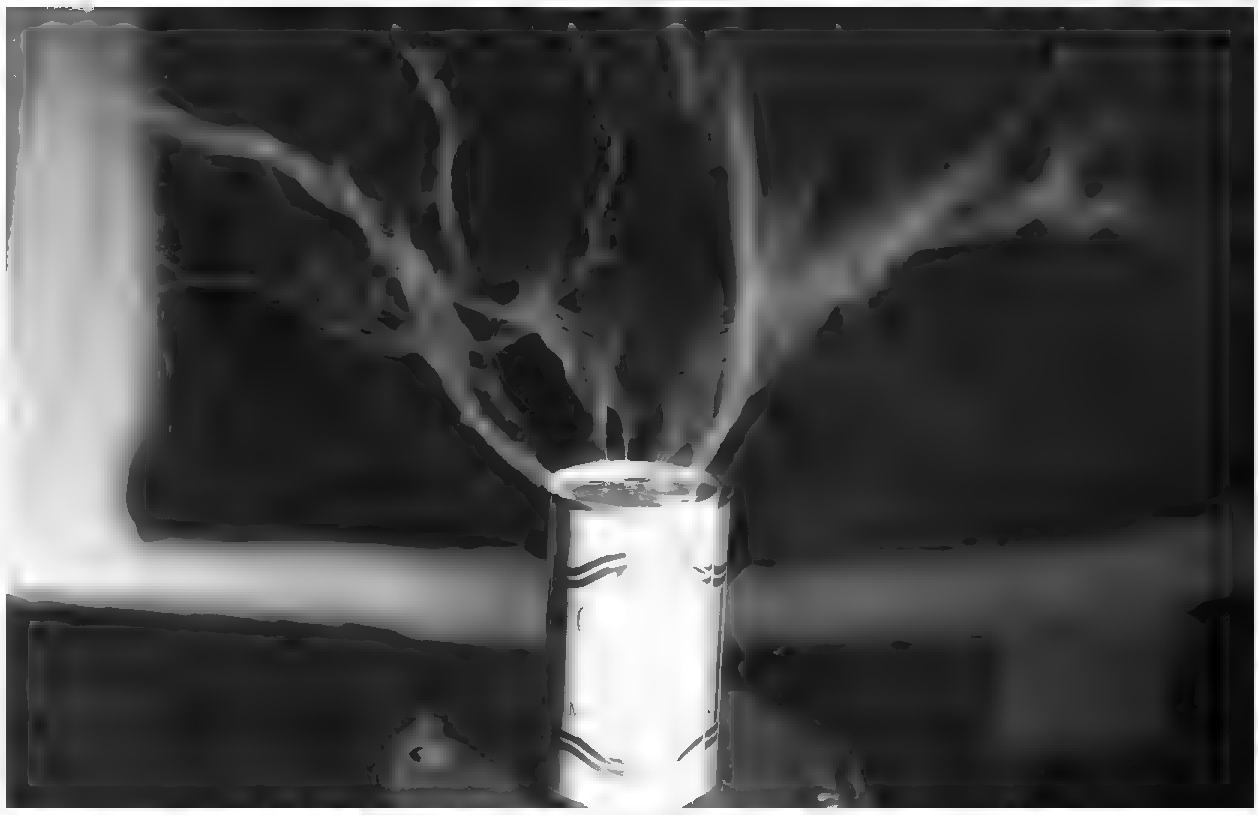






















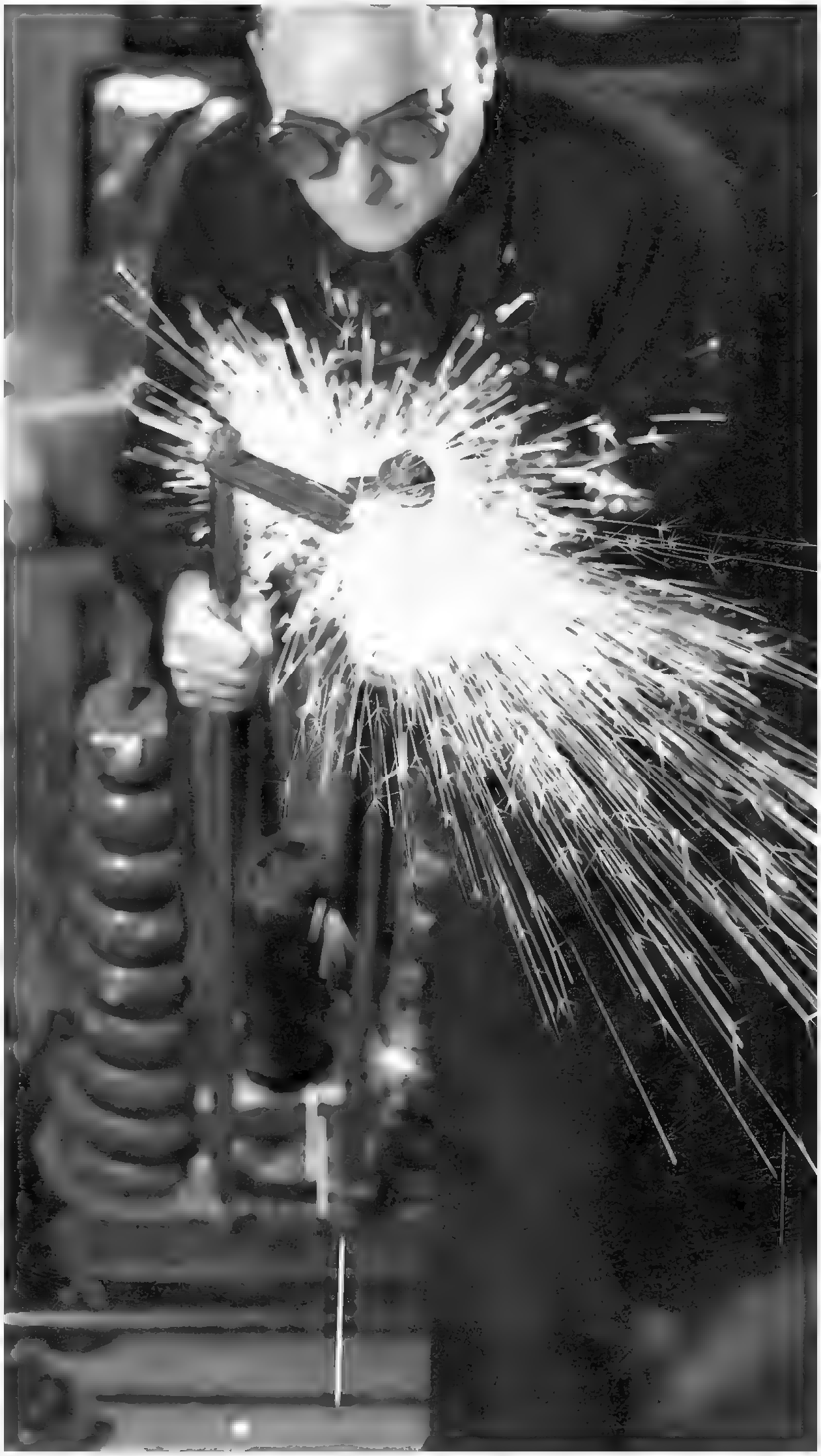




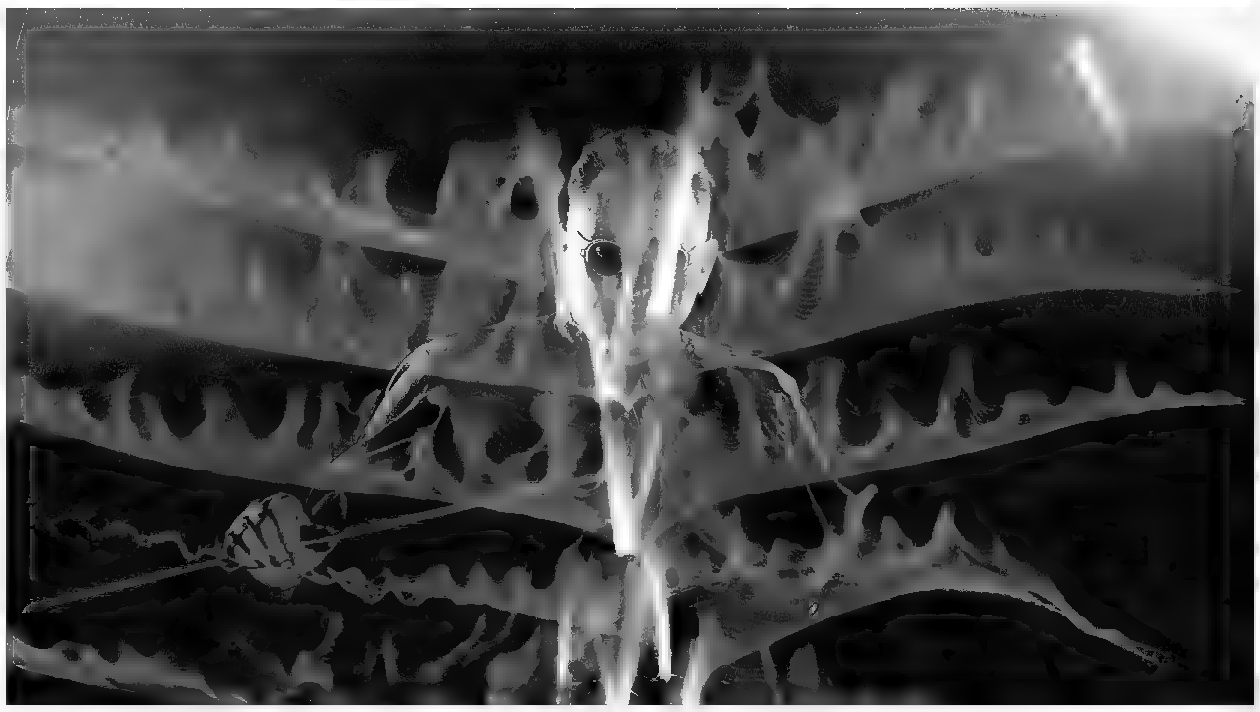




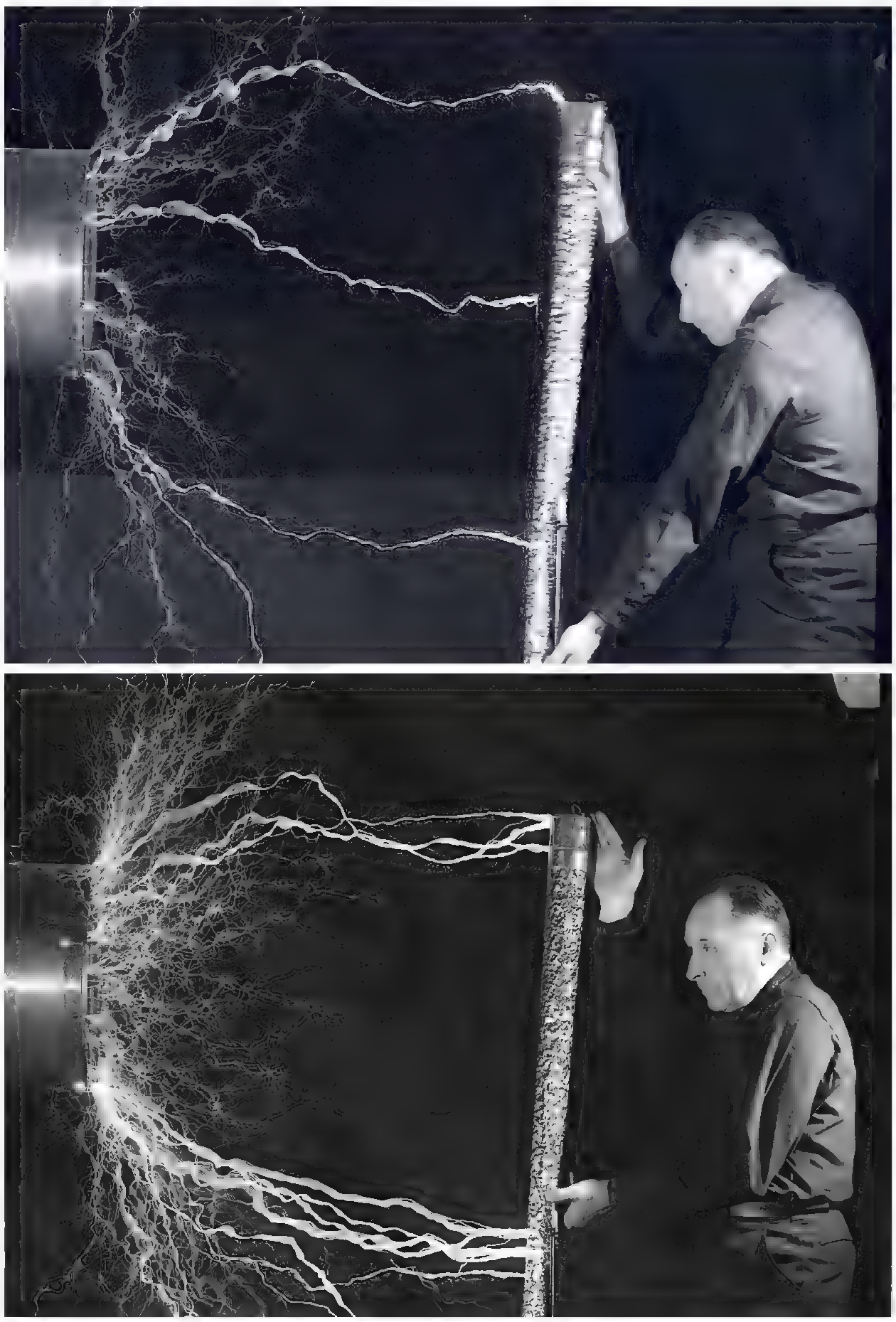




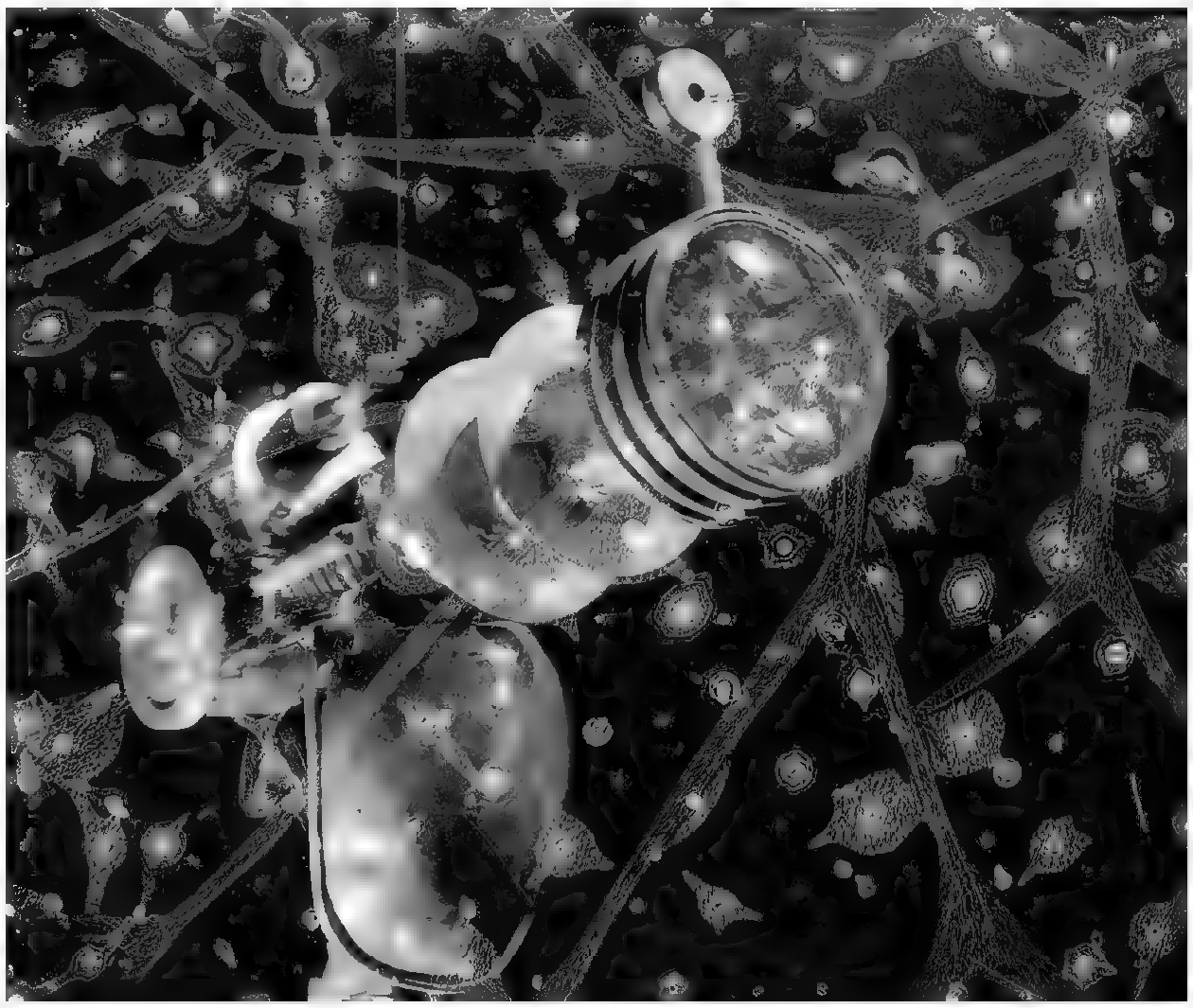


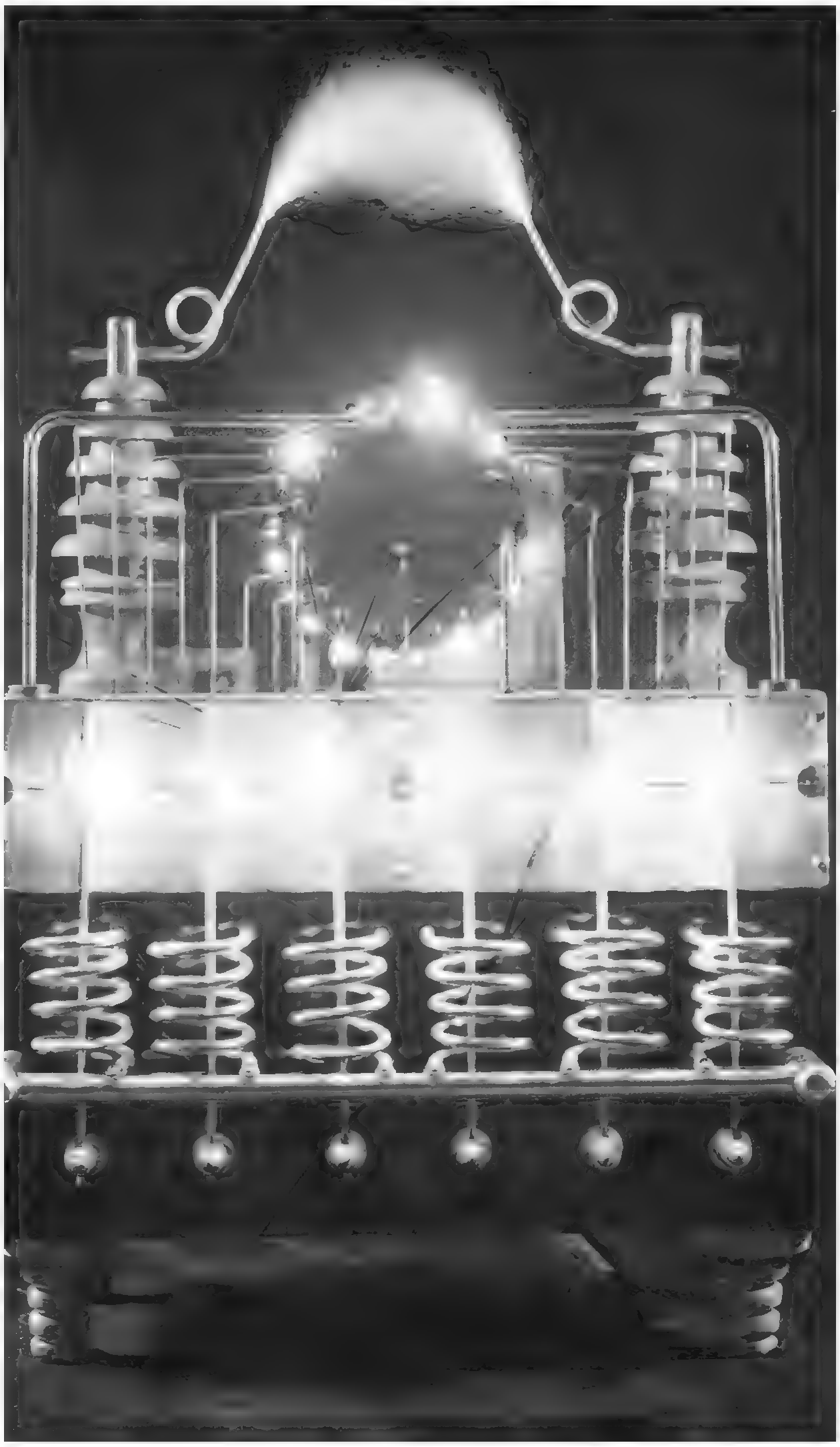




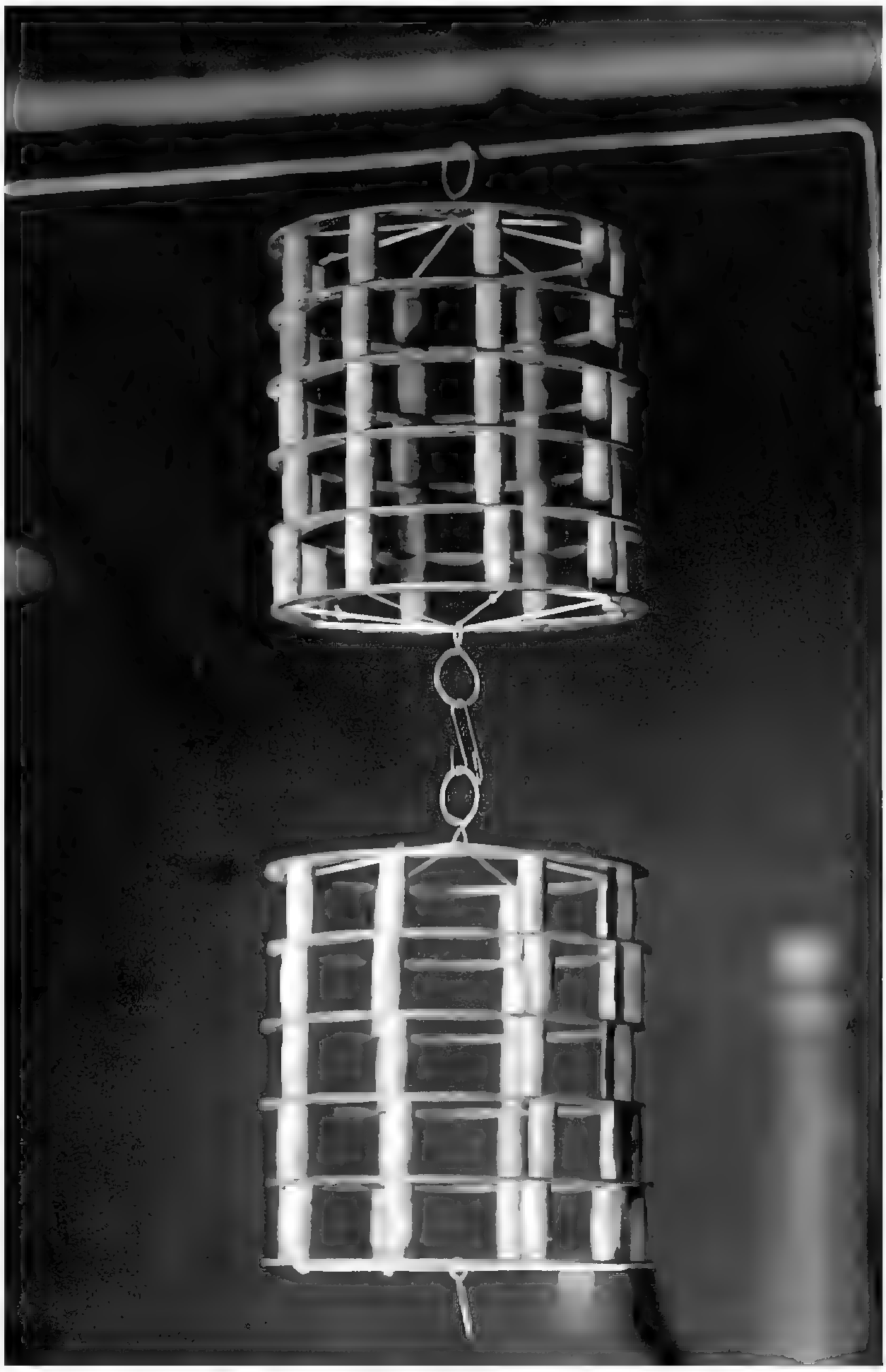




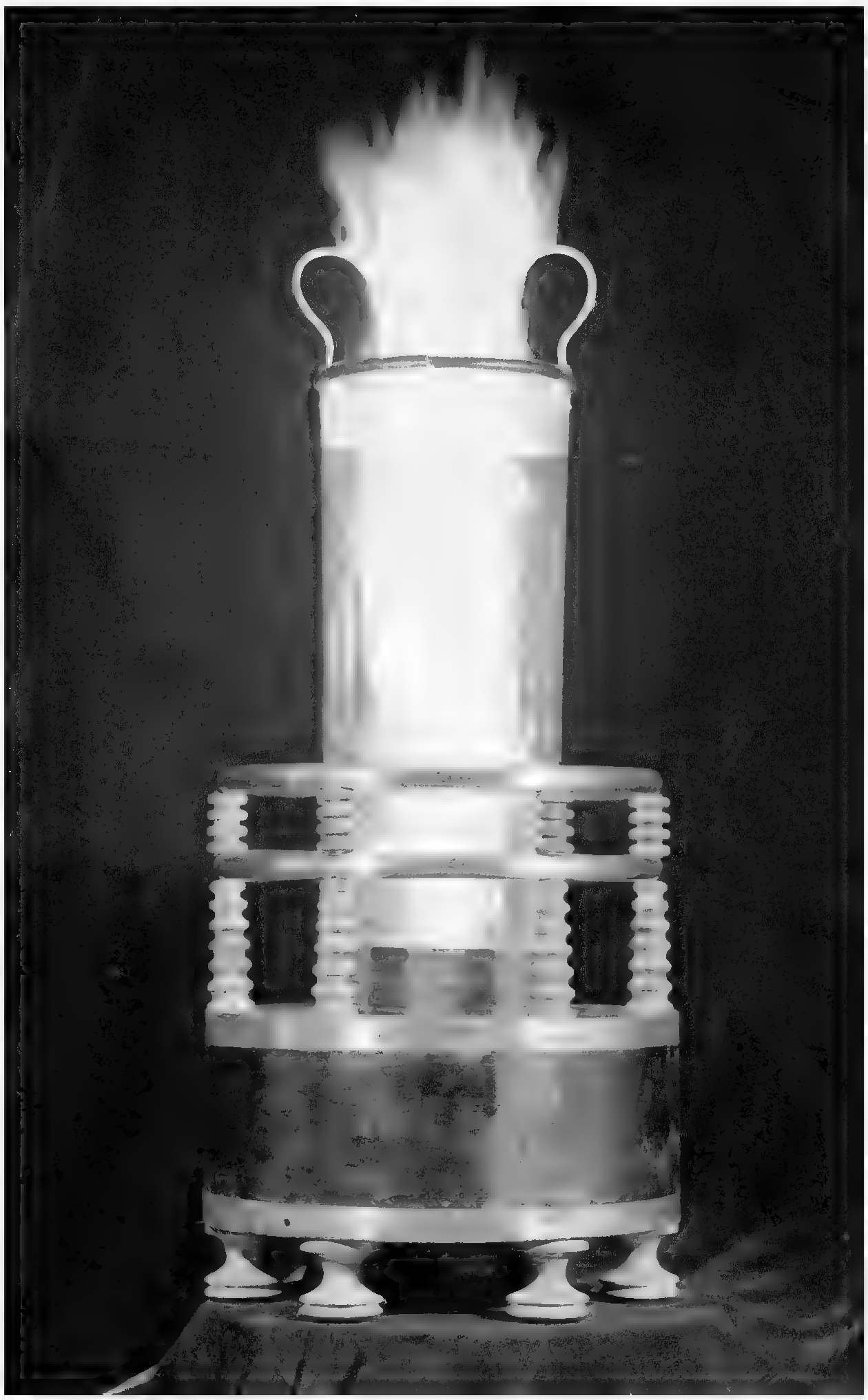








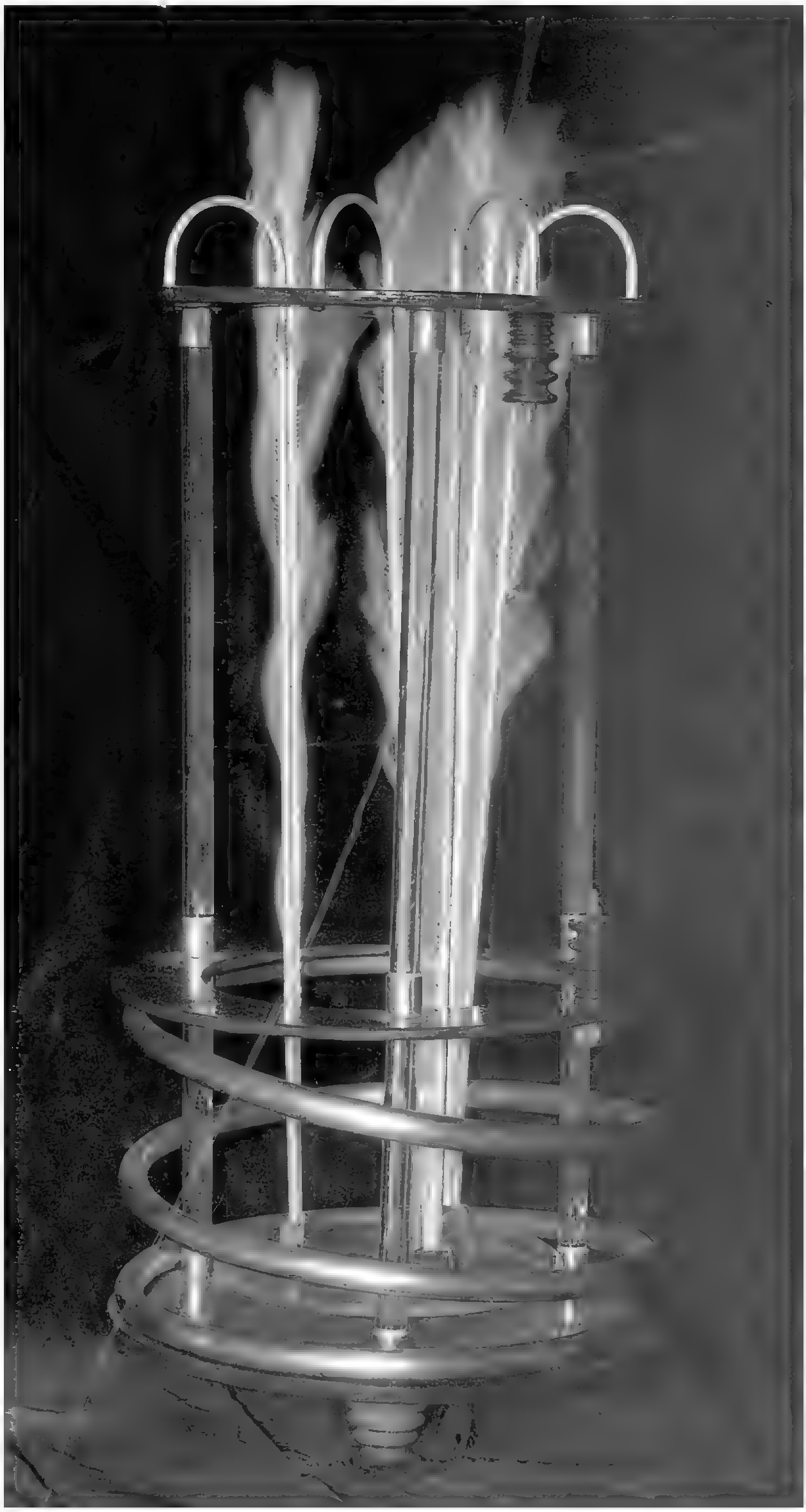


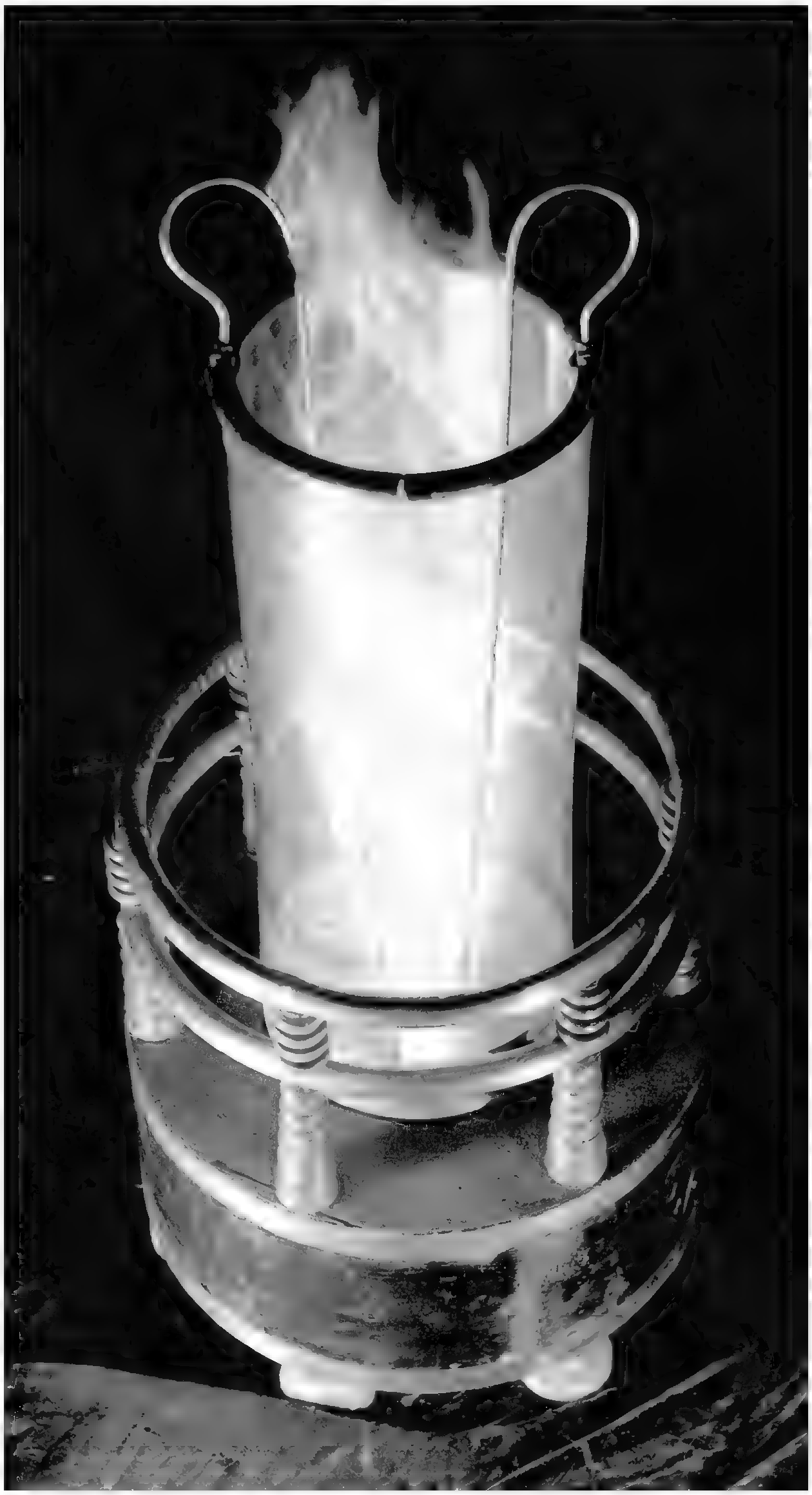


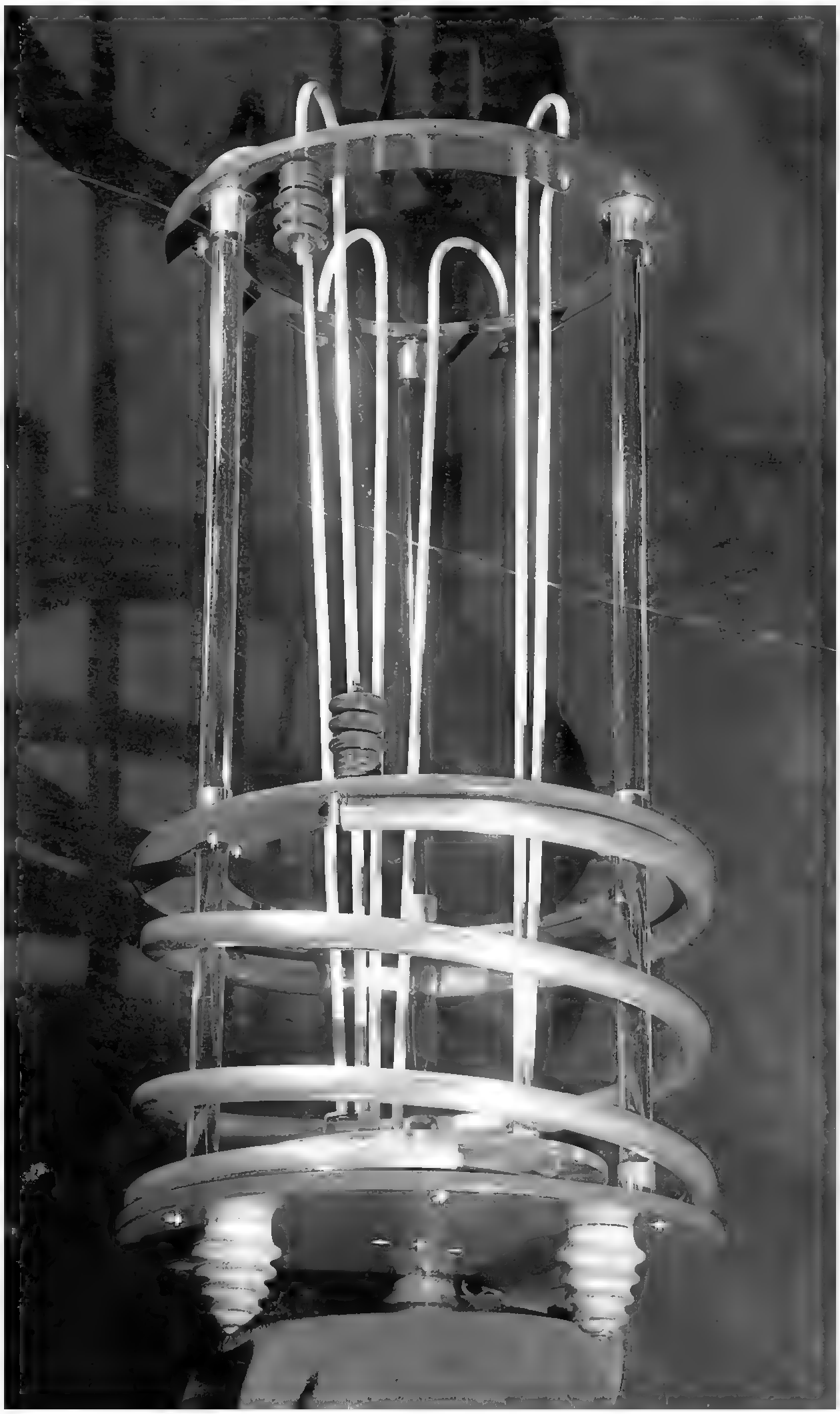


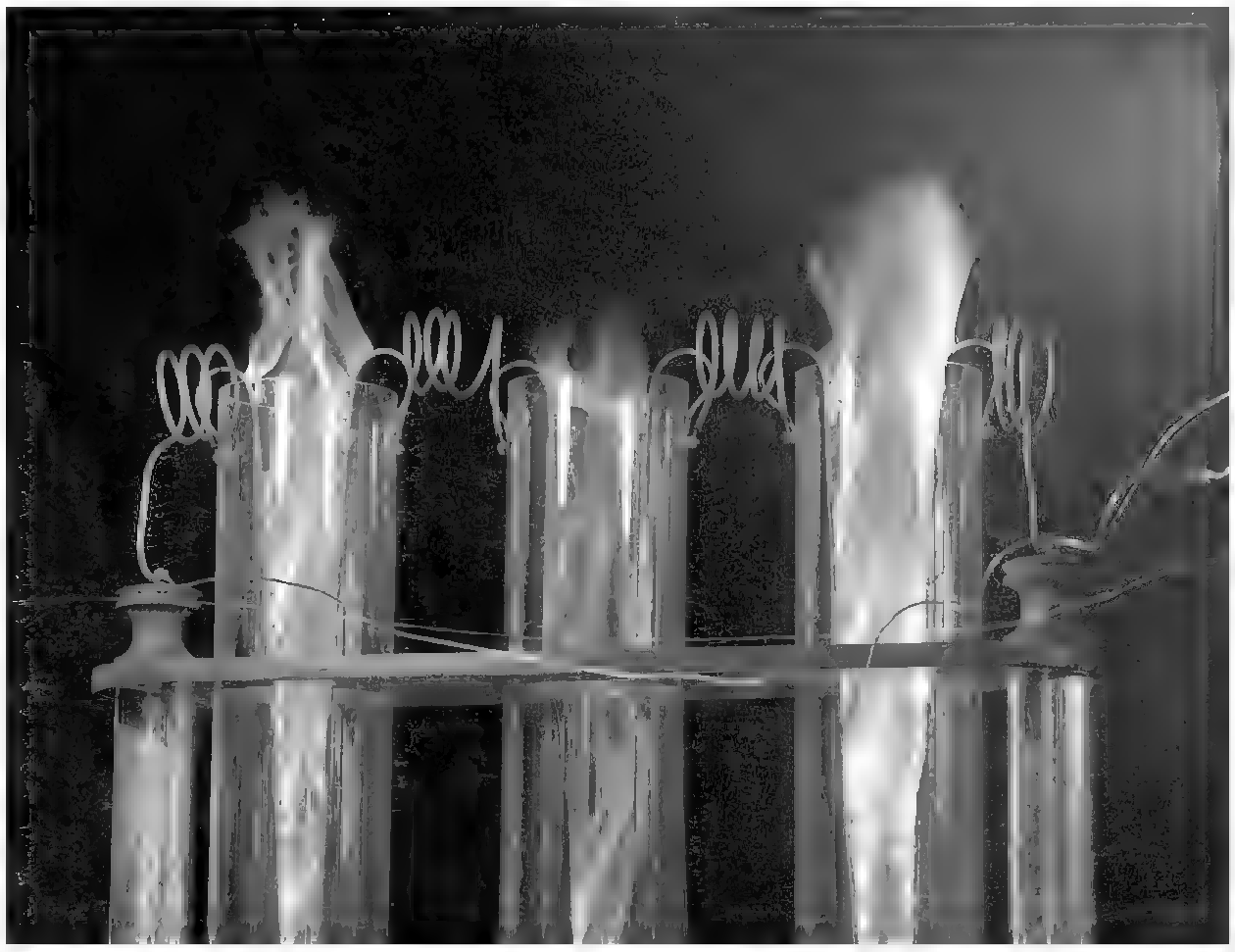






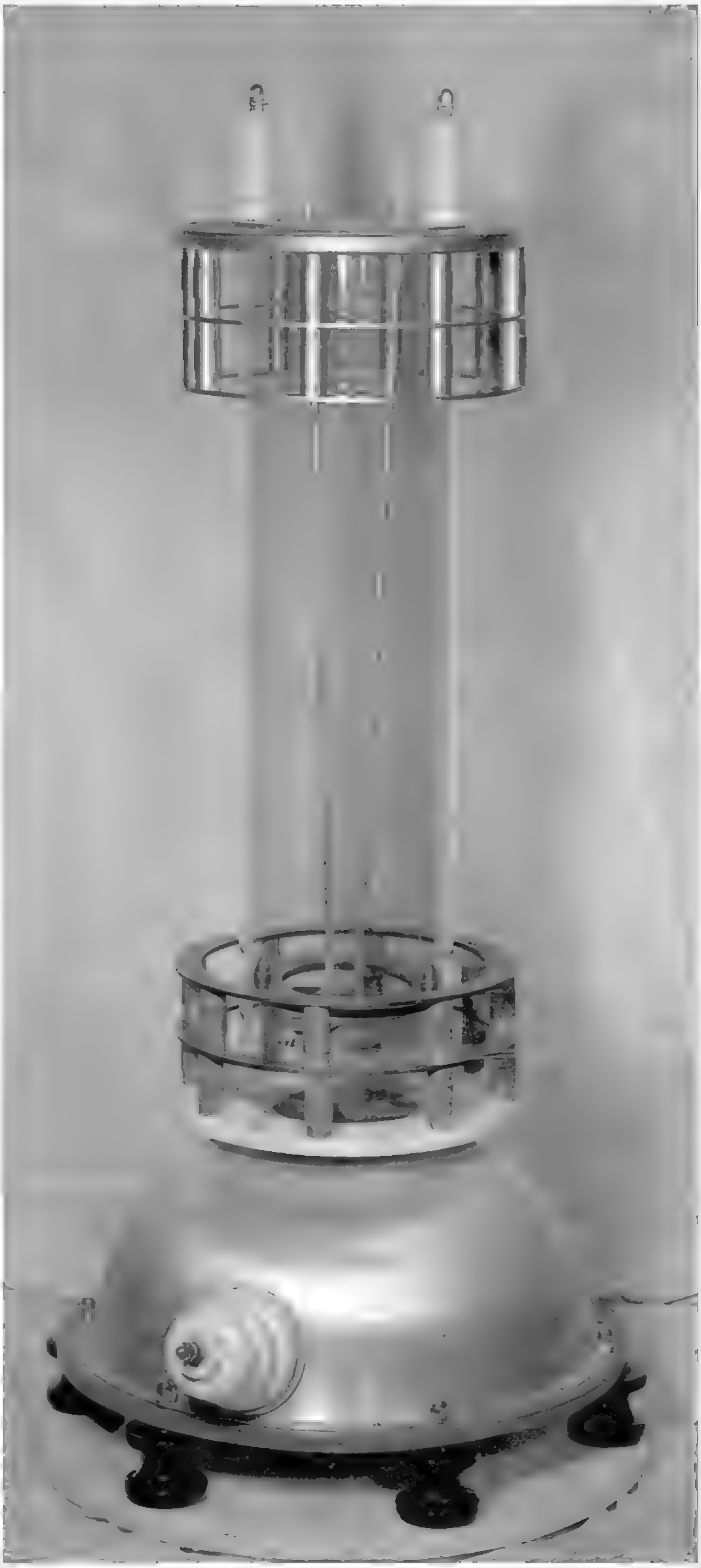




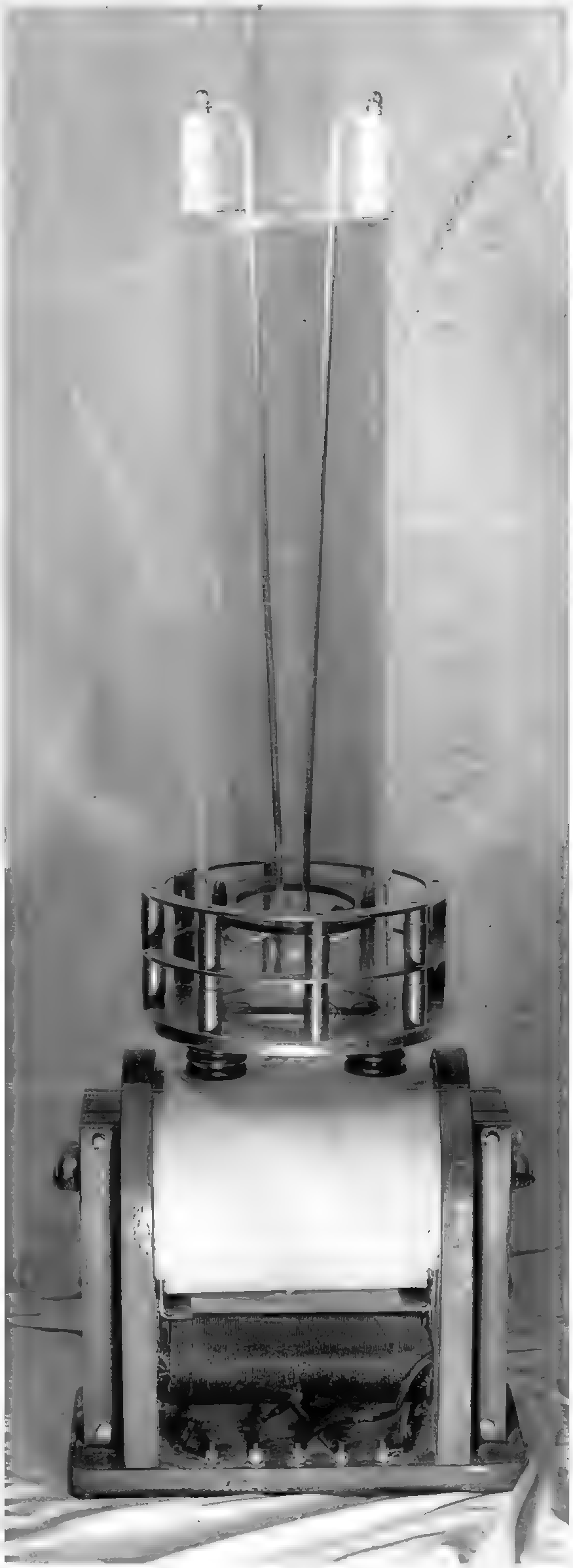


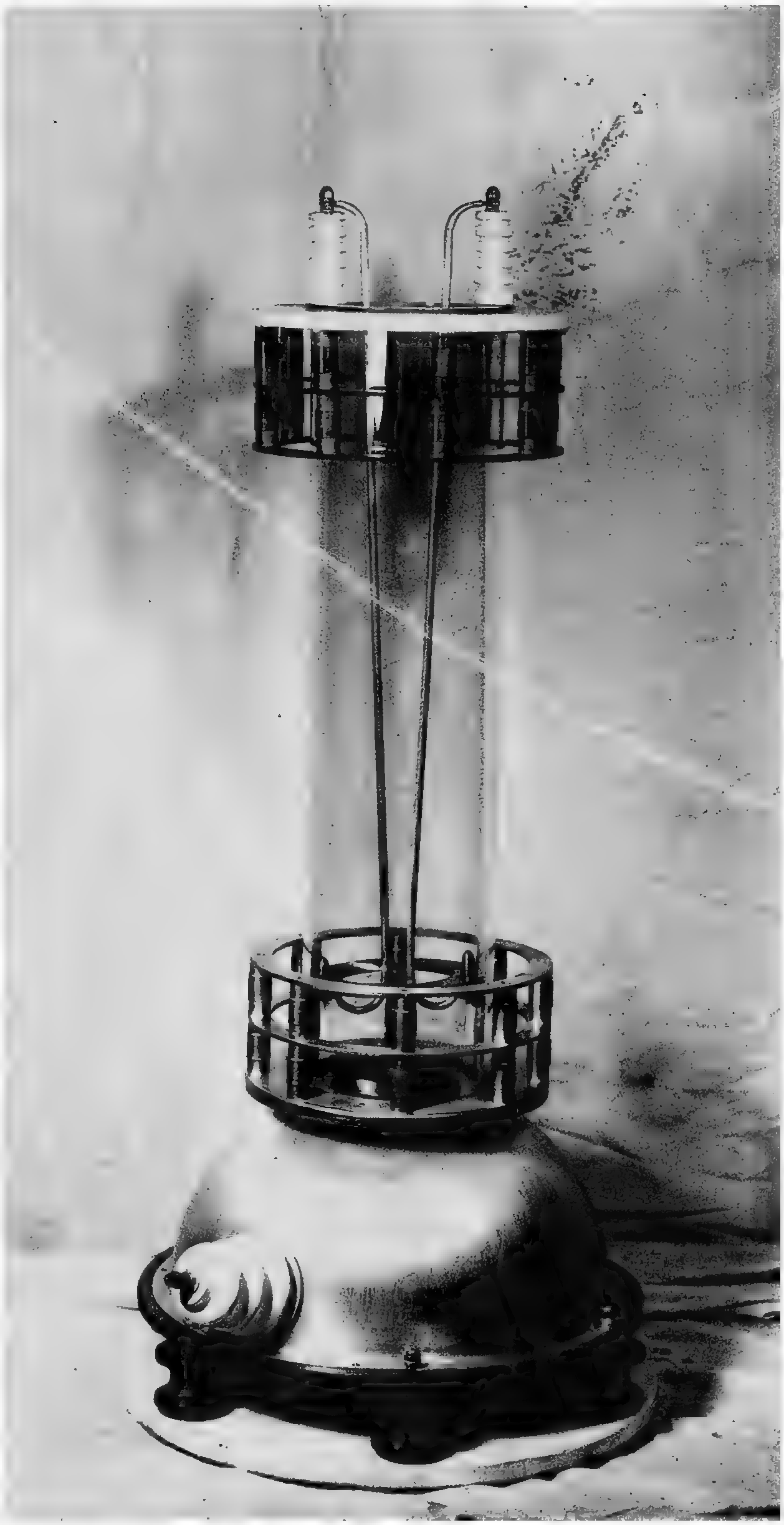


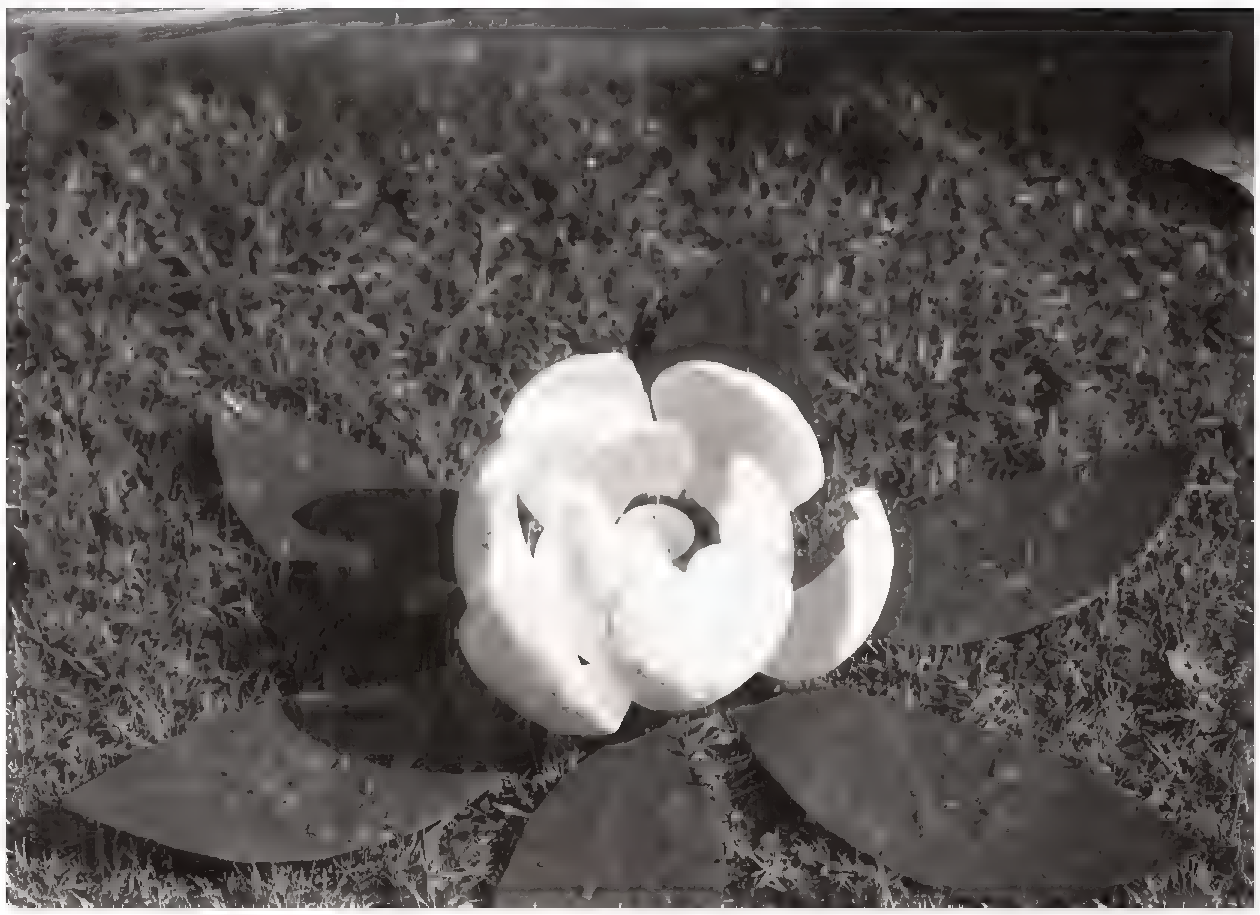












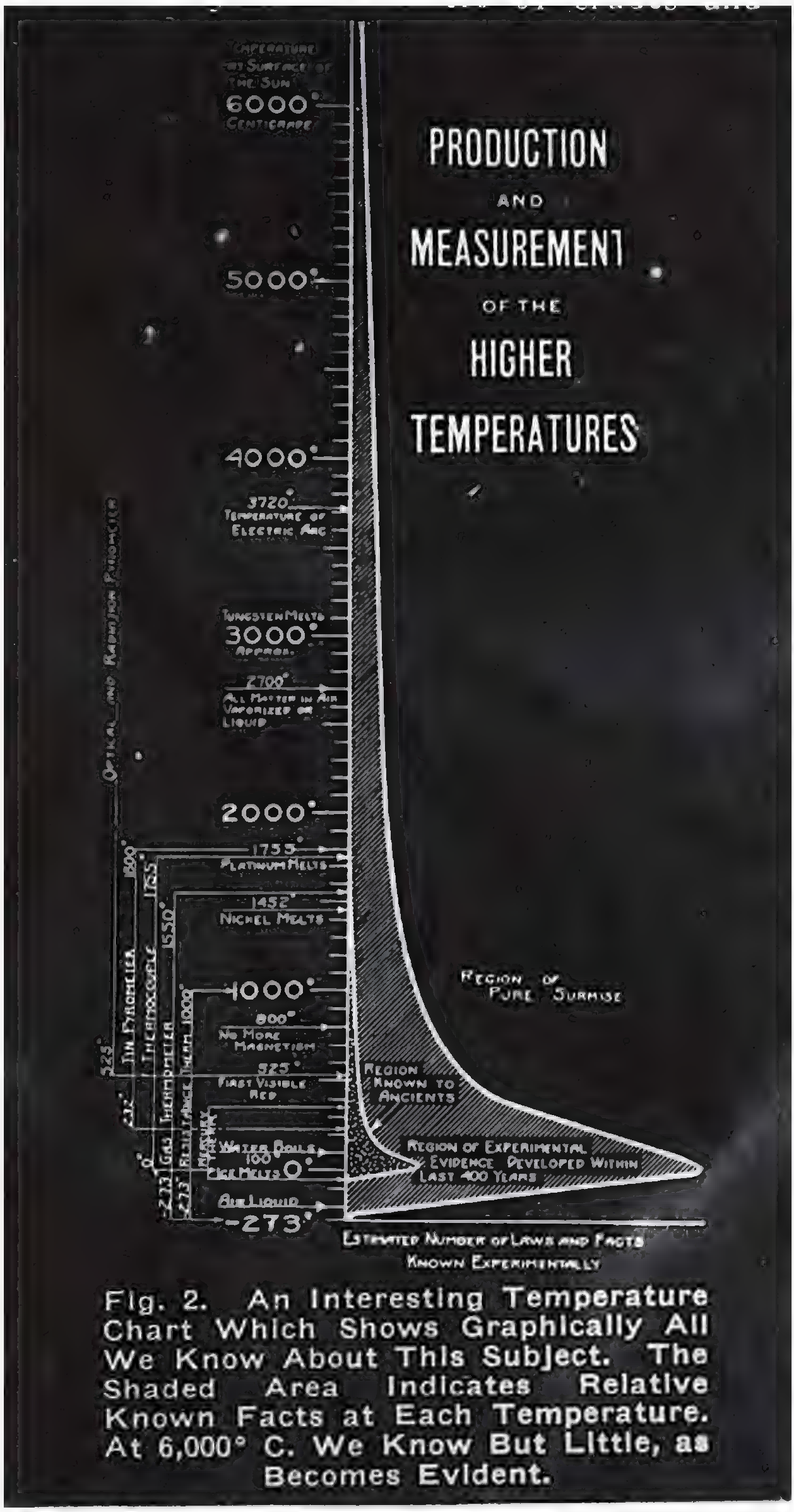


Fig. 2. An Interesting Temperature Chart Which Shows Graphically All We Know About This Subject. The Shaded Area Indicates Relative Known Facts at Each Temperature. At 6,000° C. We Know But Little, as Becomes Evident.

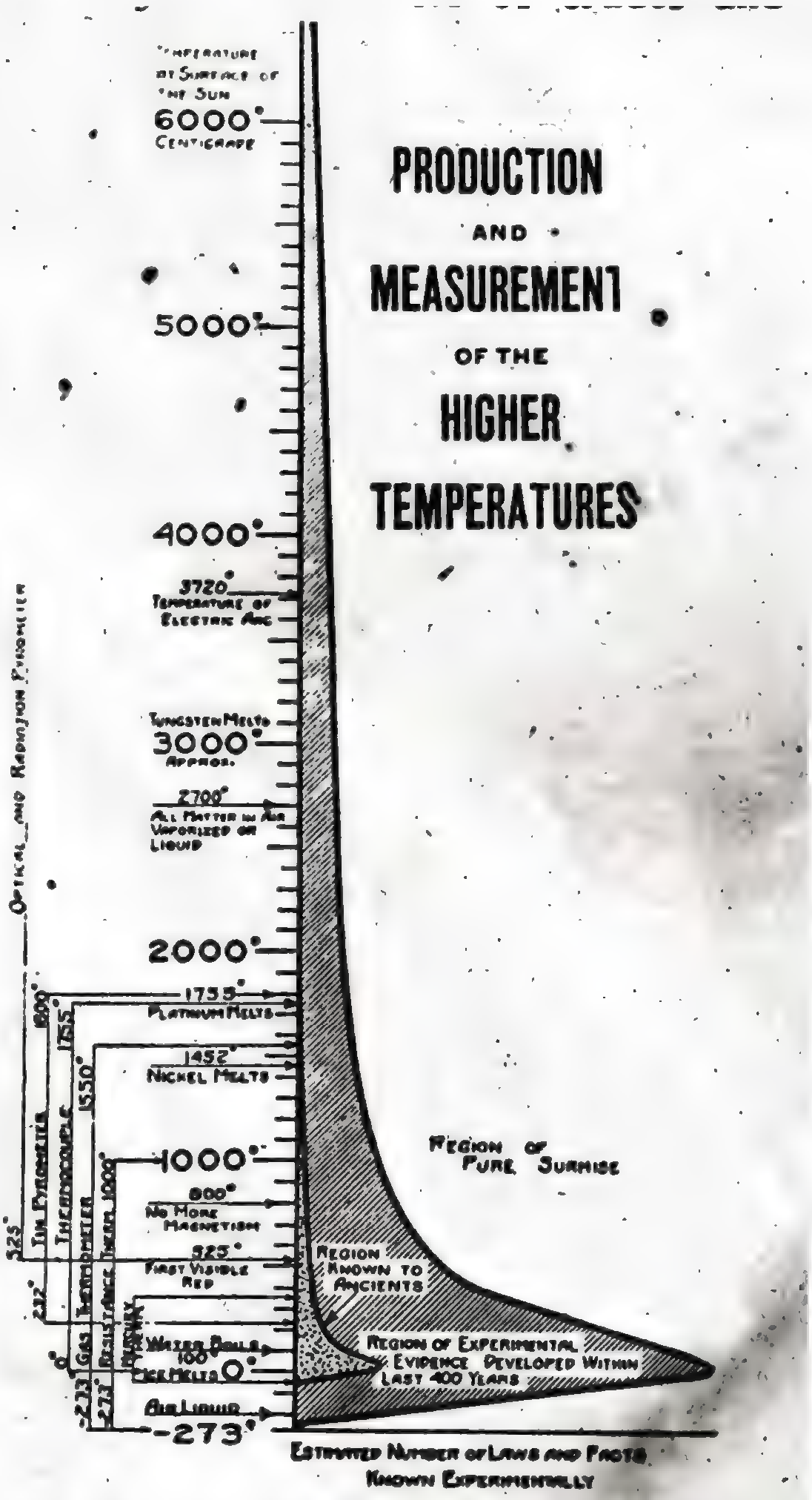
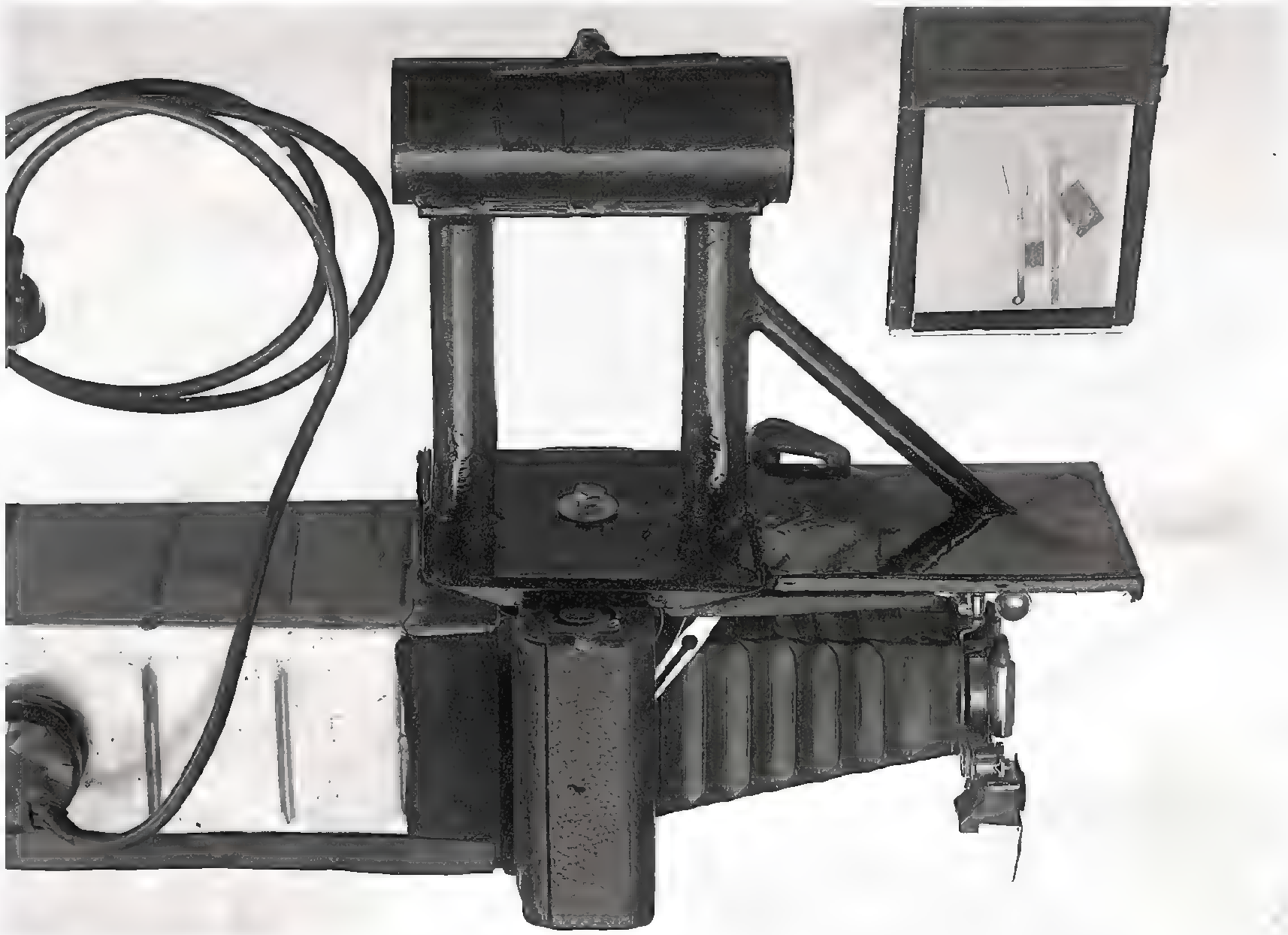
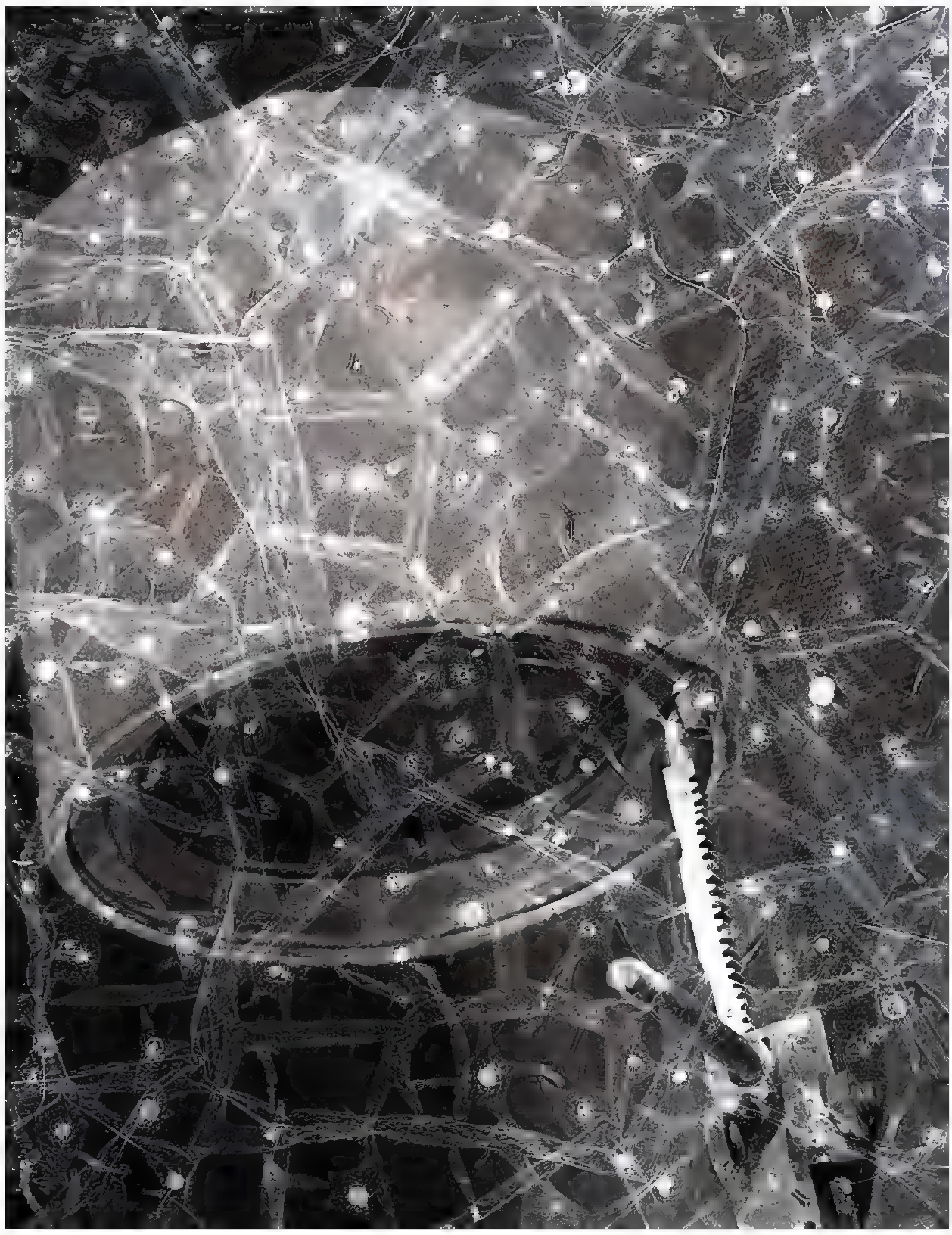


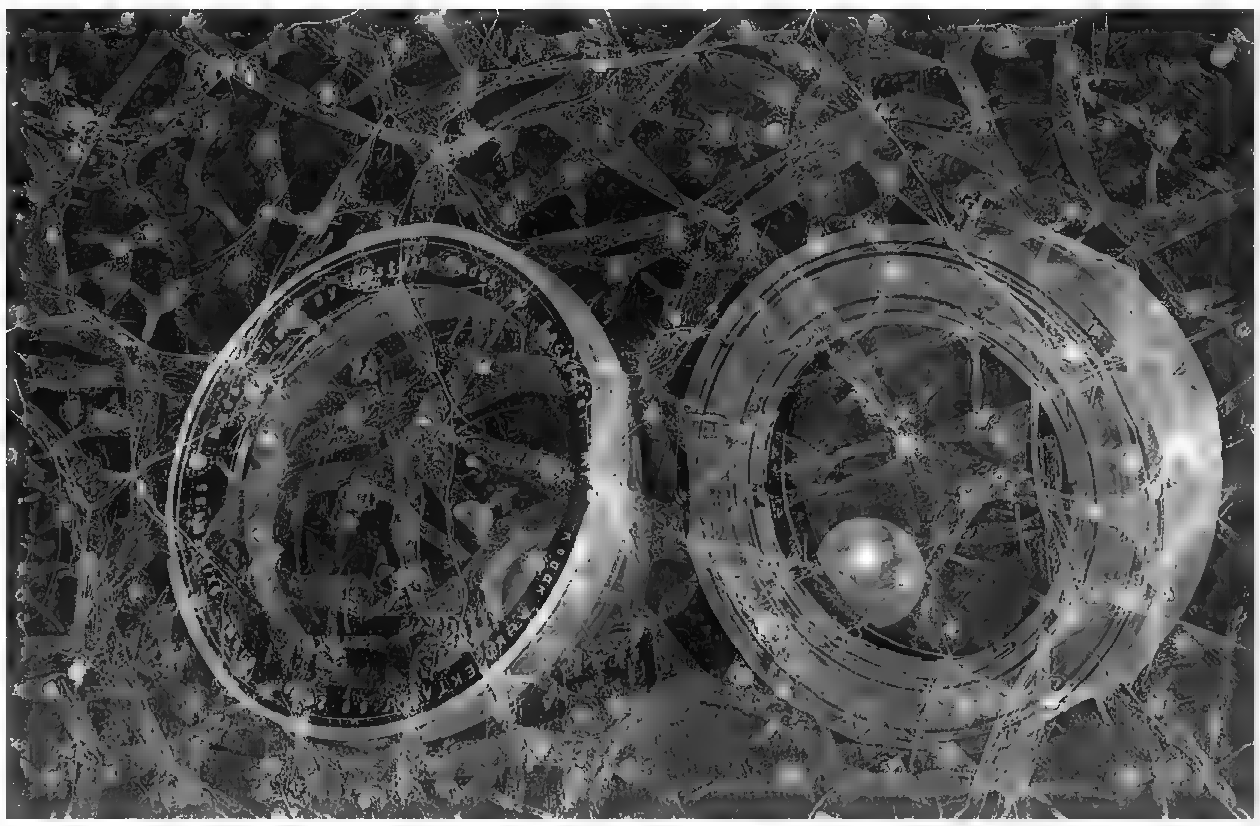
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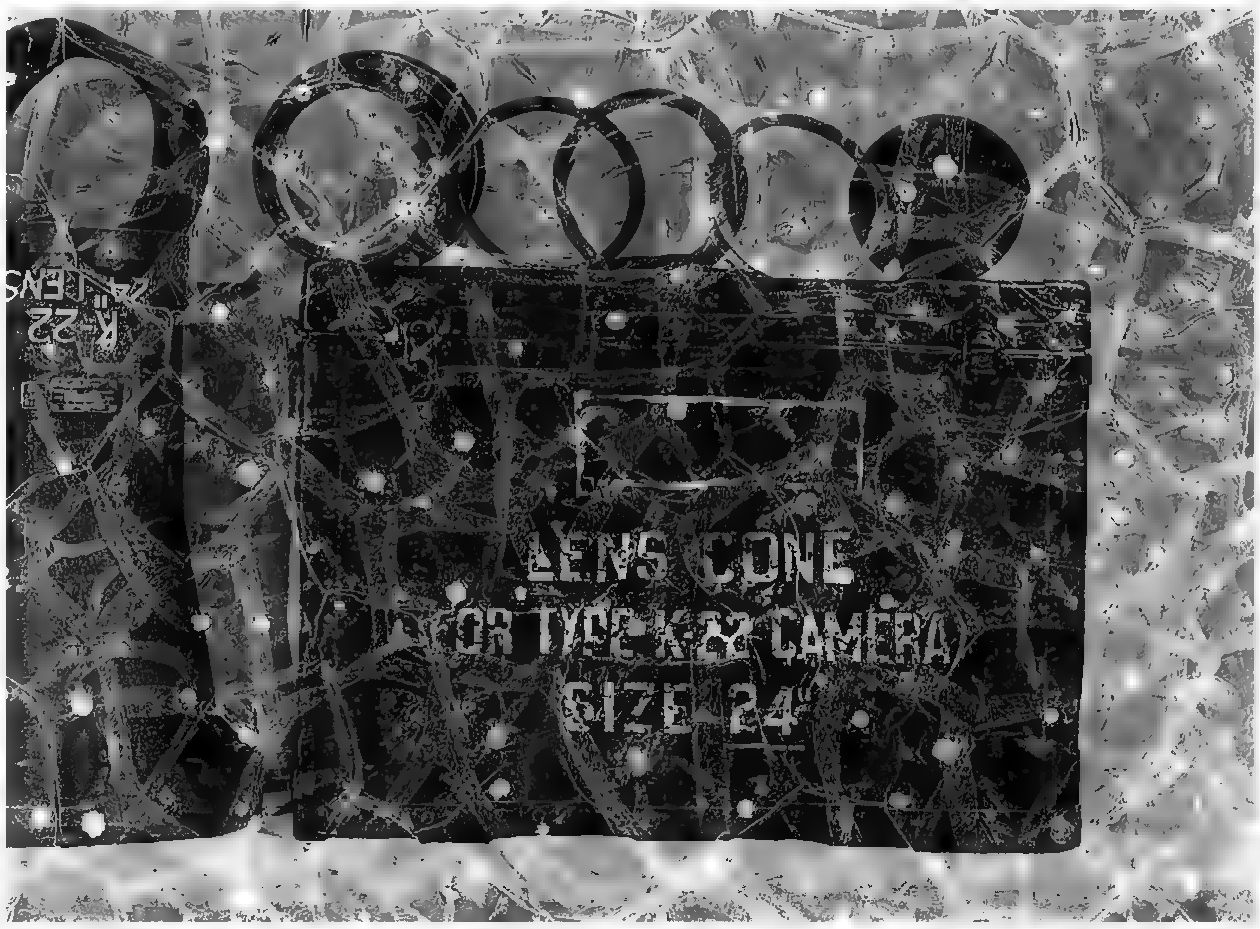


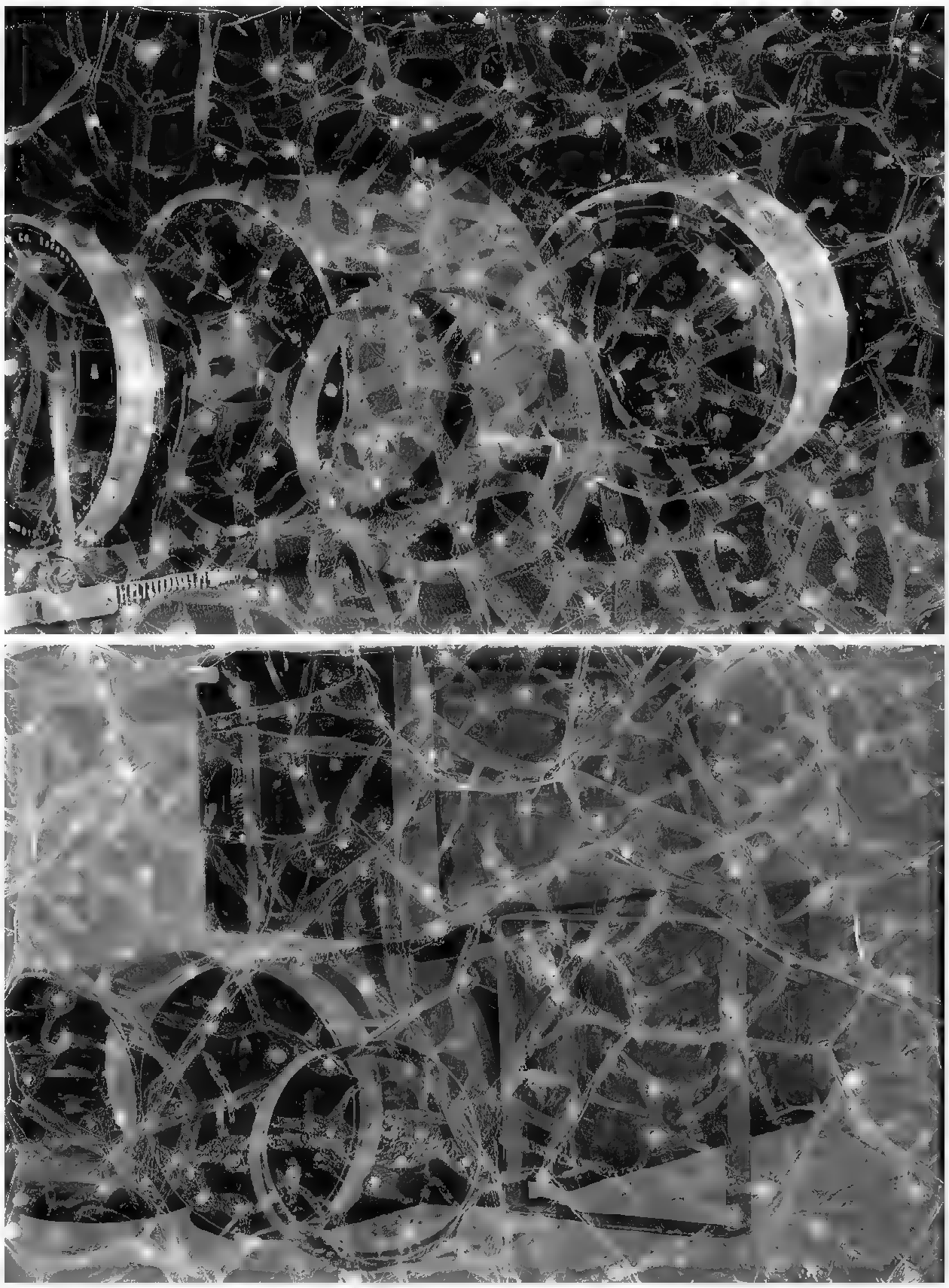


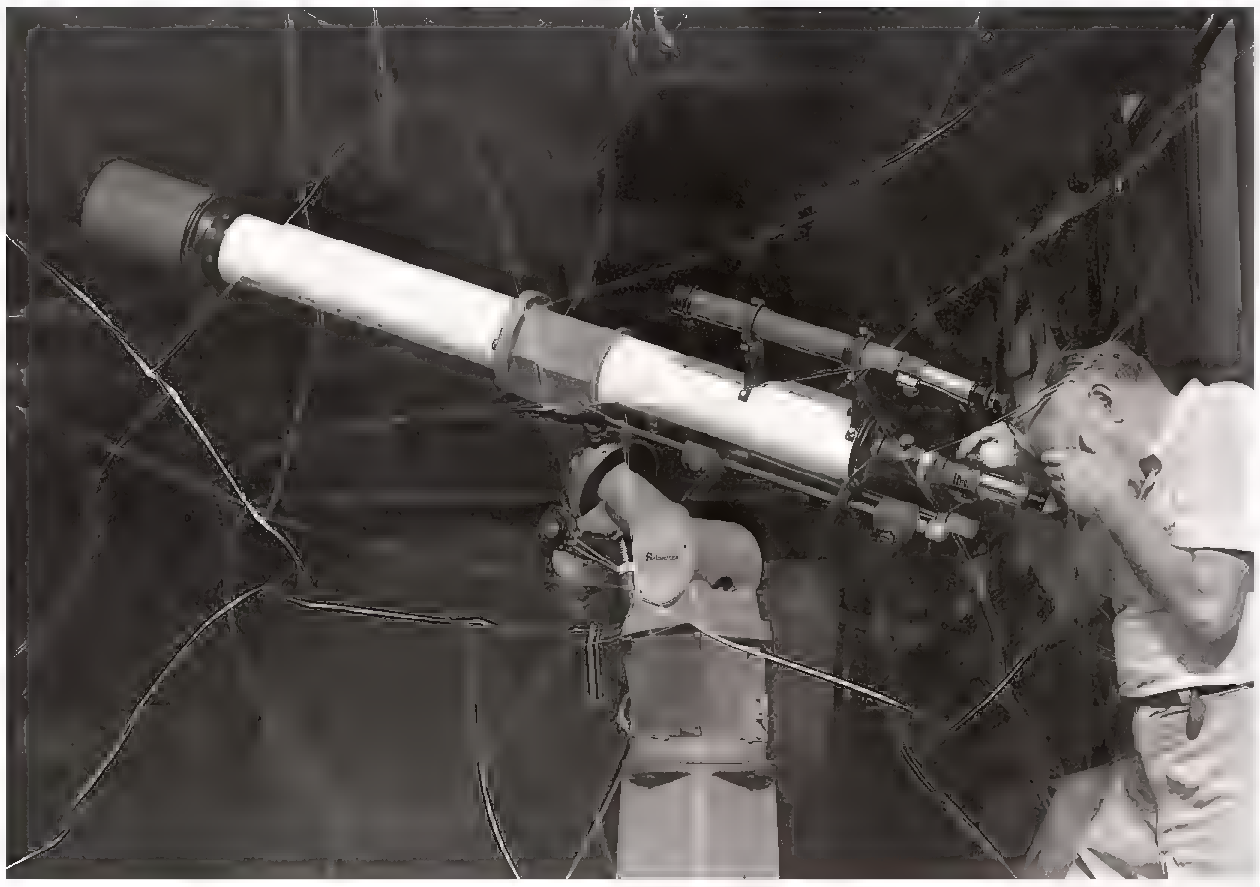


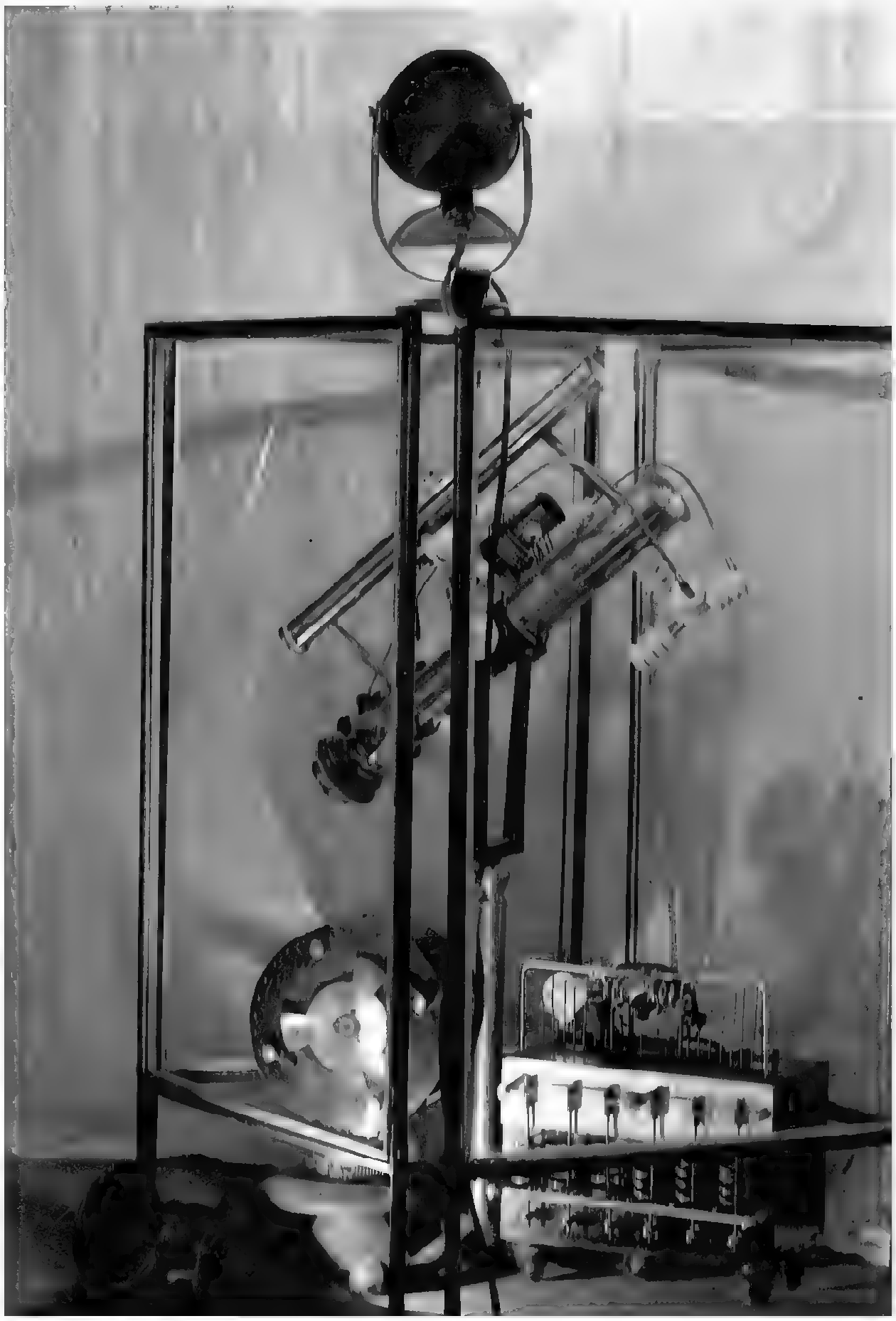


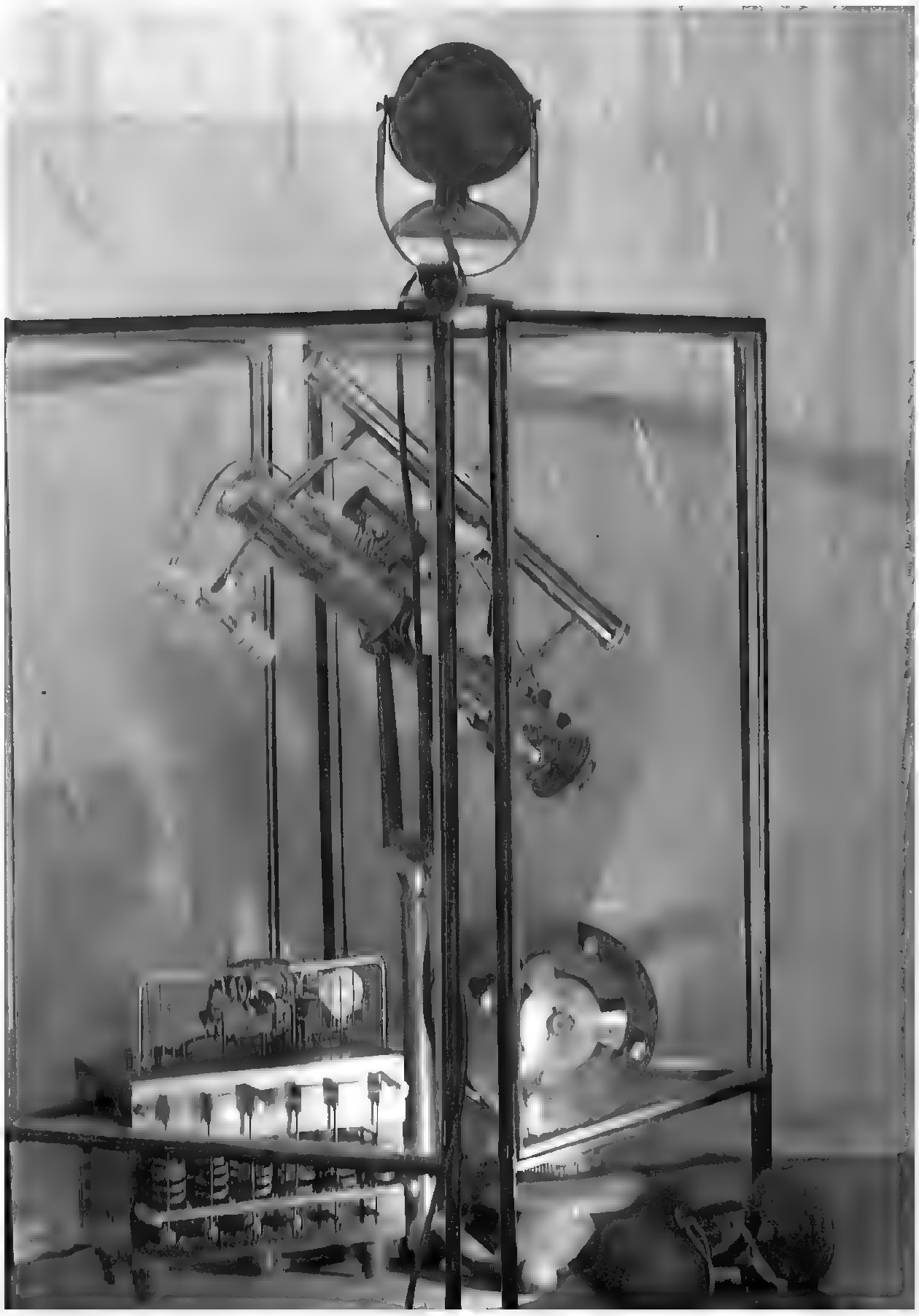


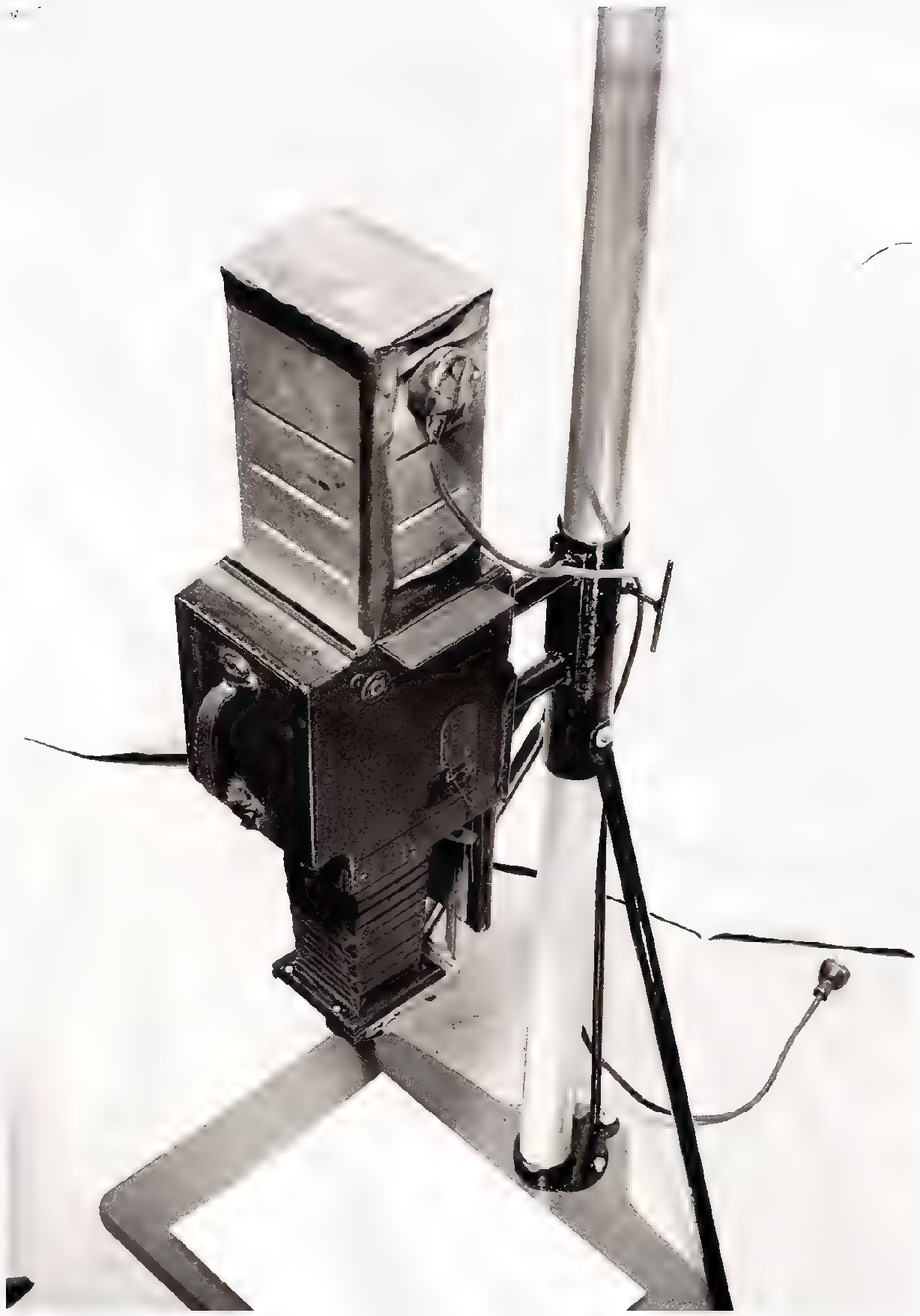

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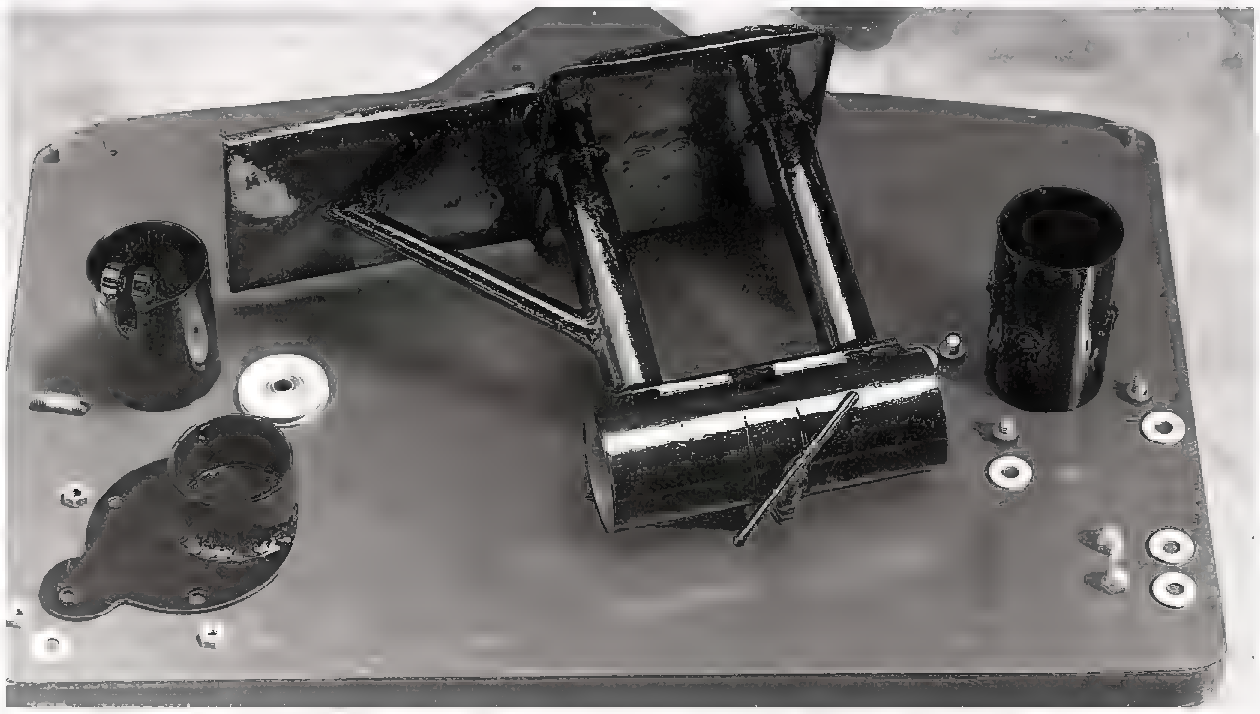


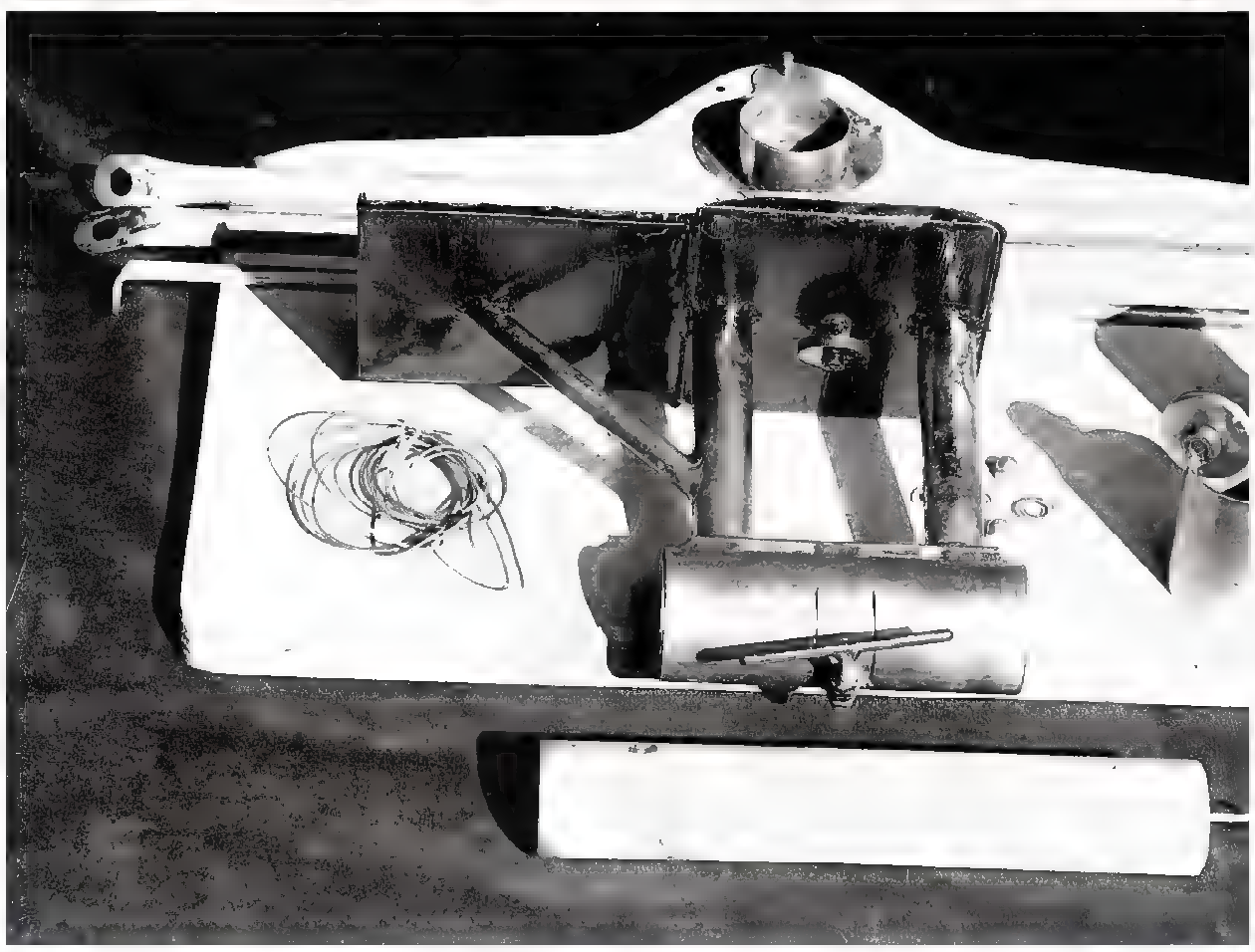




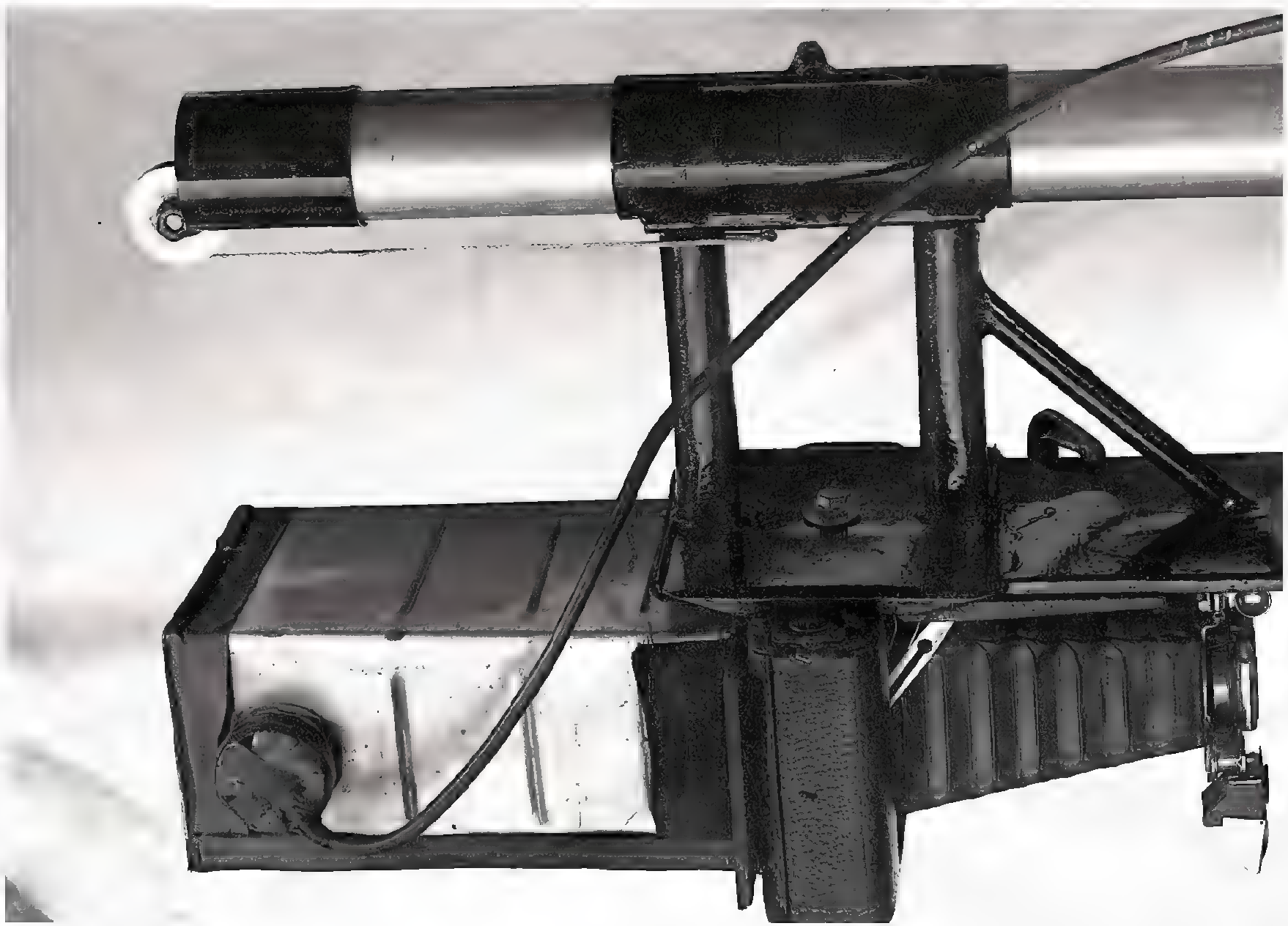




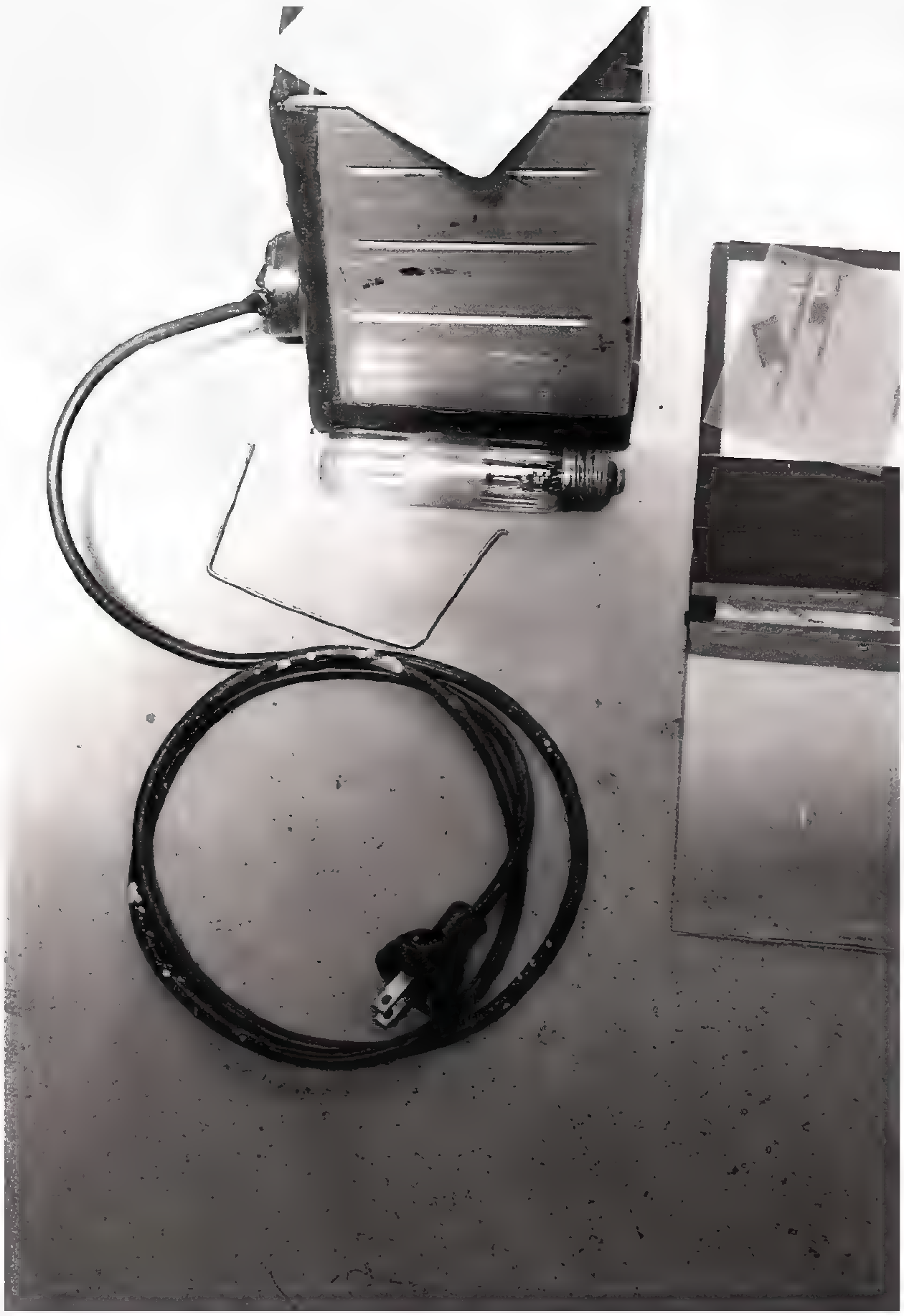


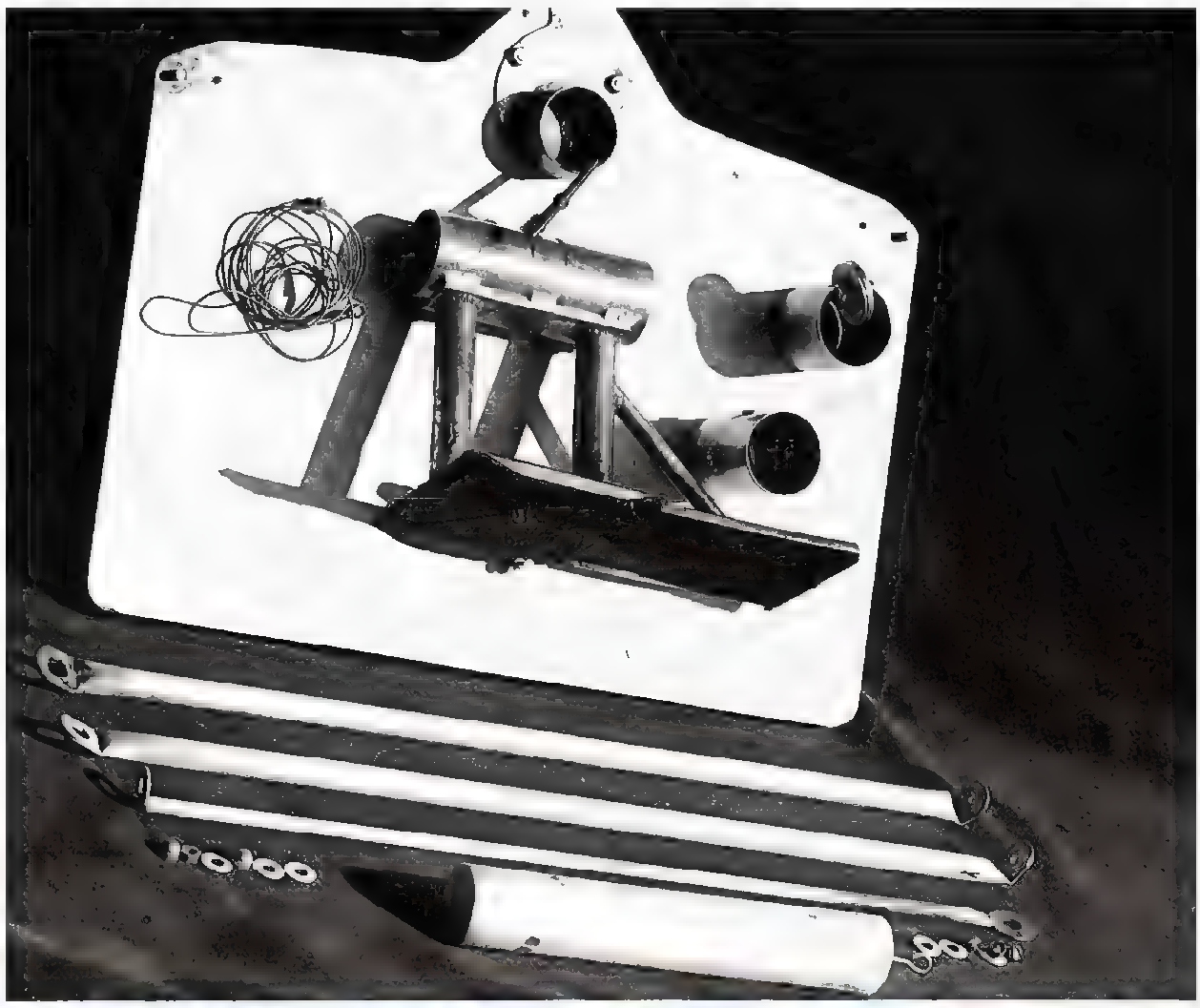






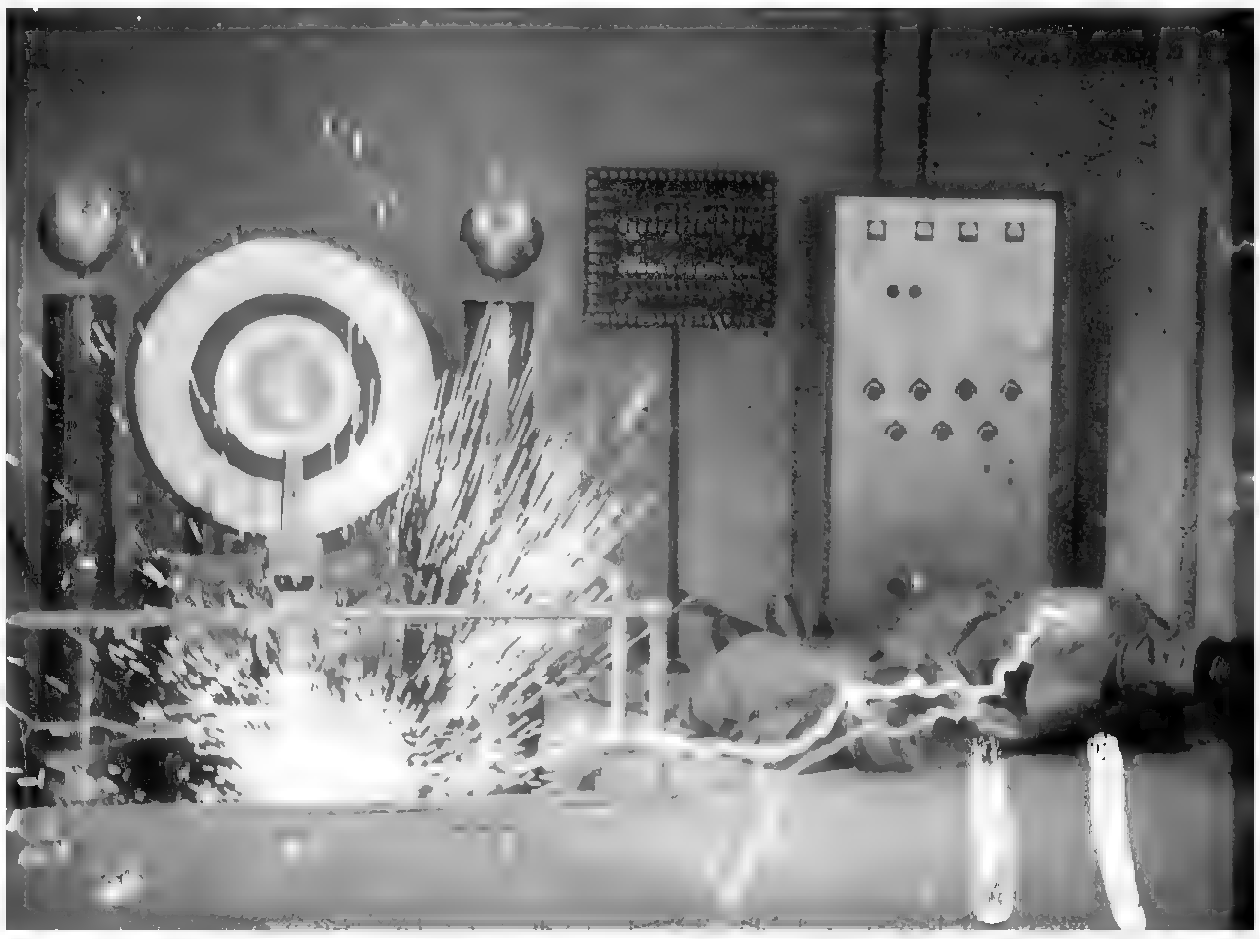


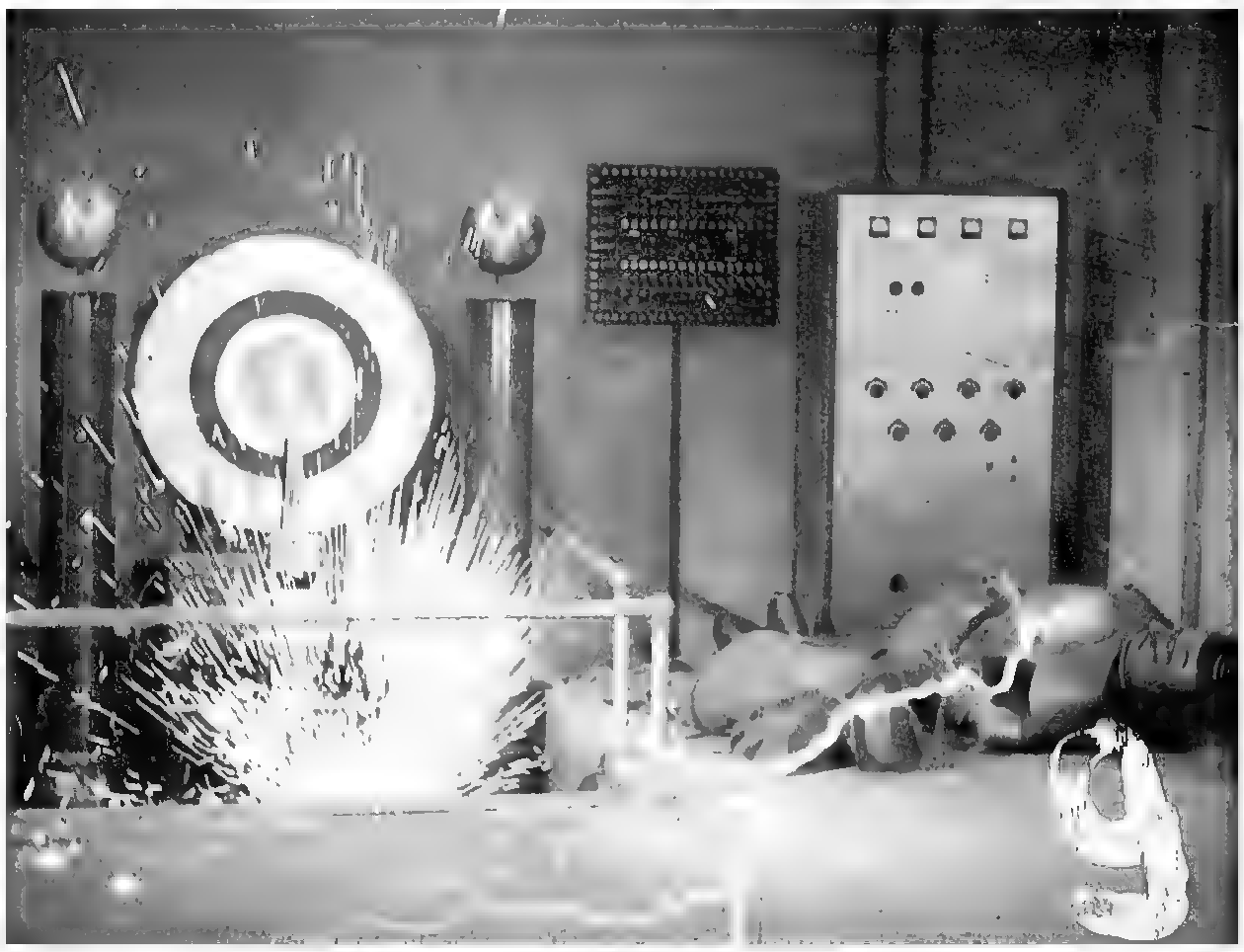


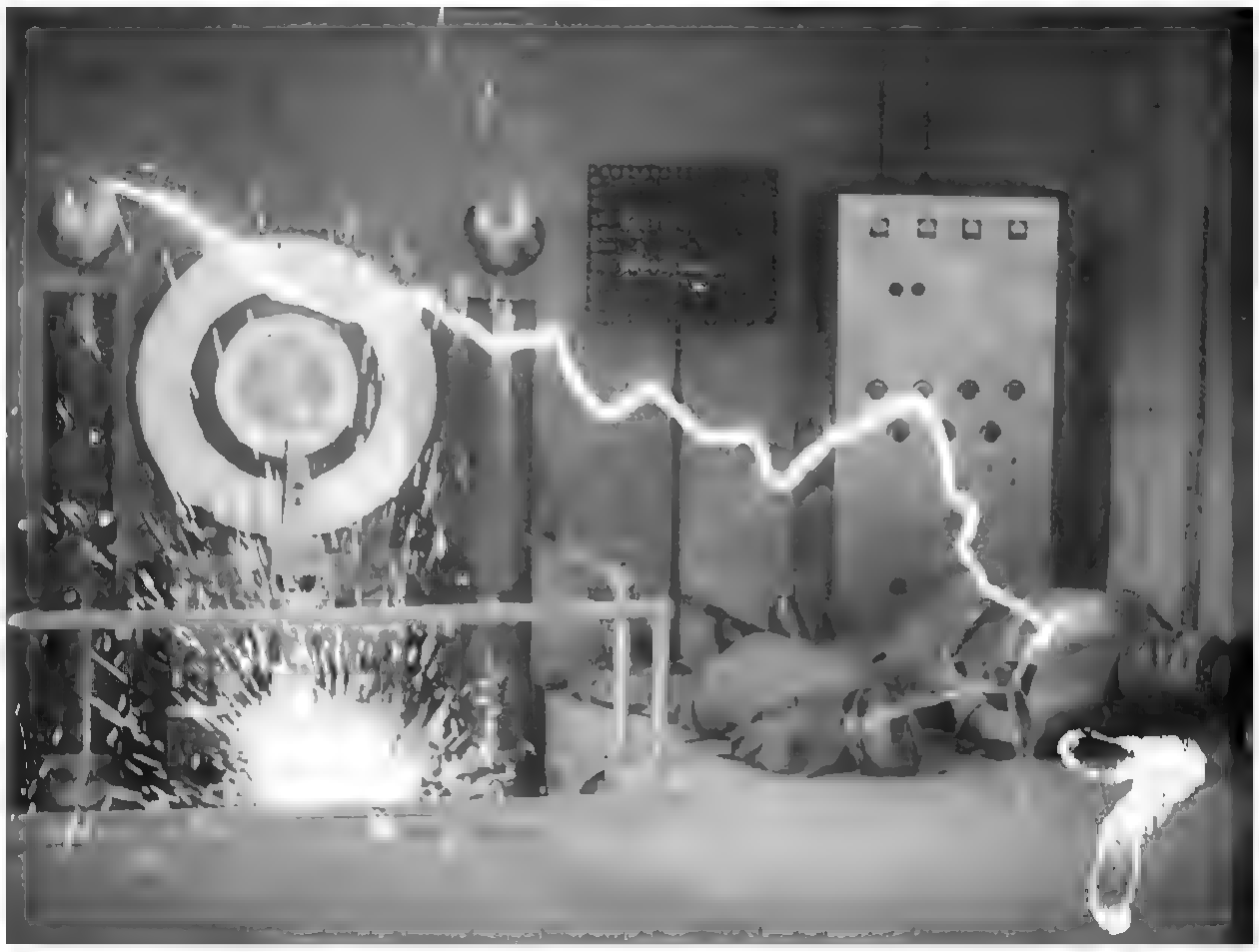


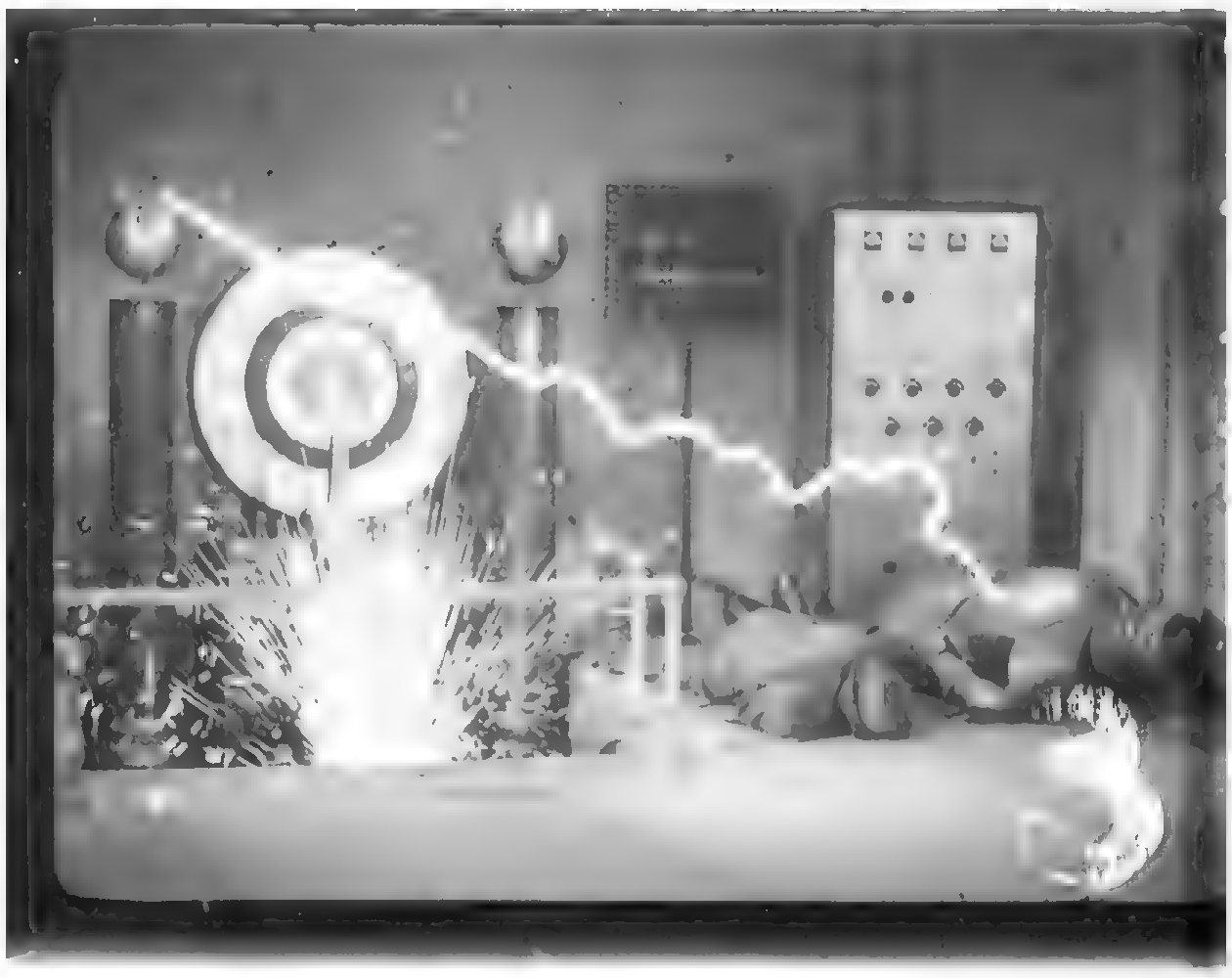


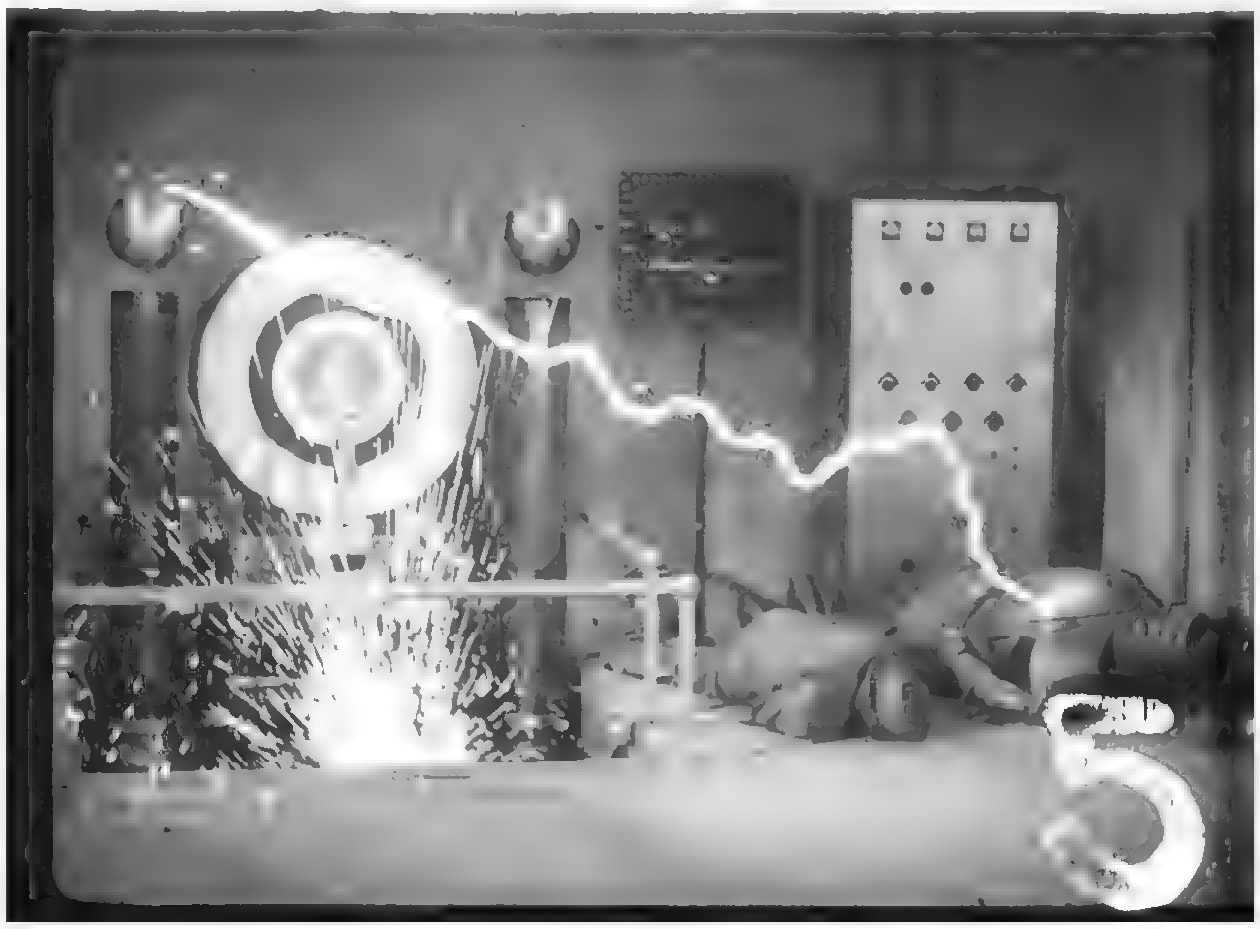


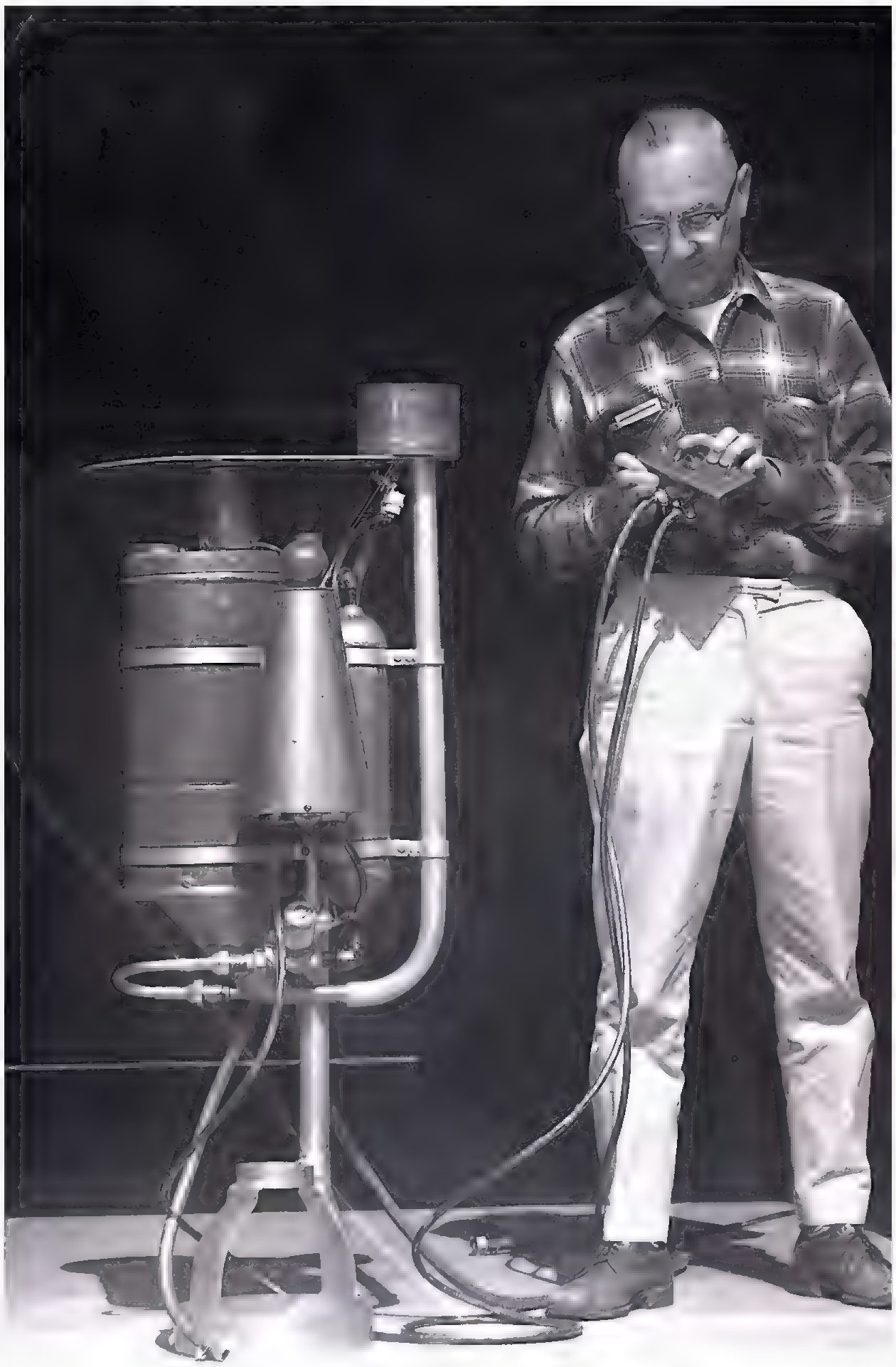









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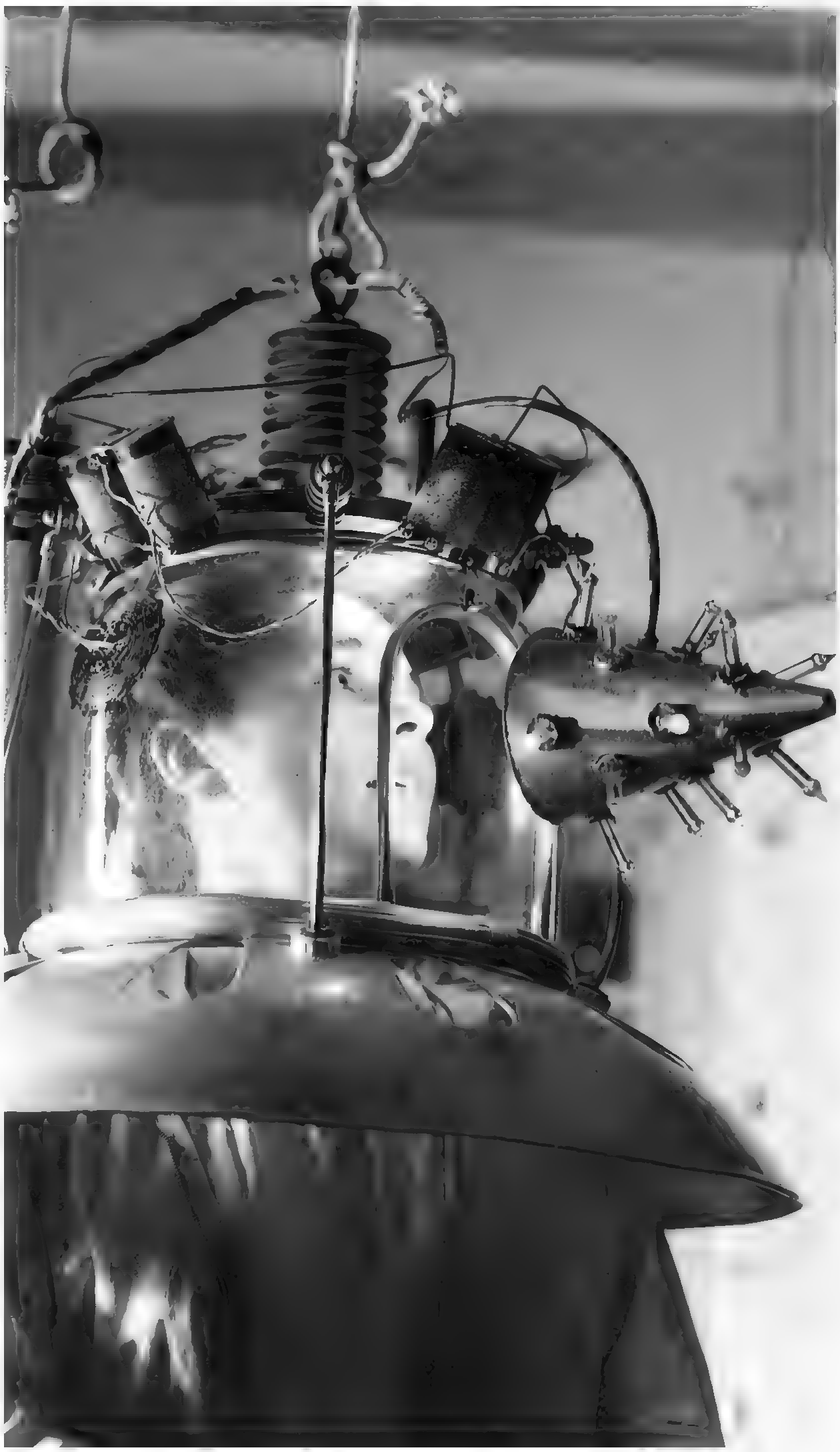
















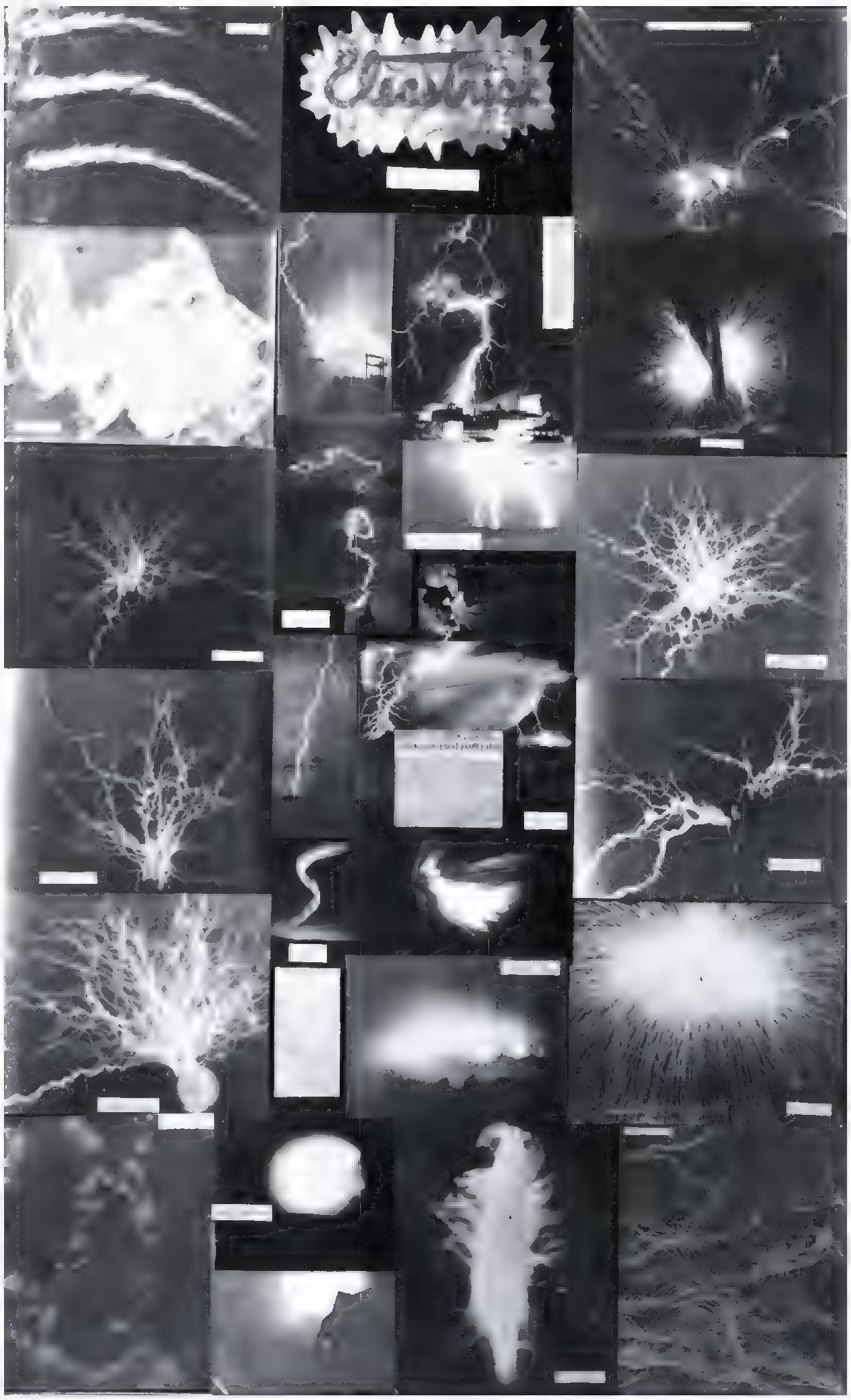


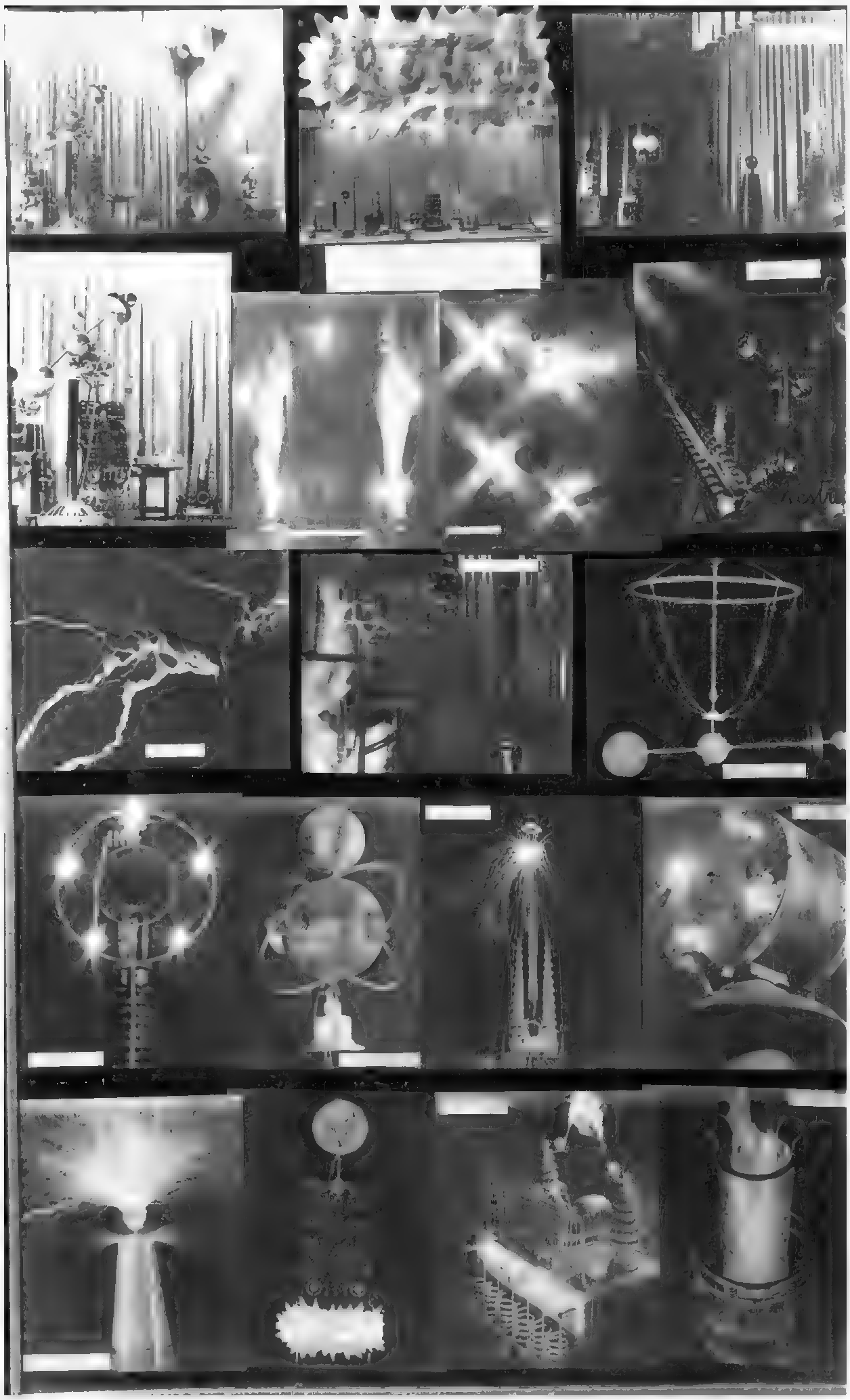


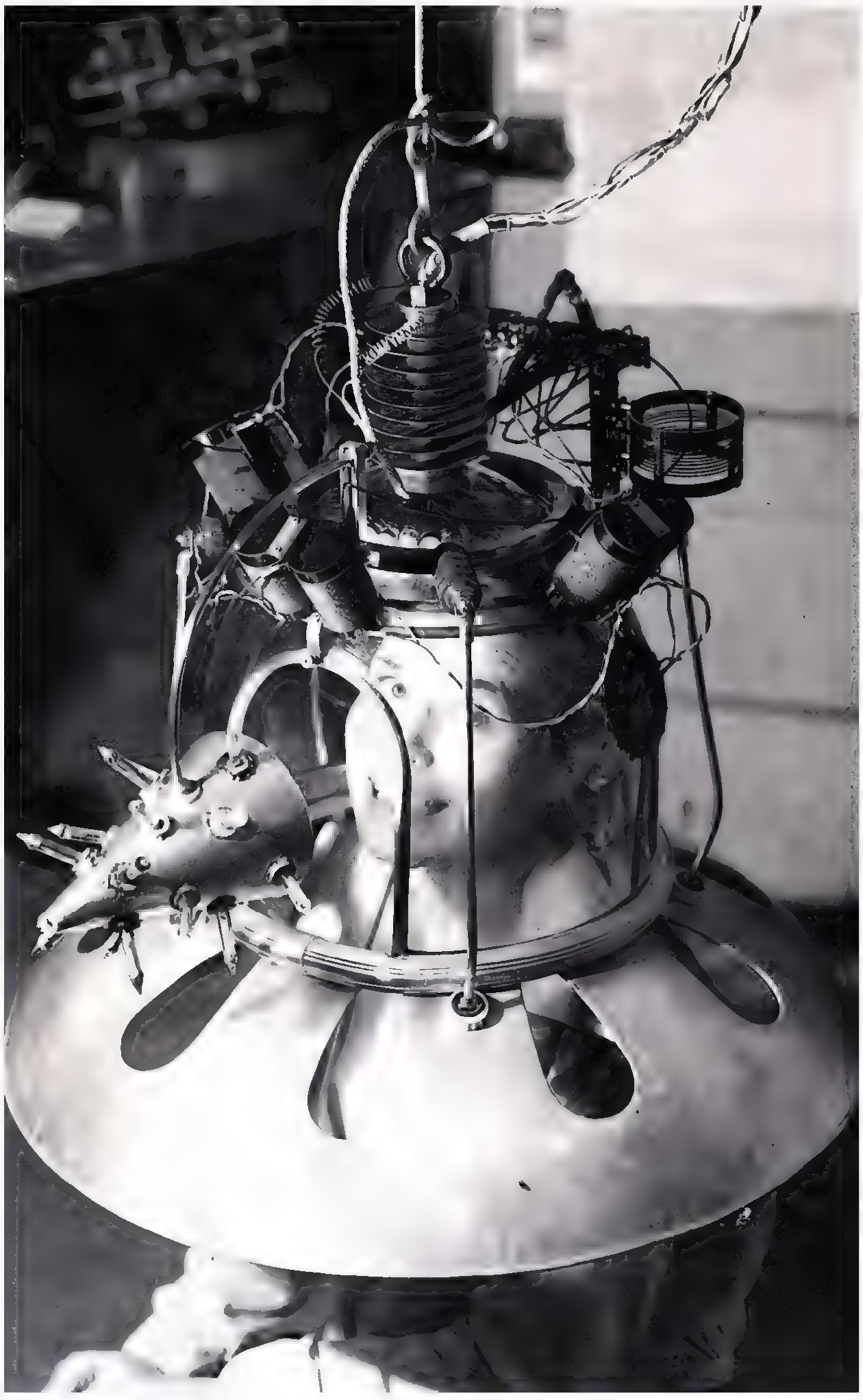














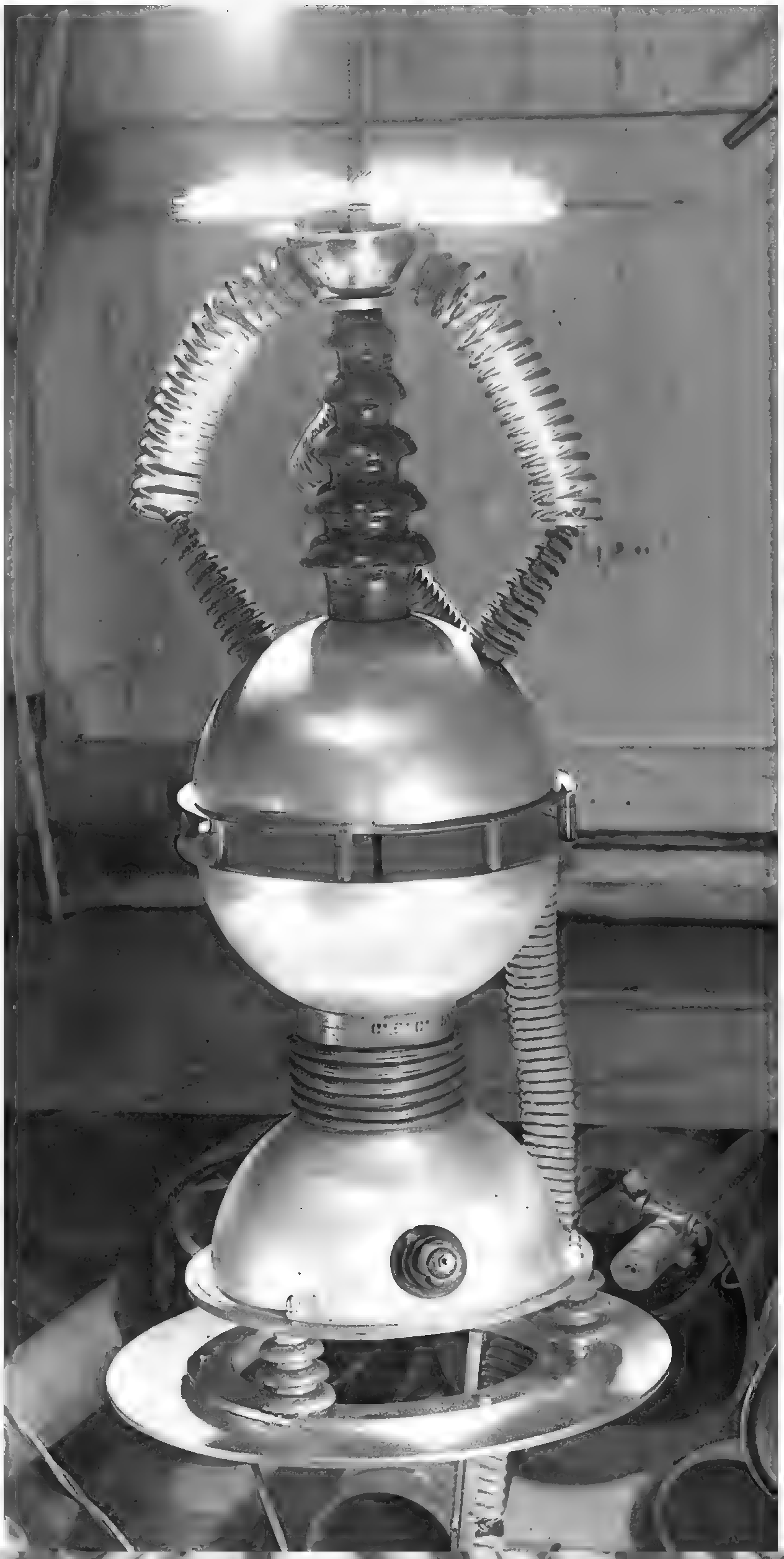




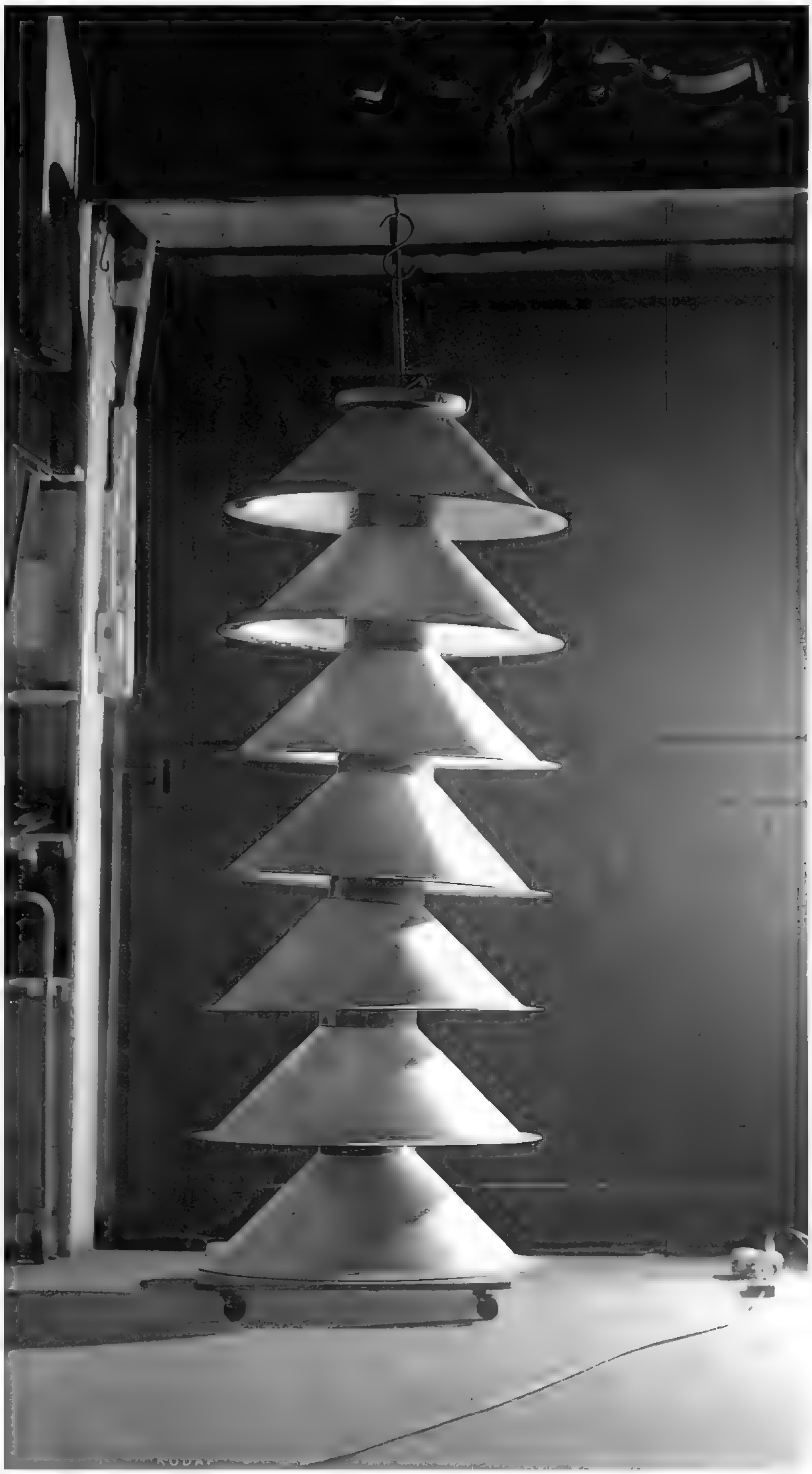





Electric







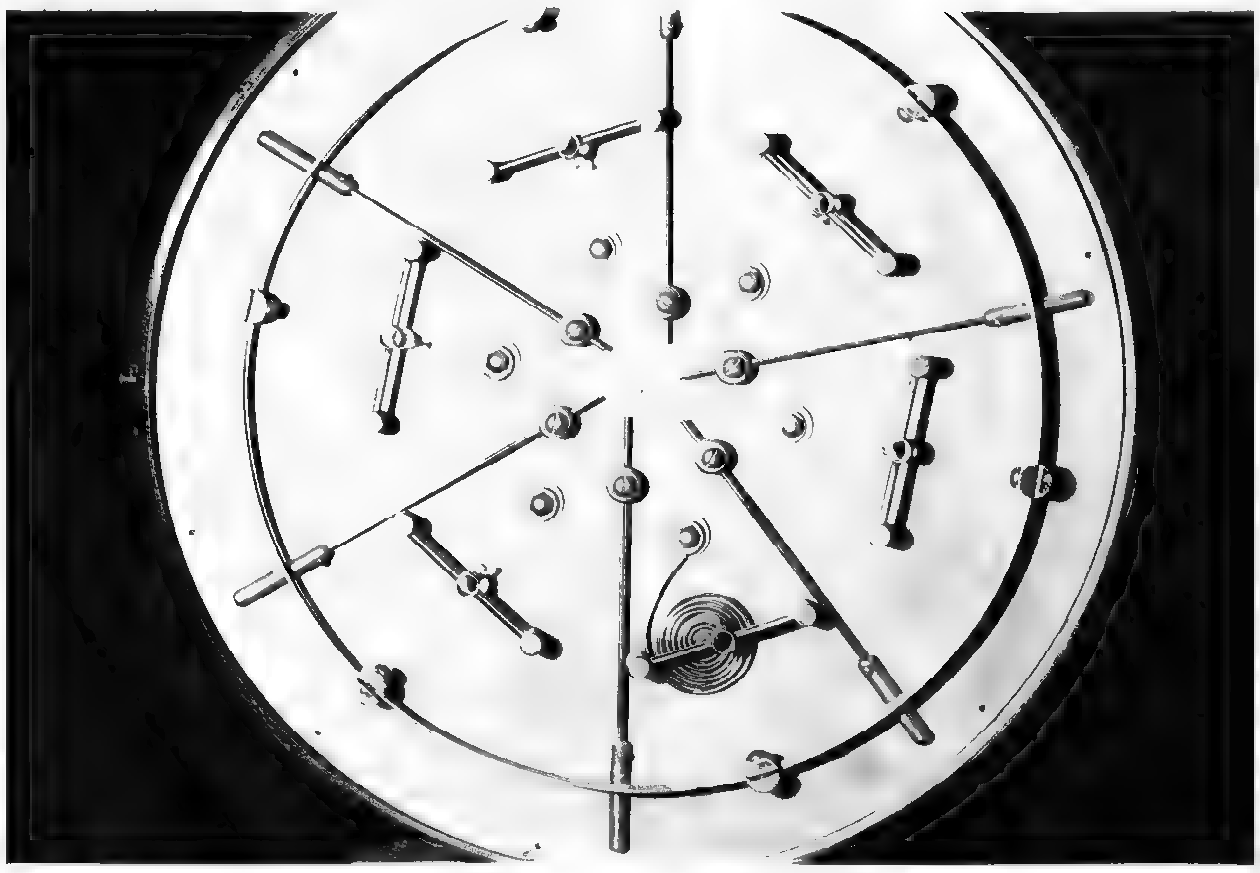






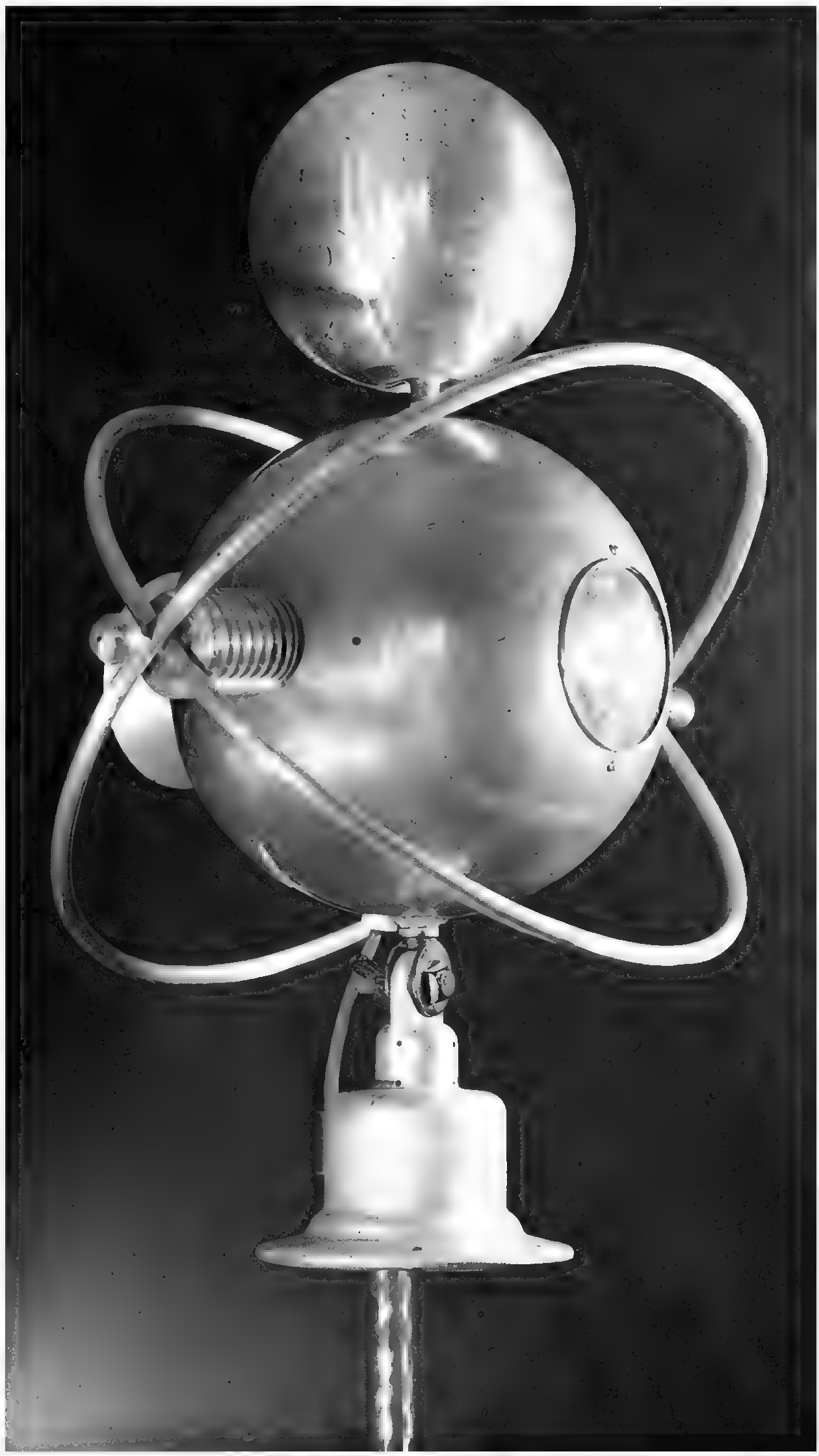

HIGH VOLTAGE





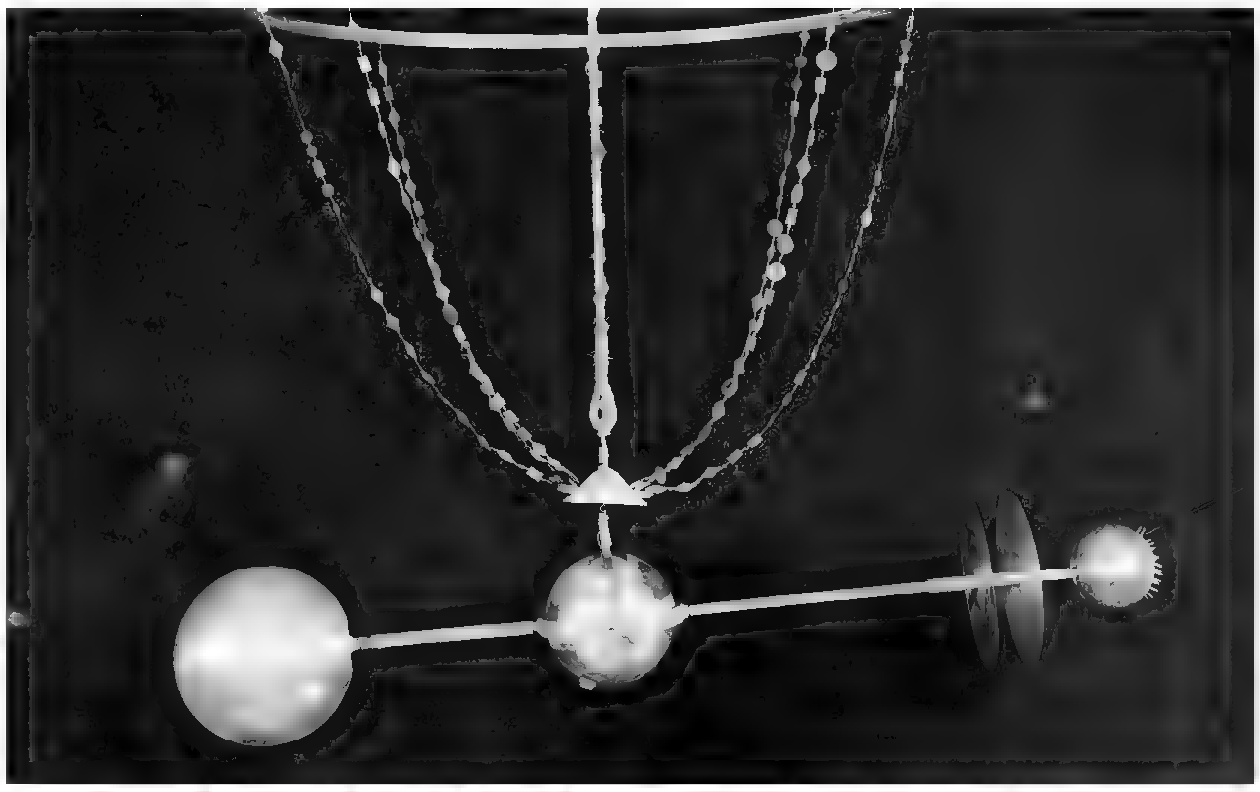




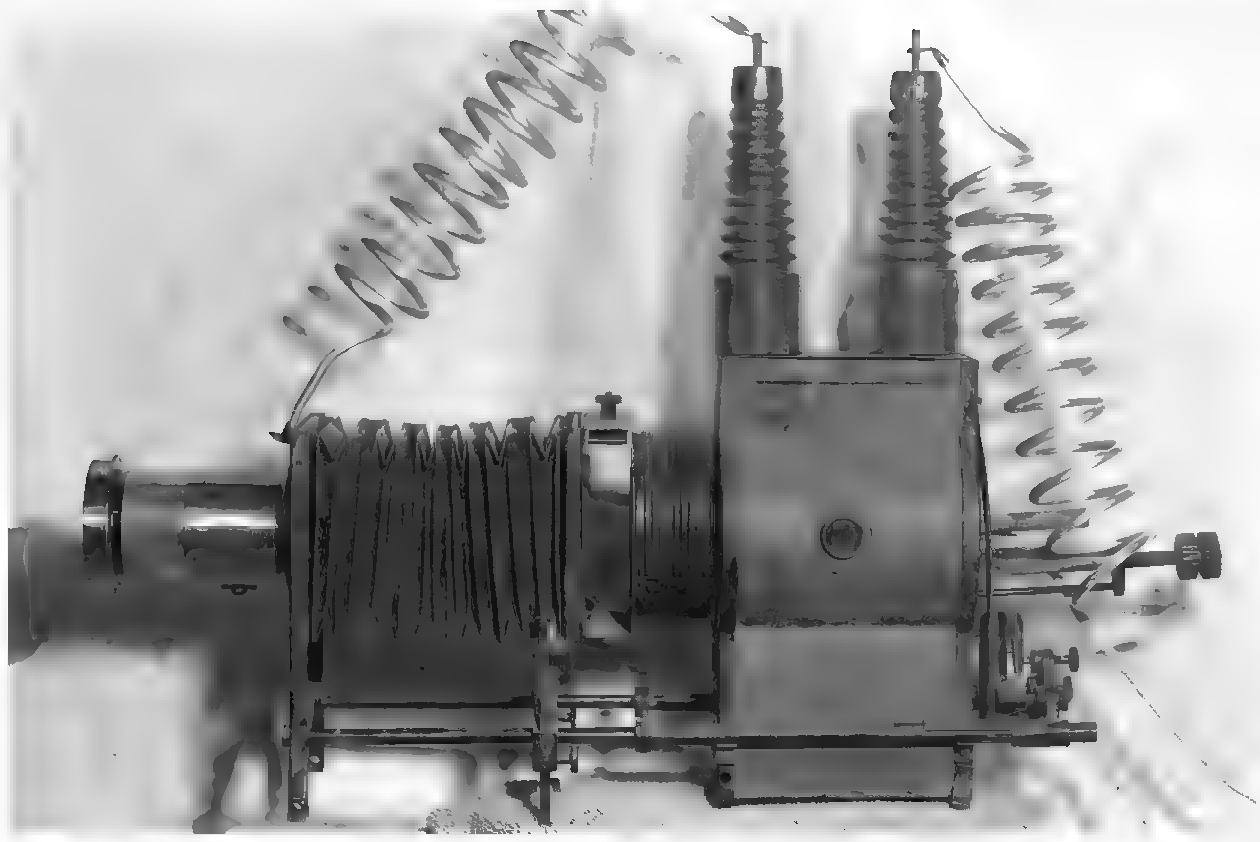


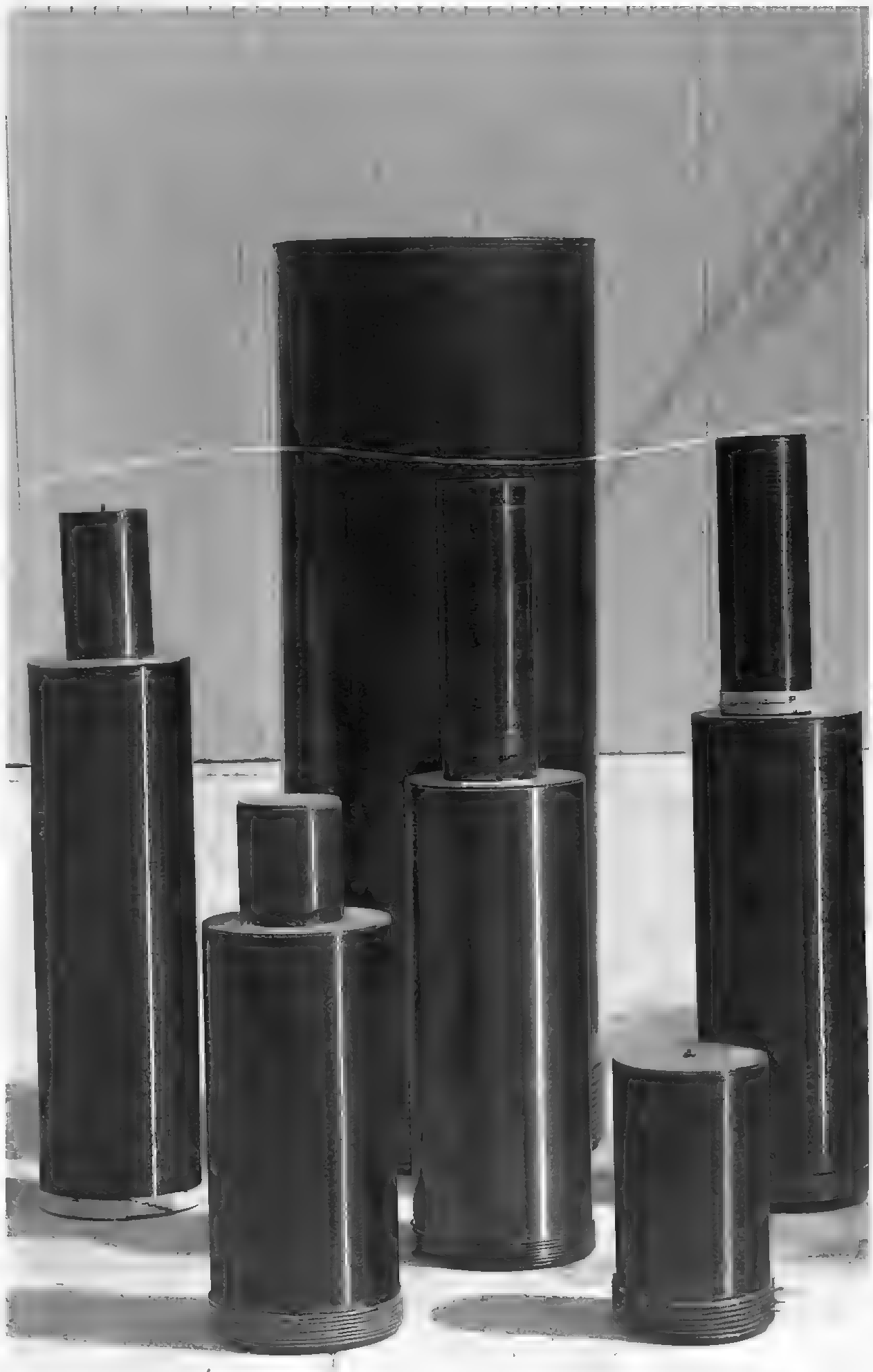


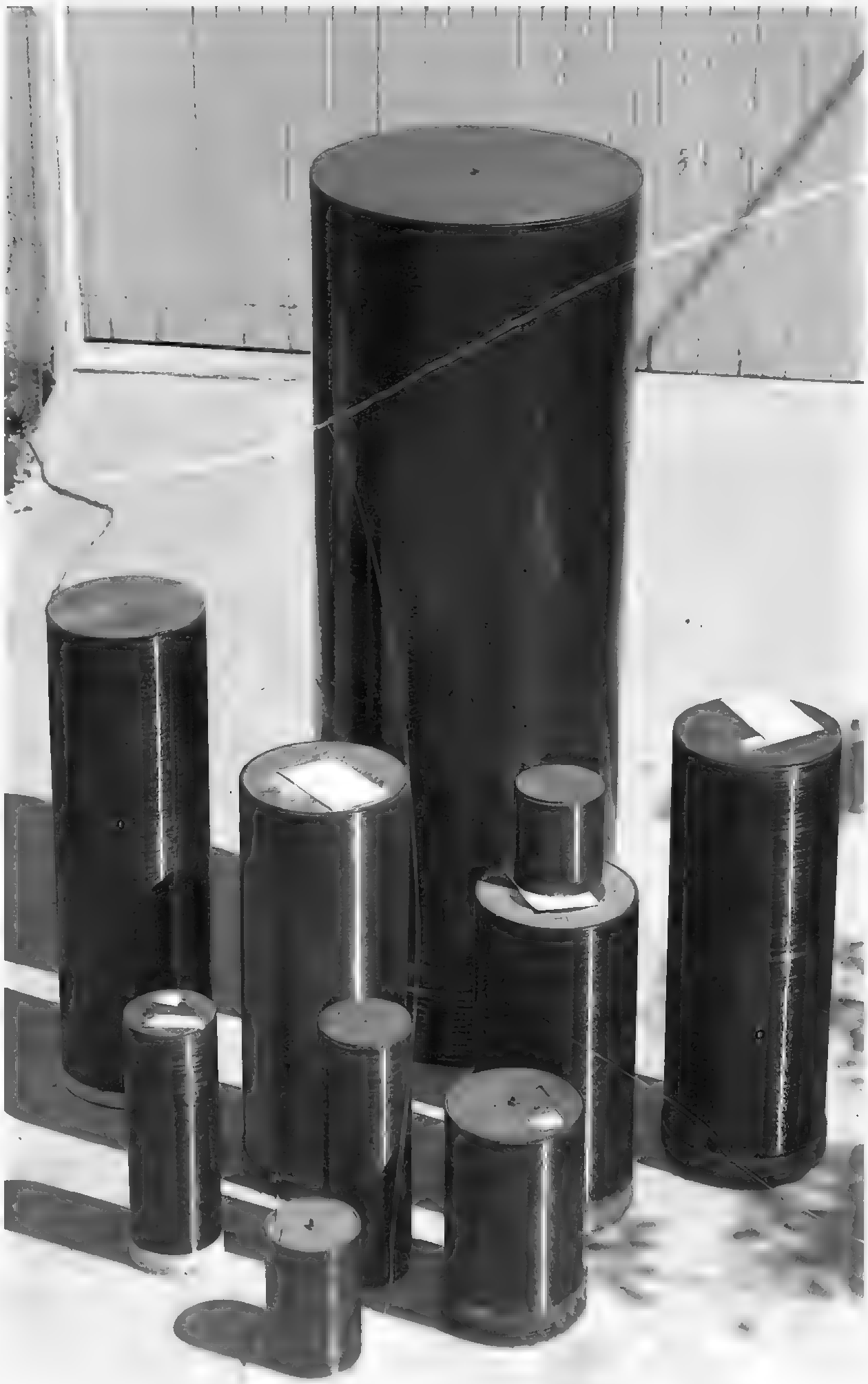




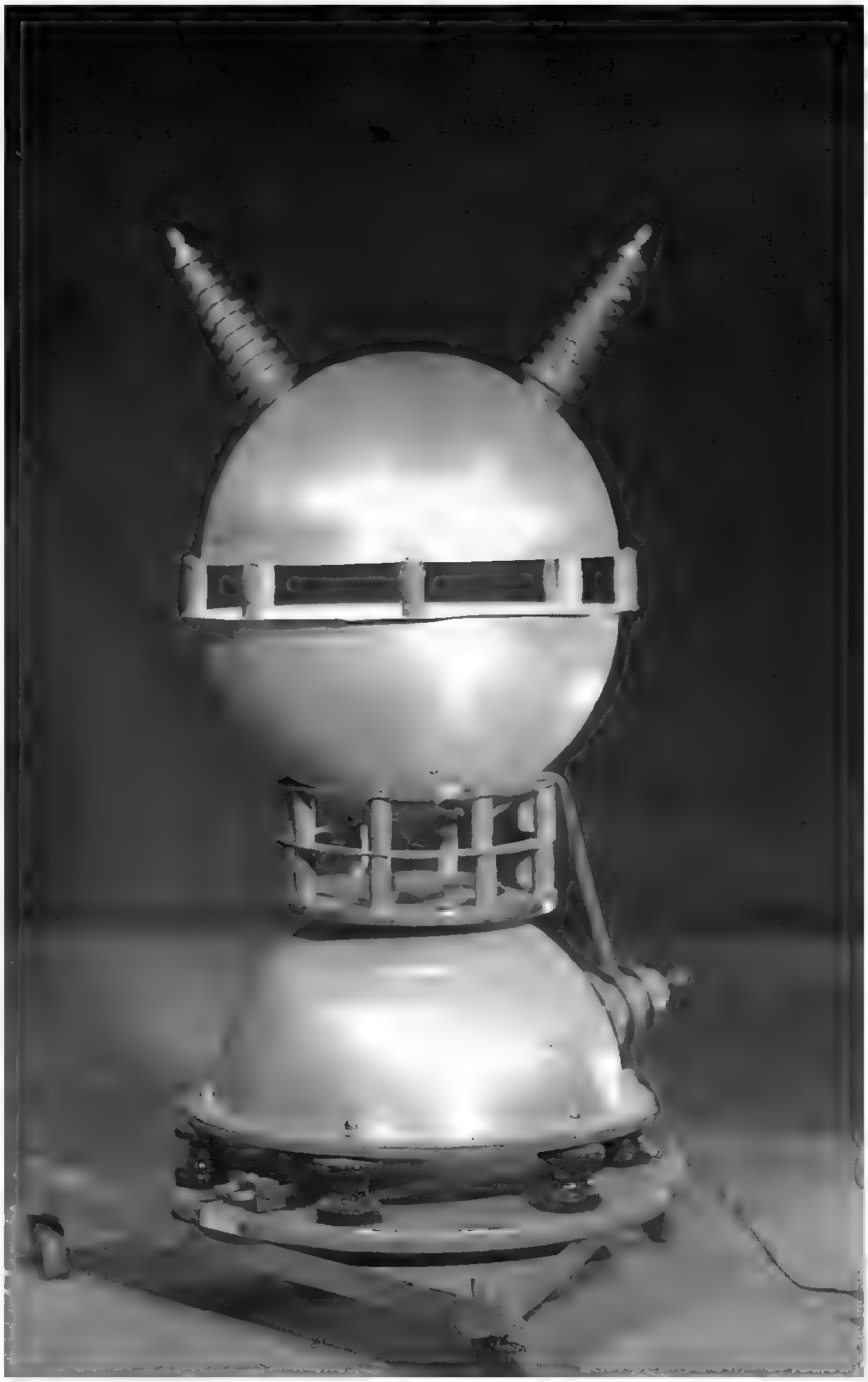
















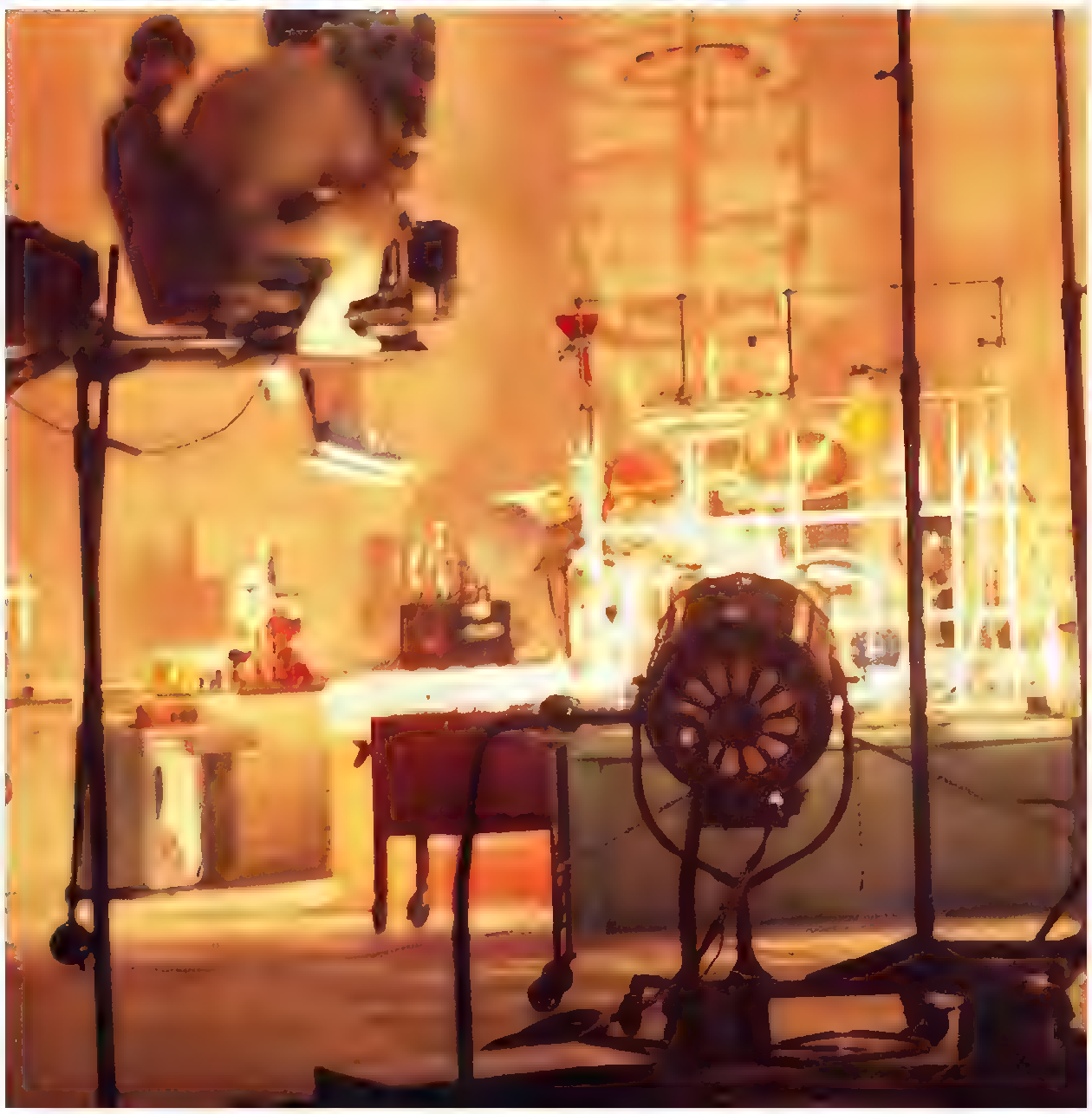






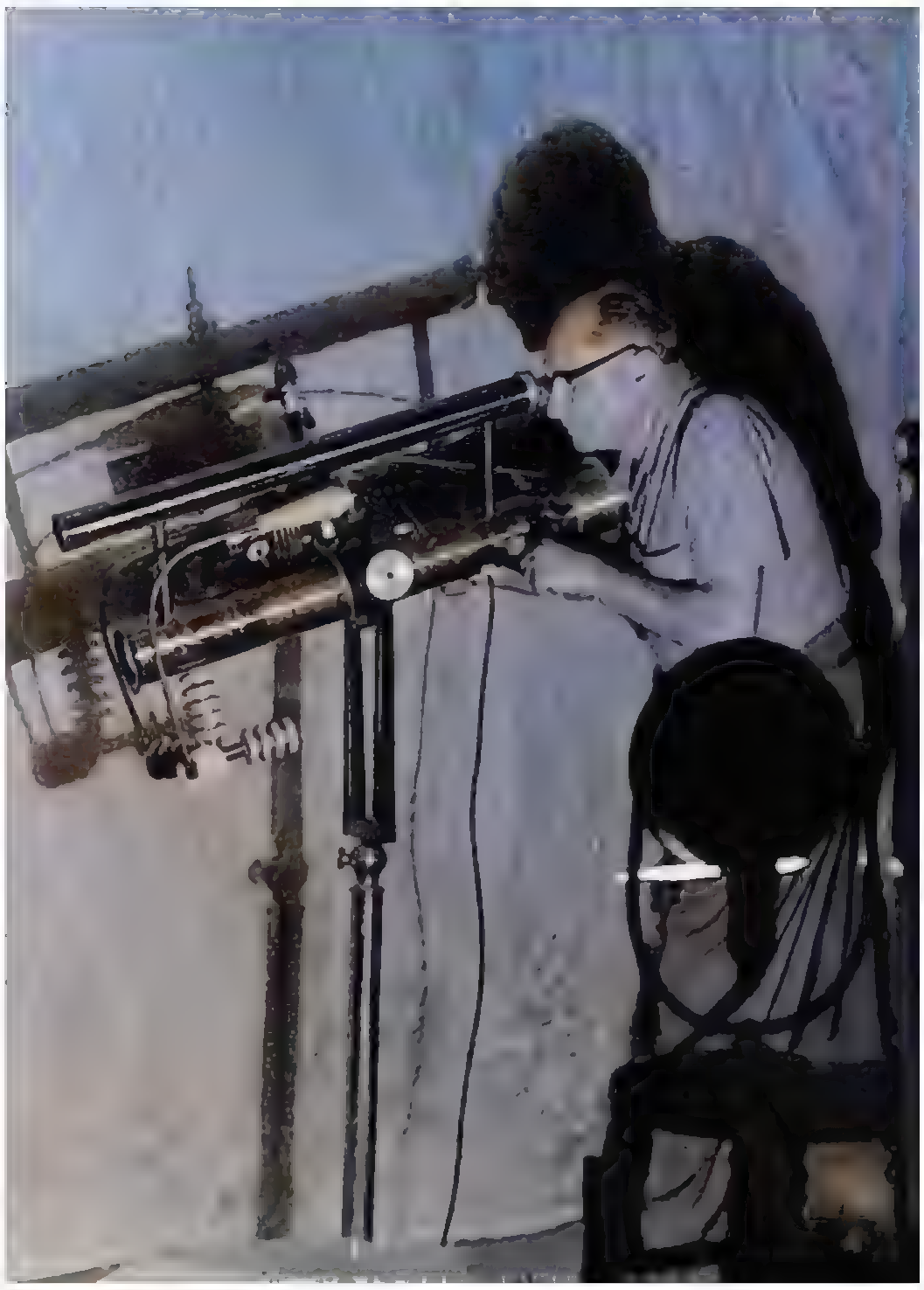














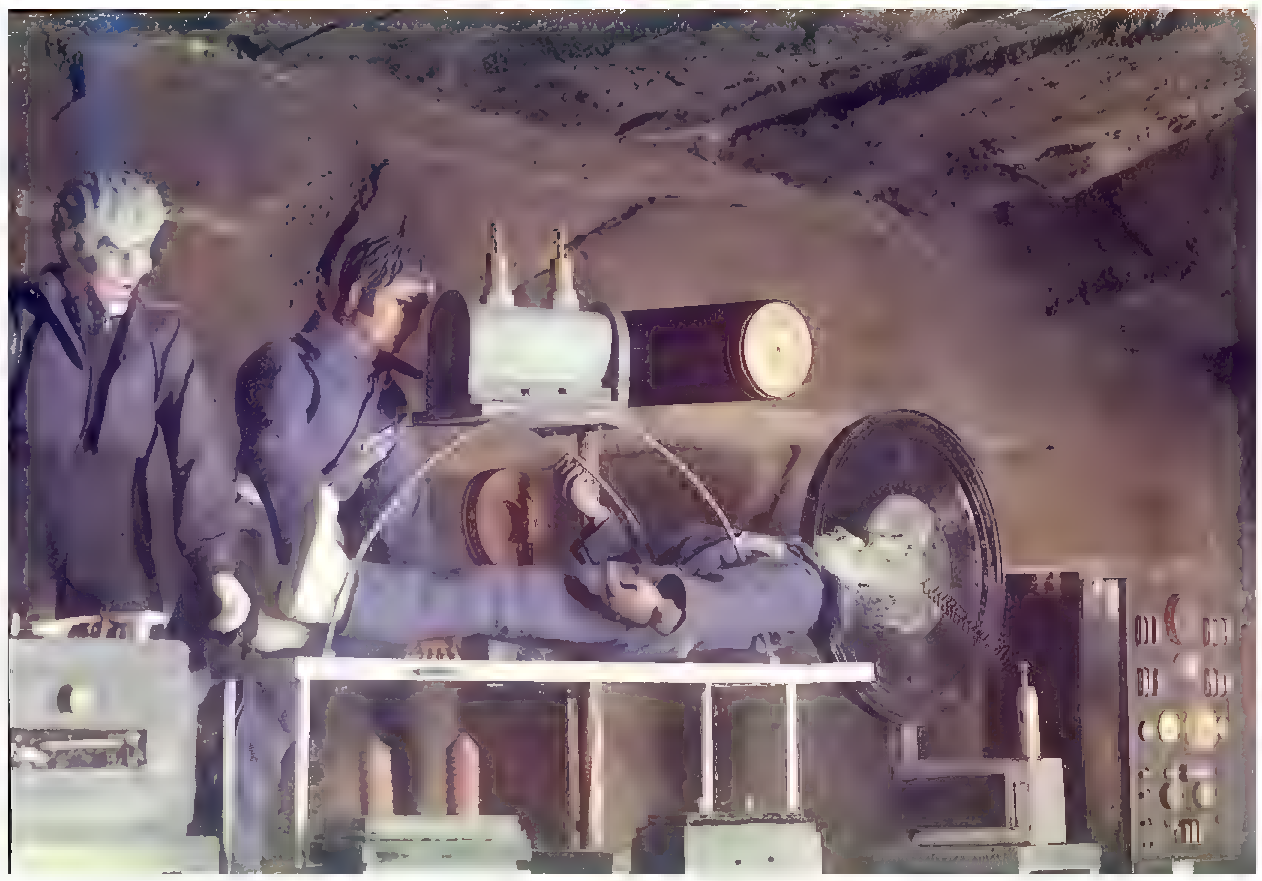








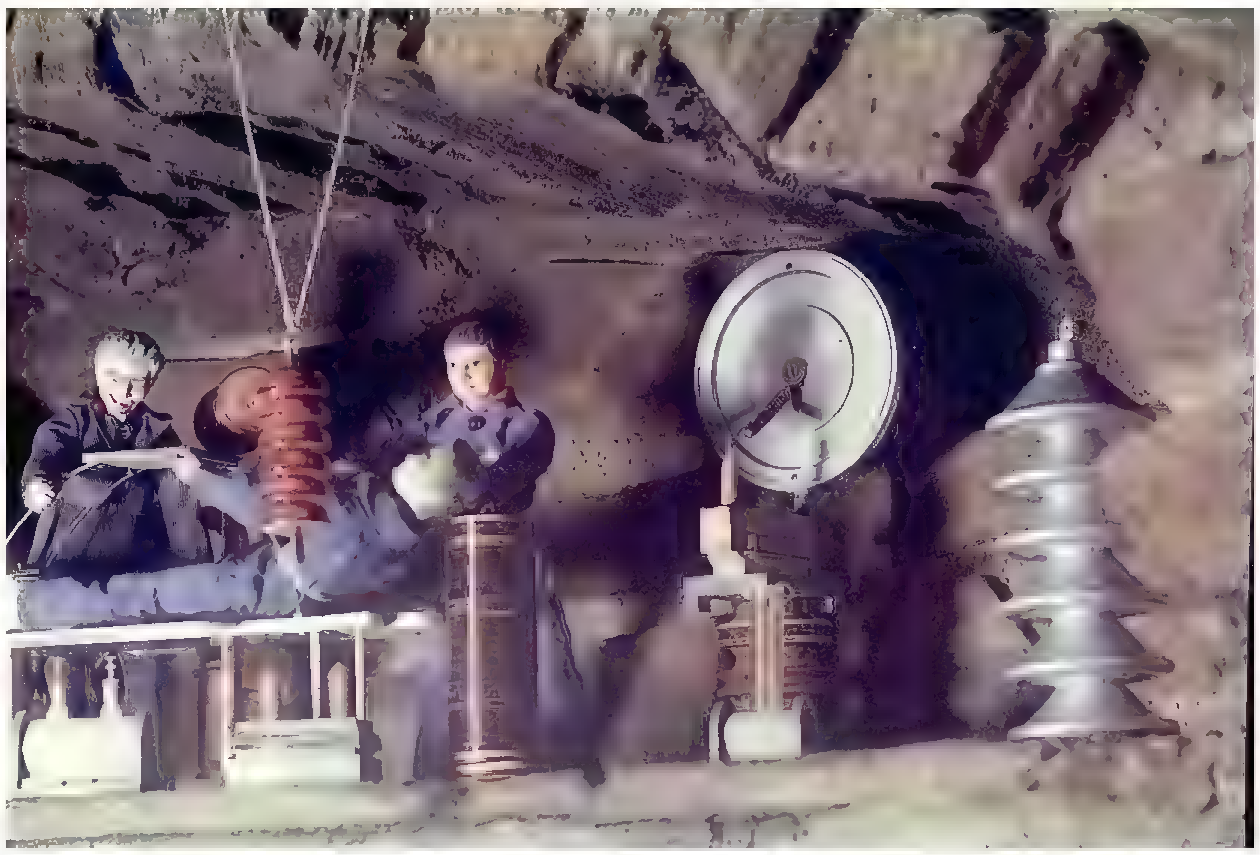


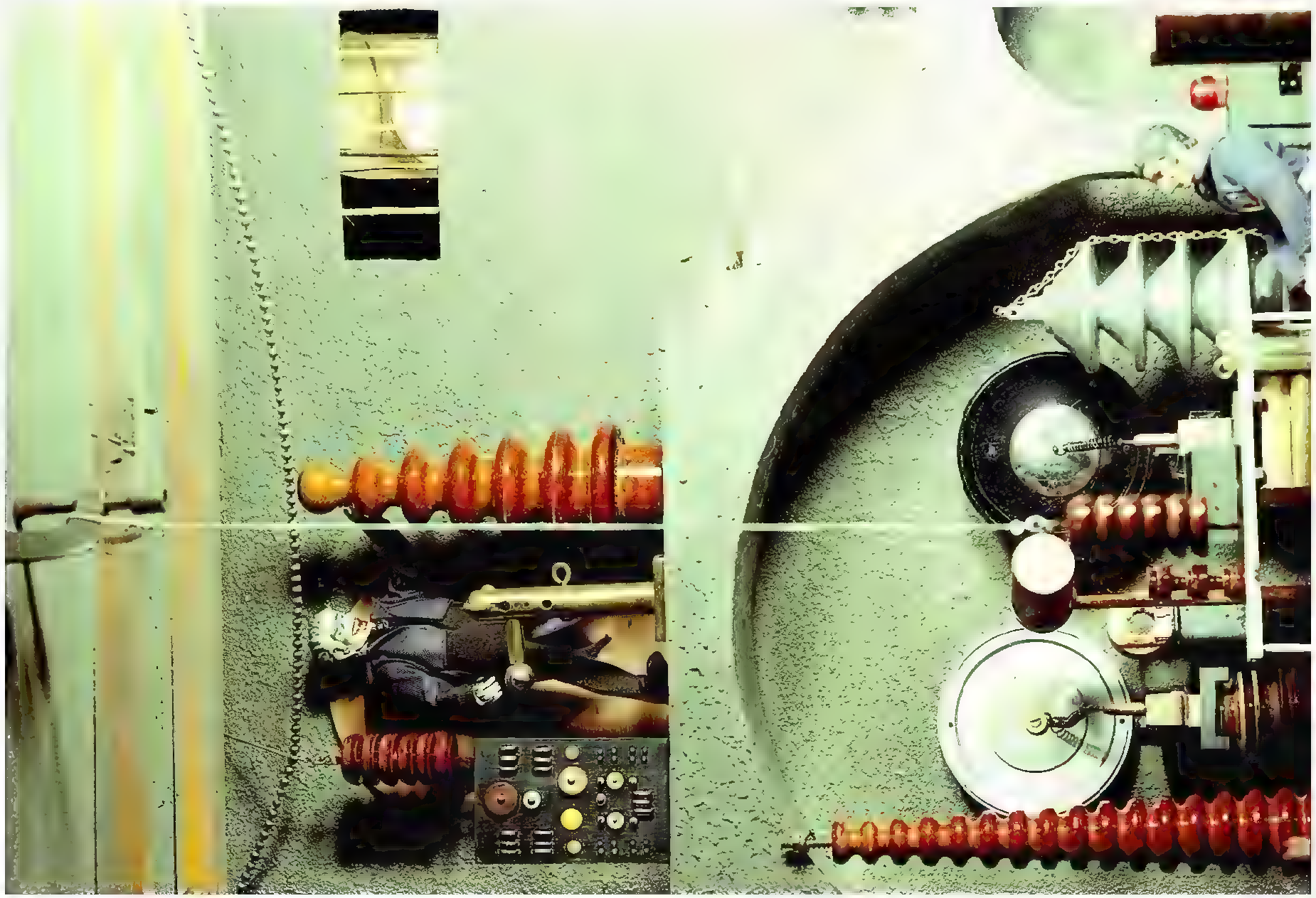










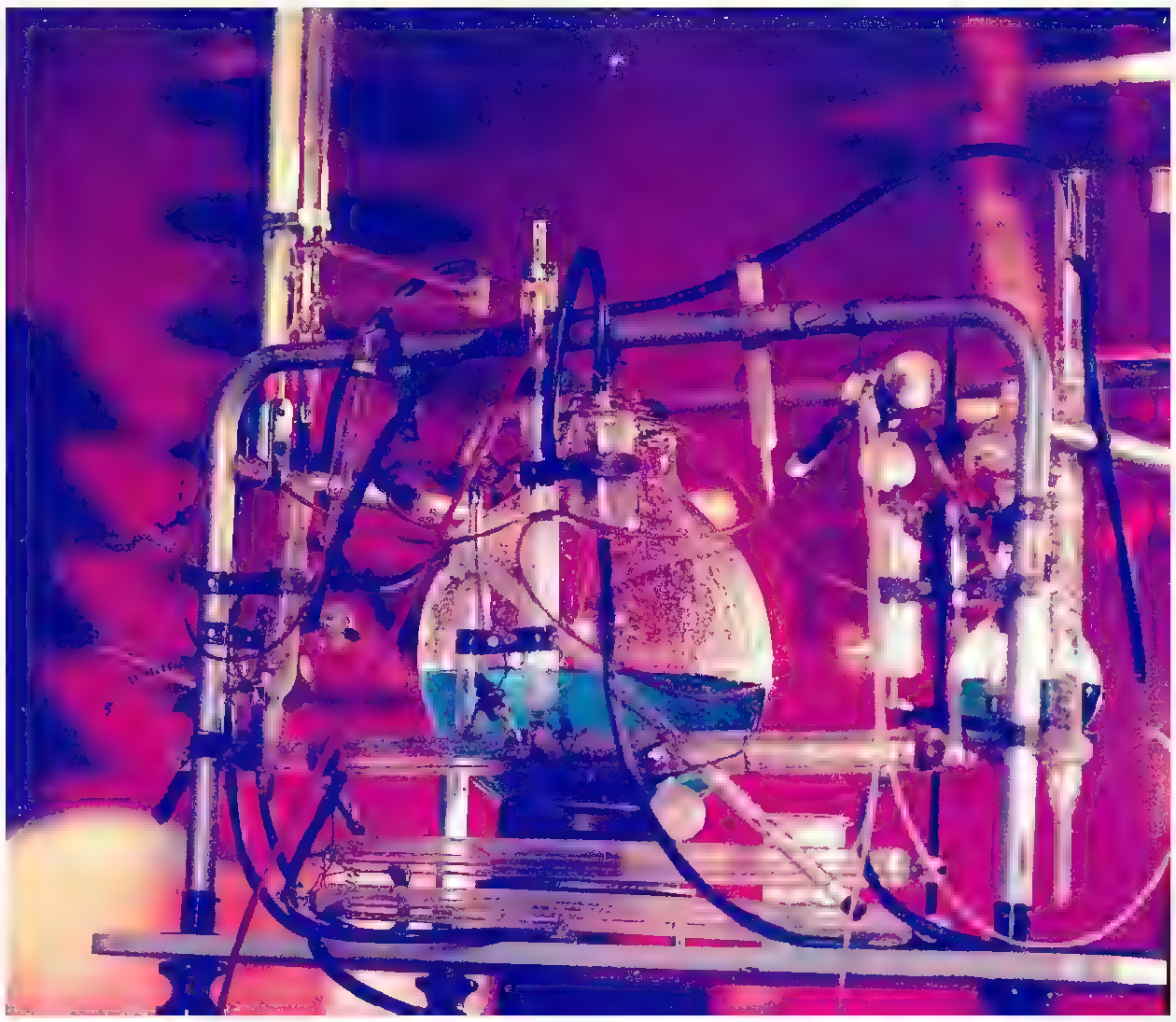








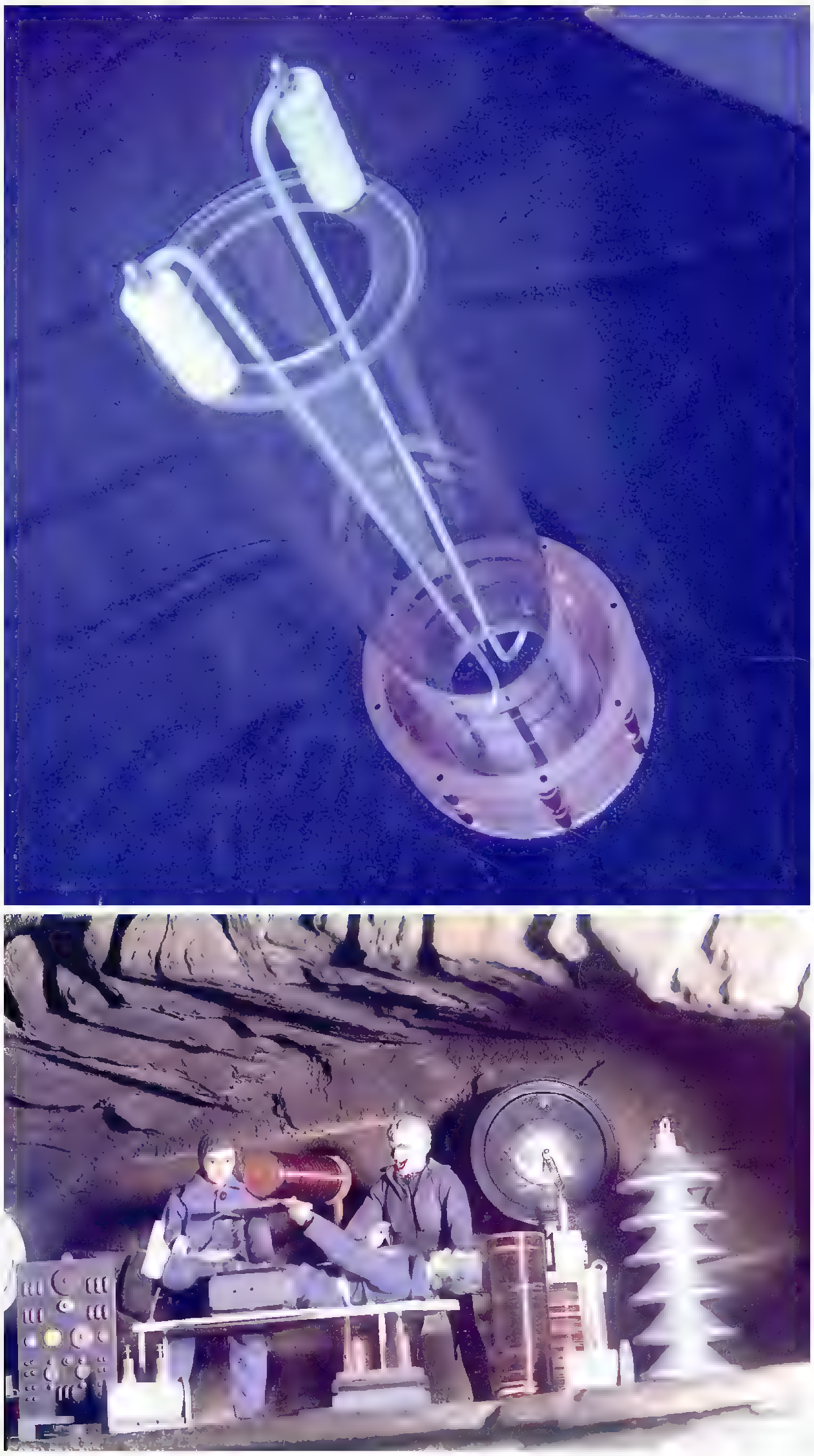










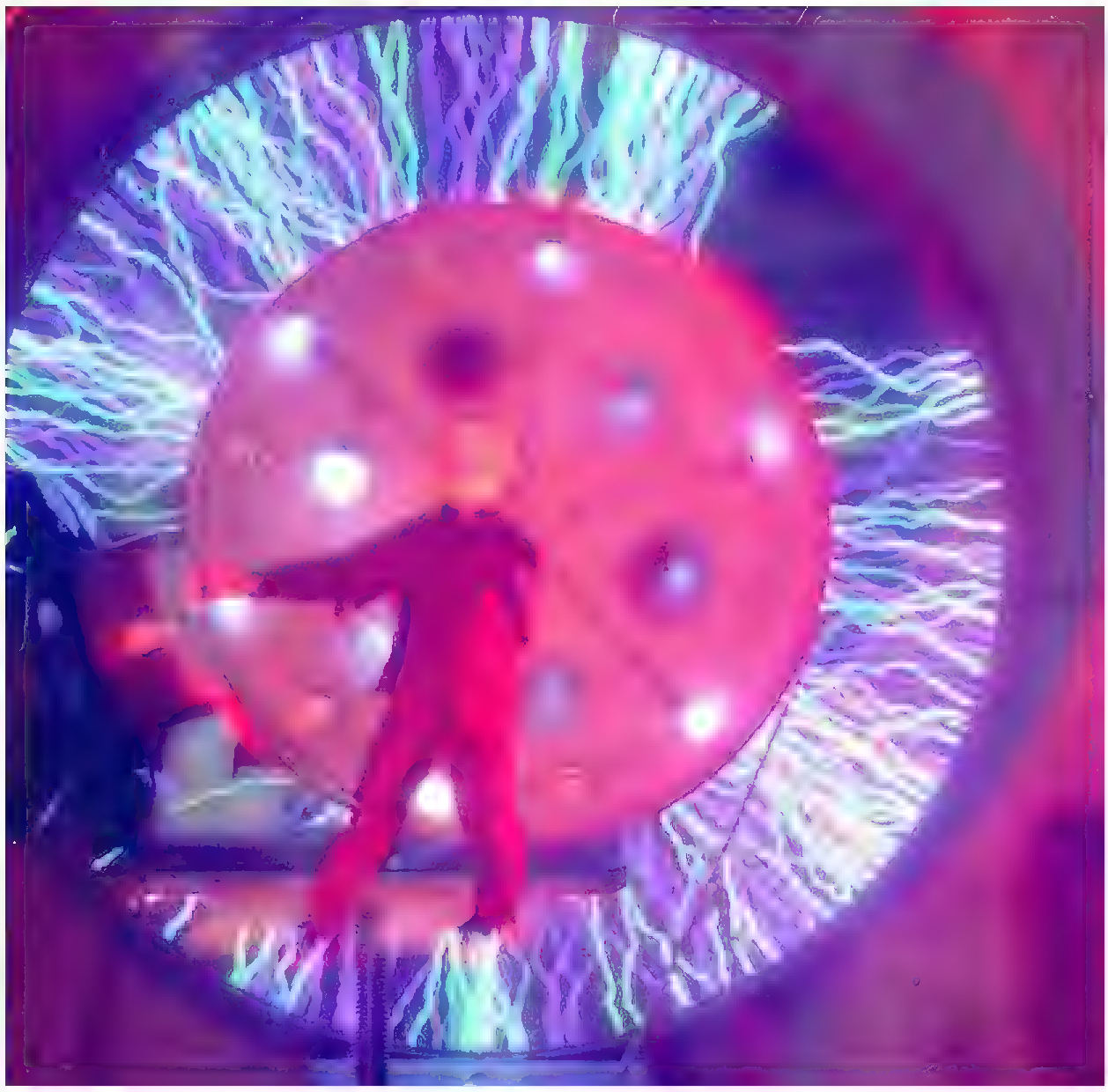


















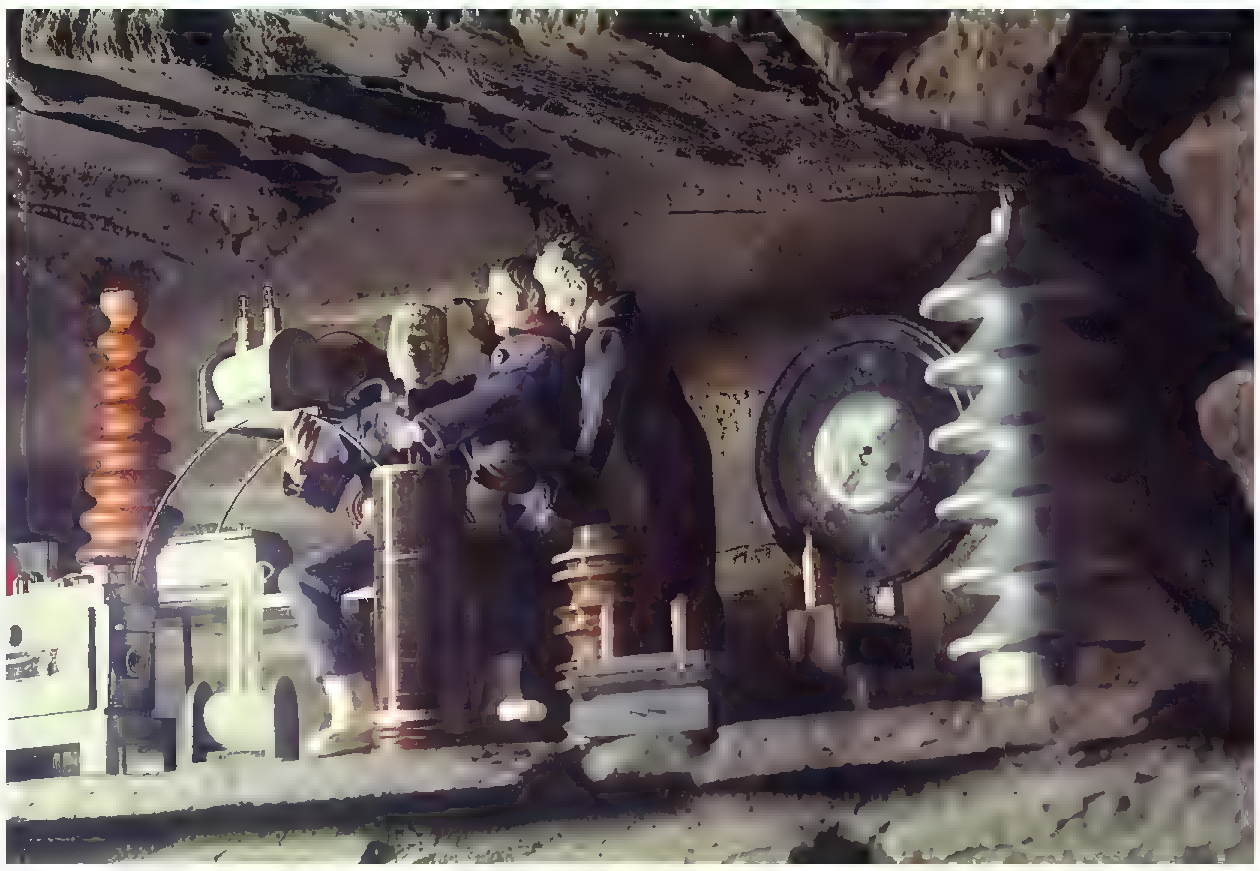






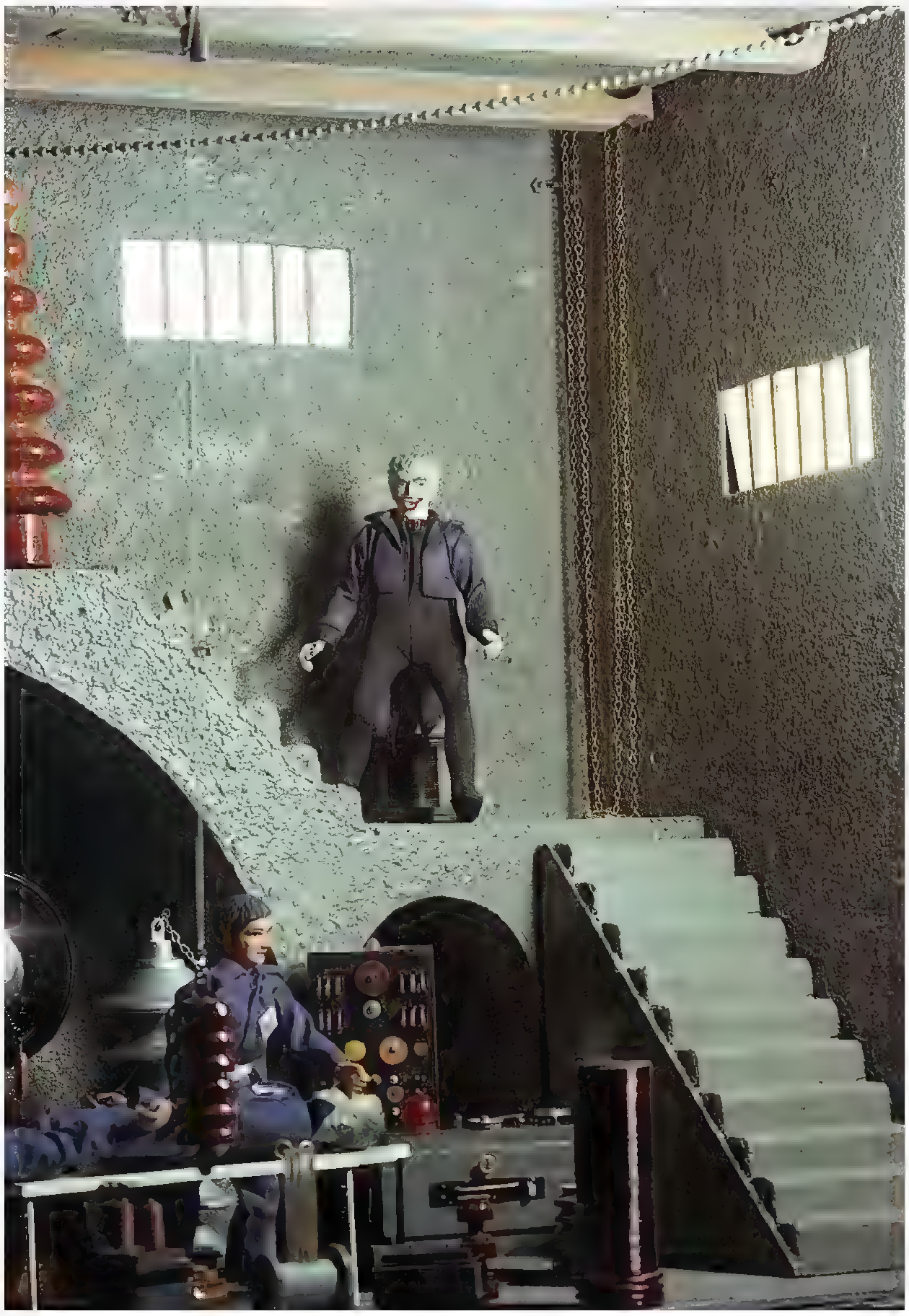






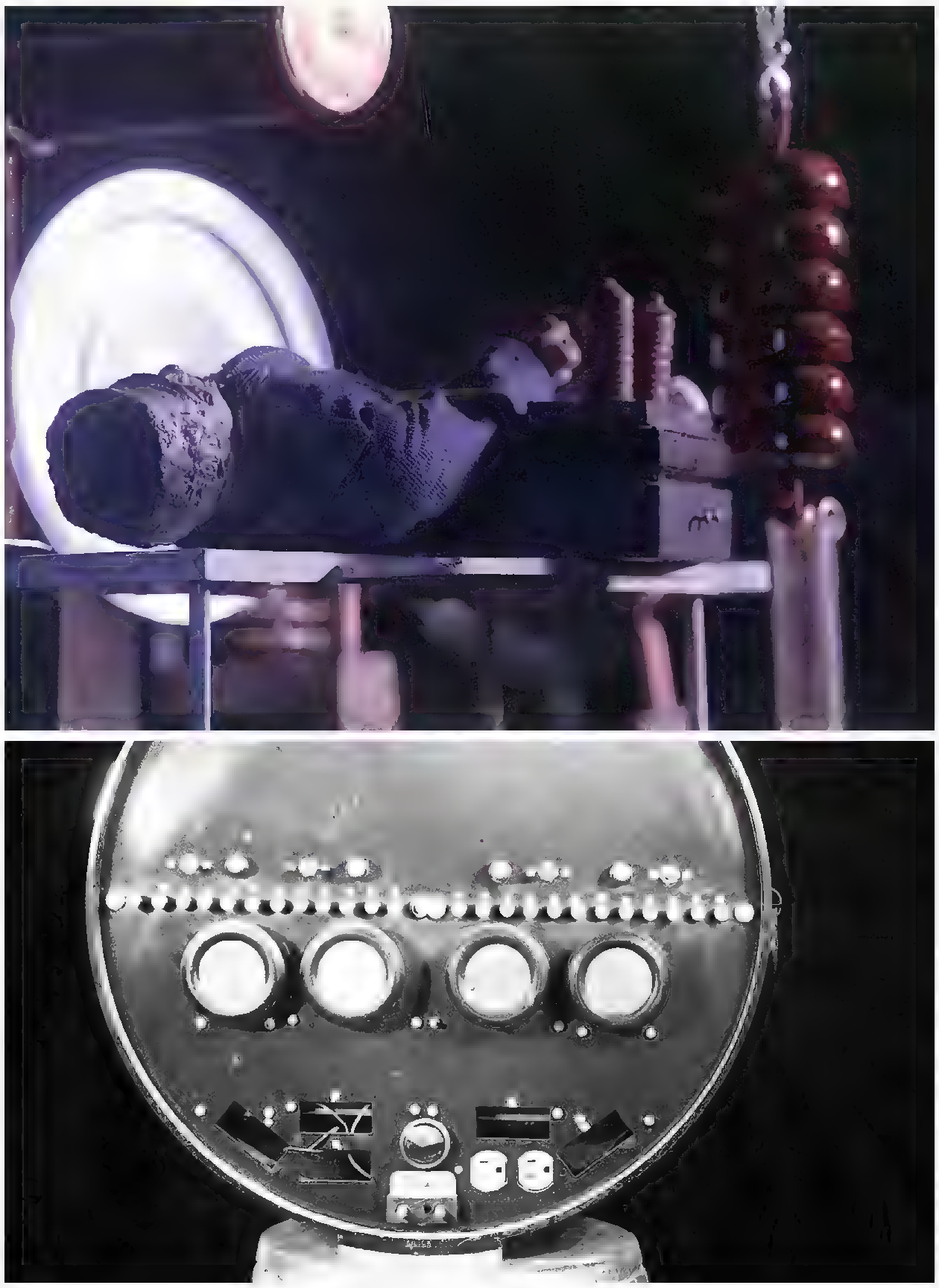




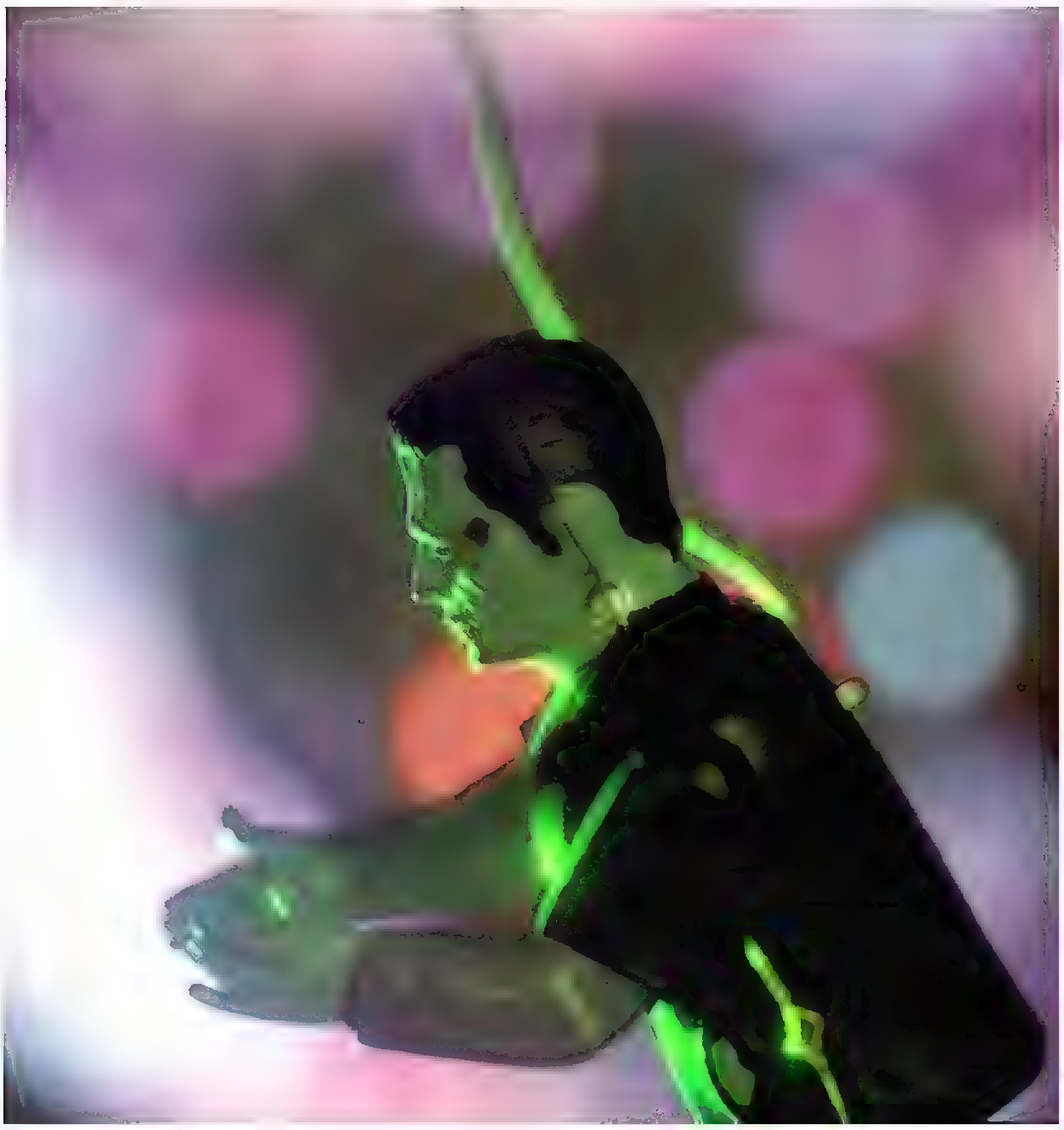


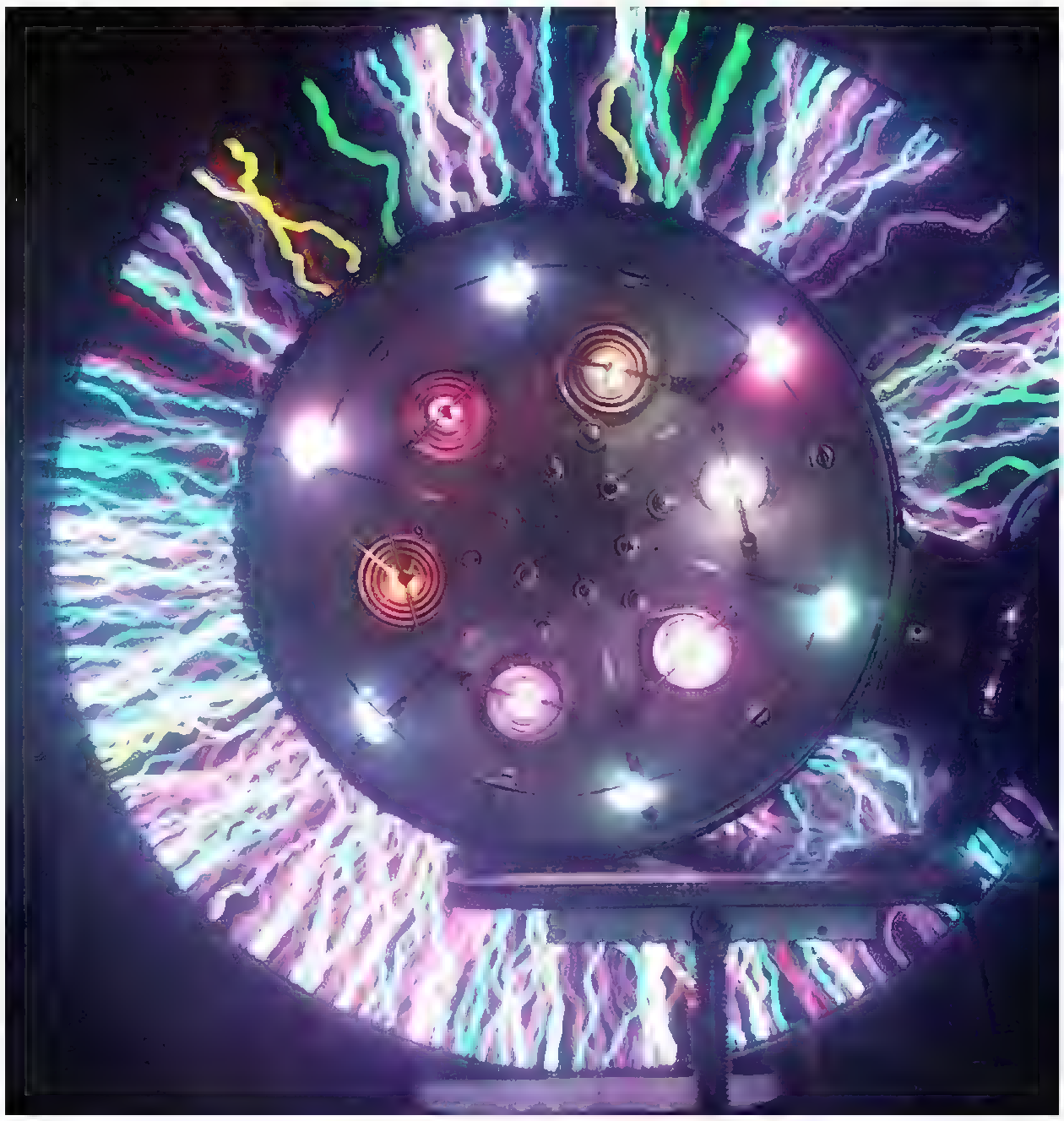












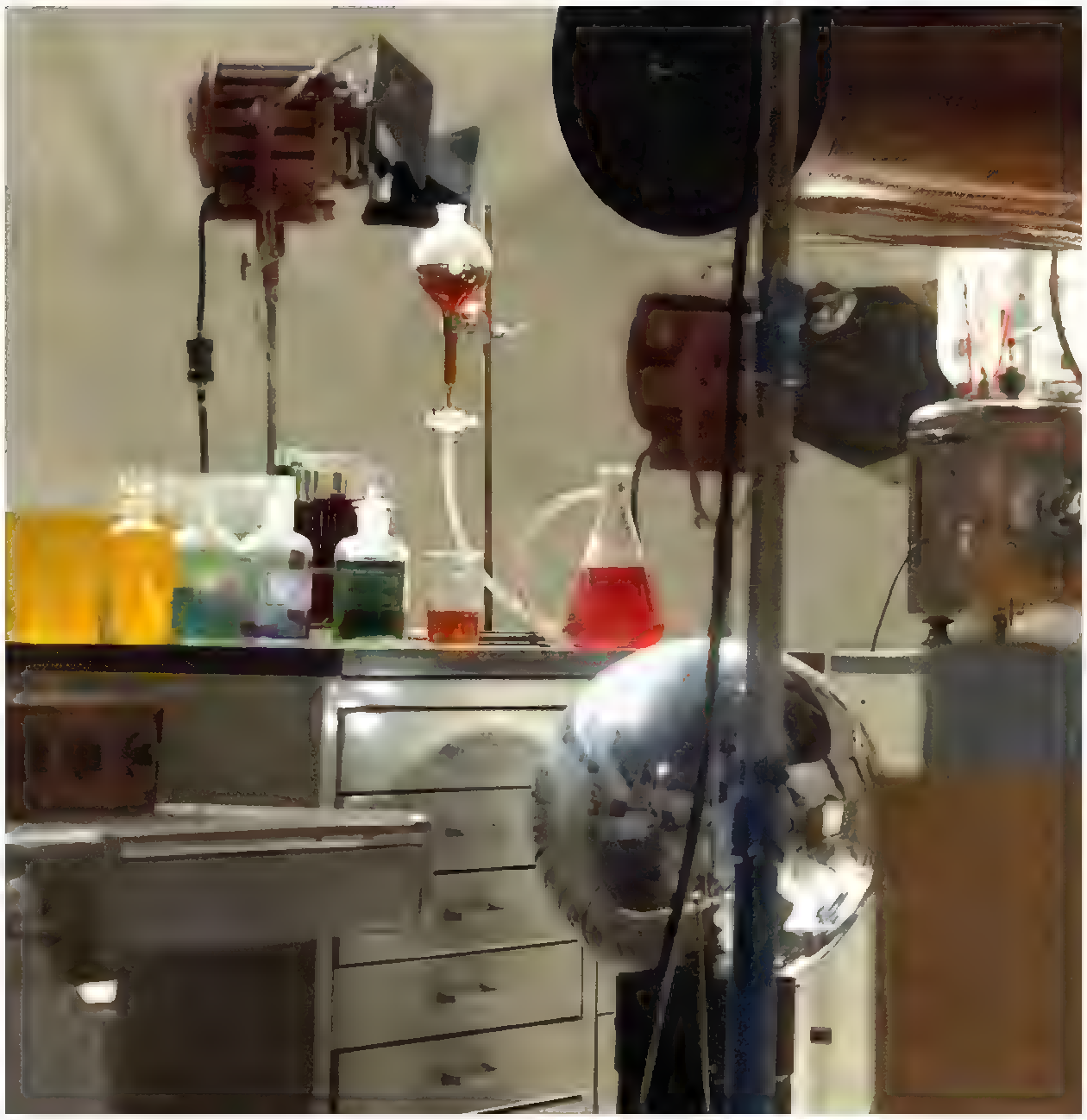




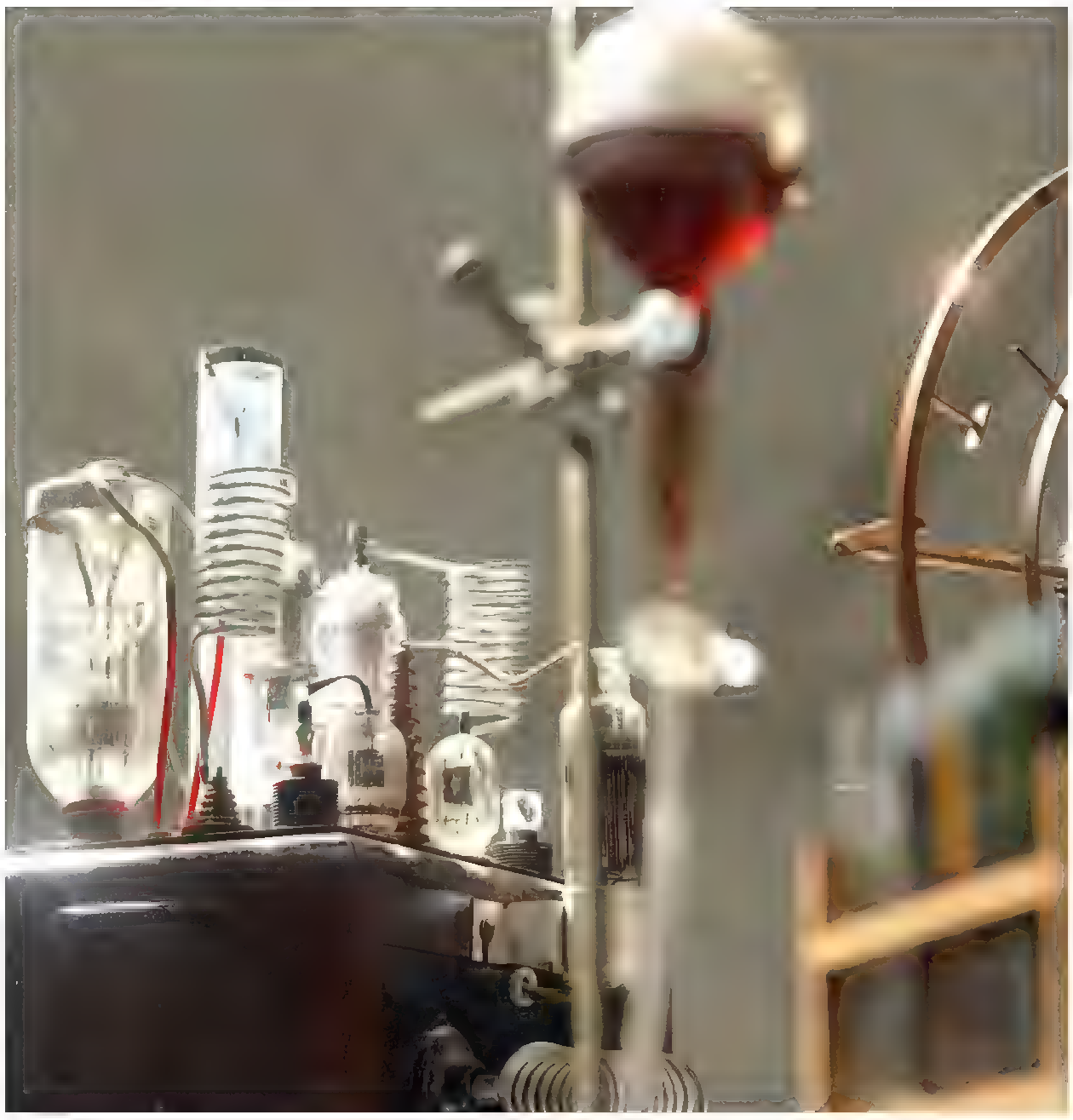




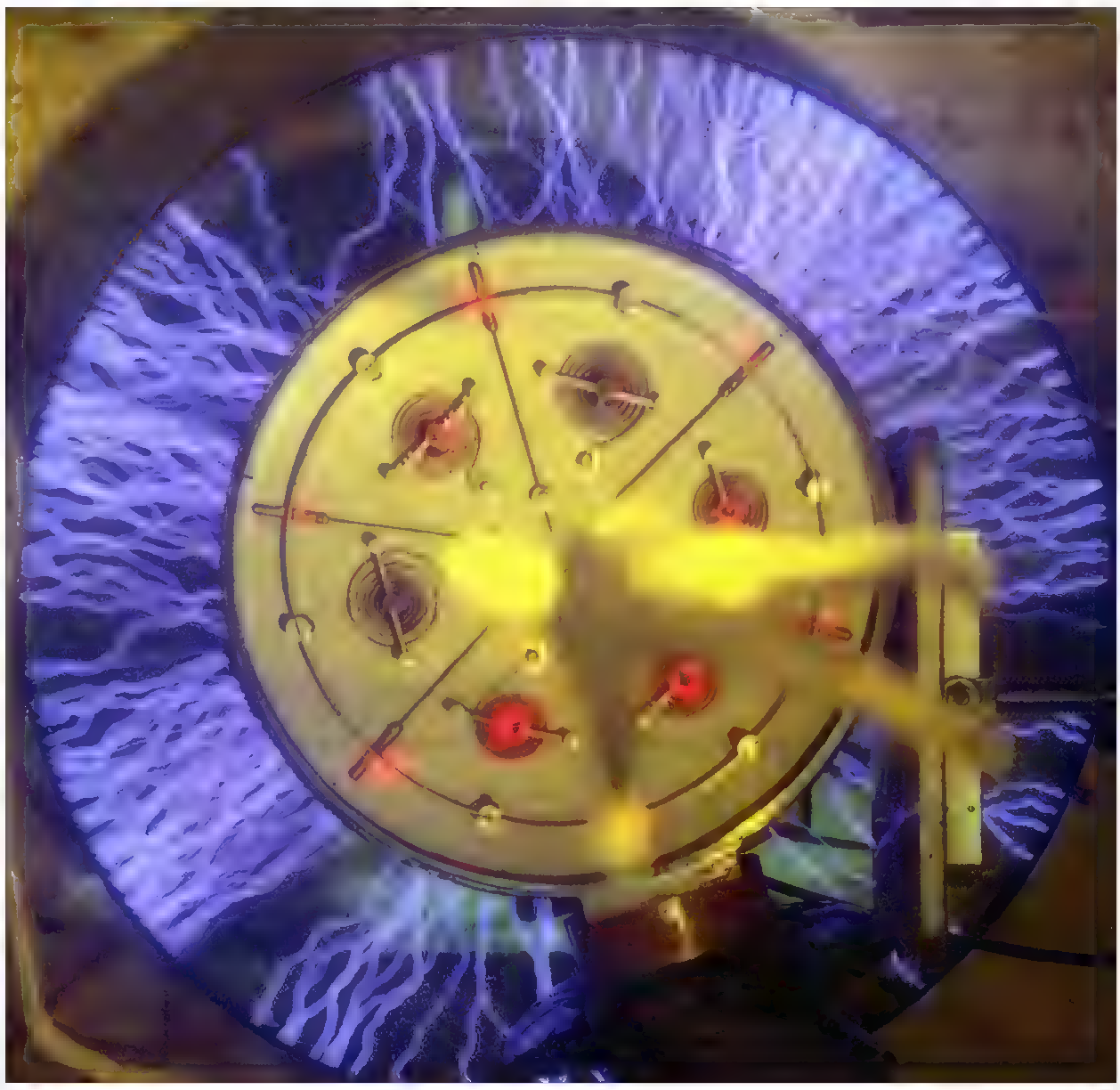








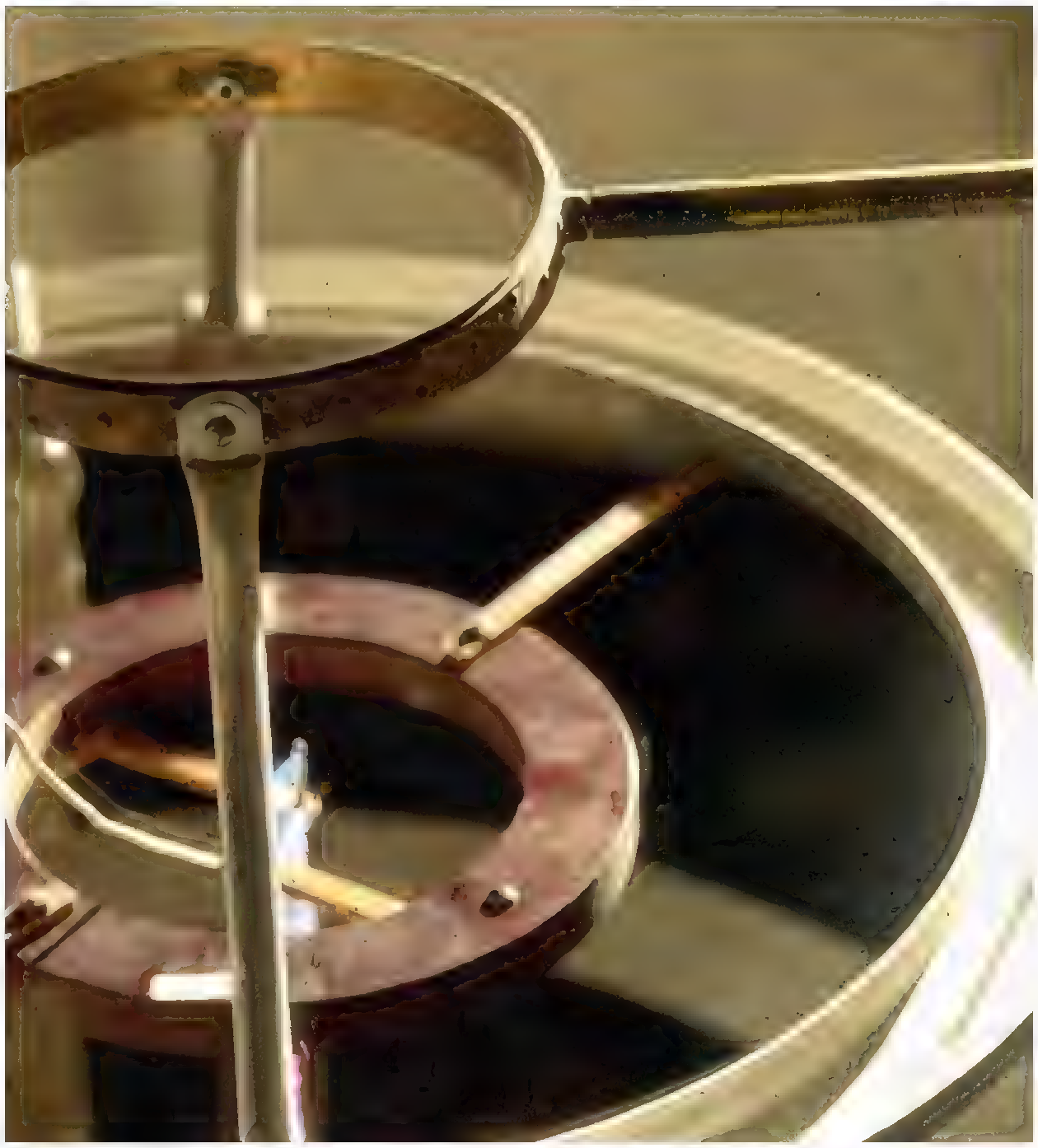




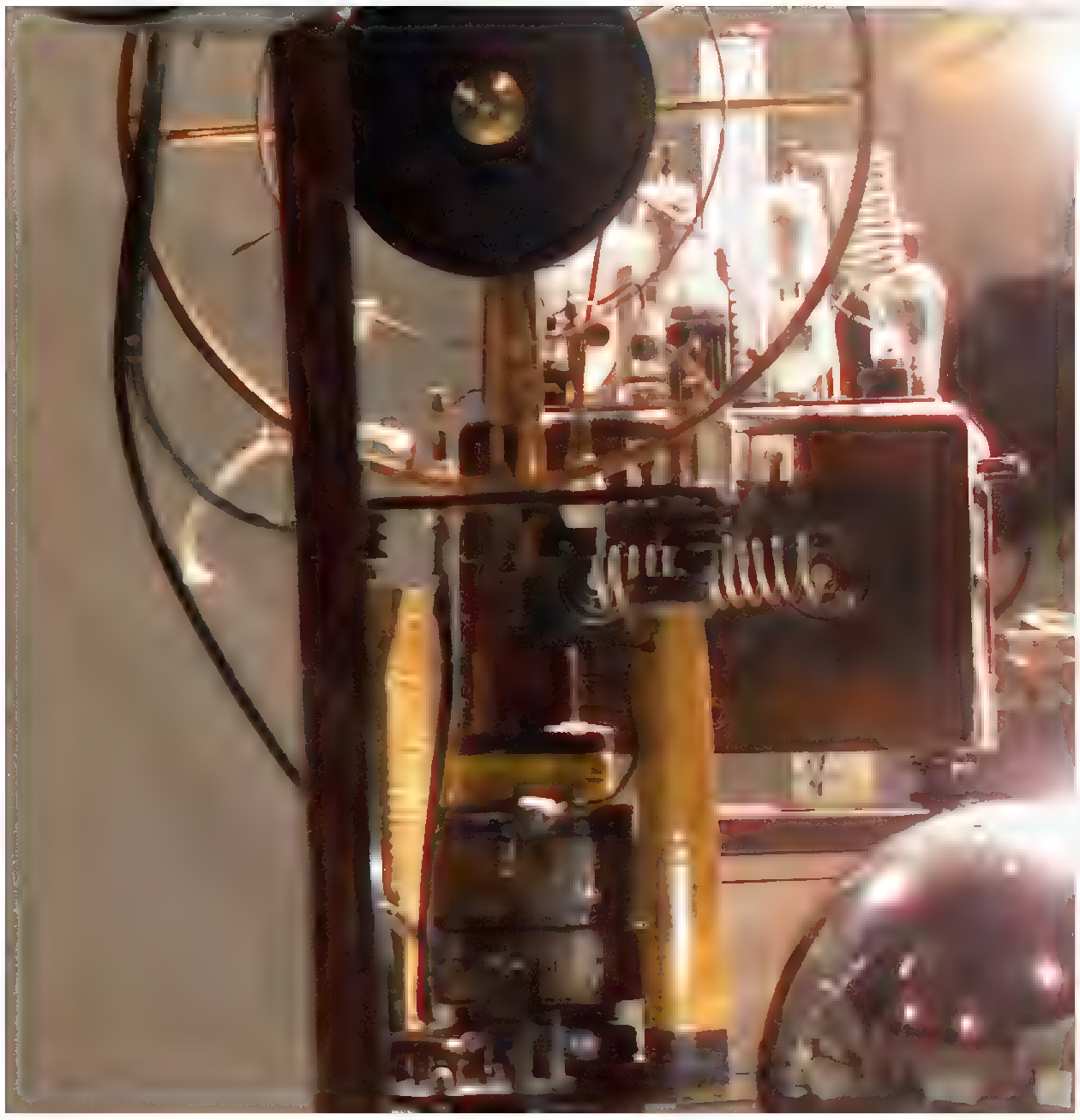






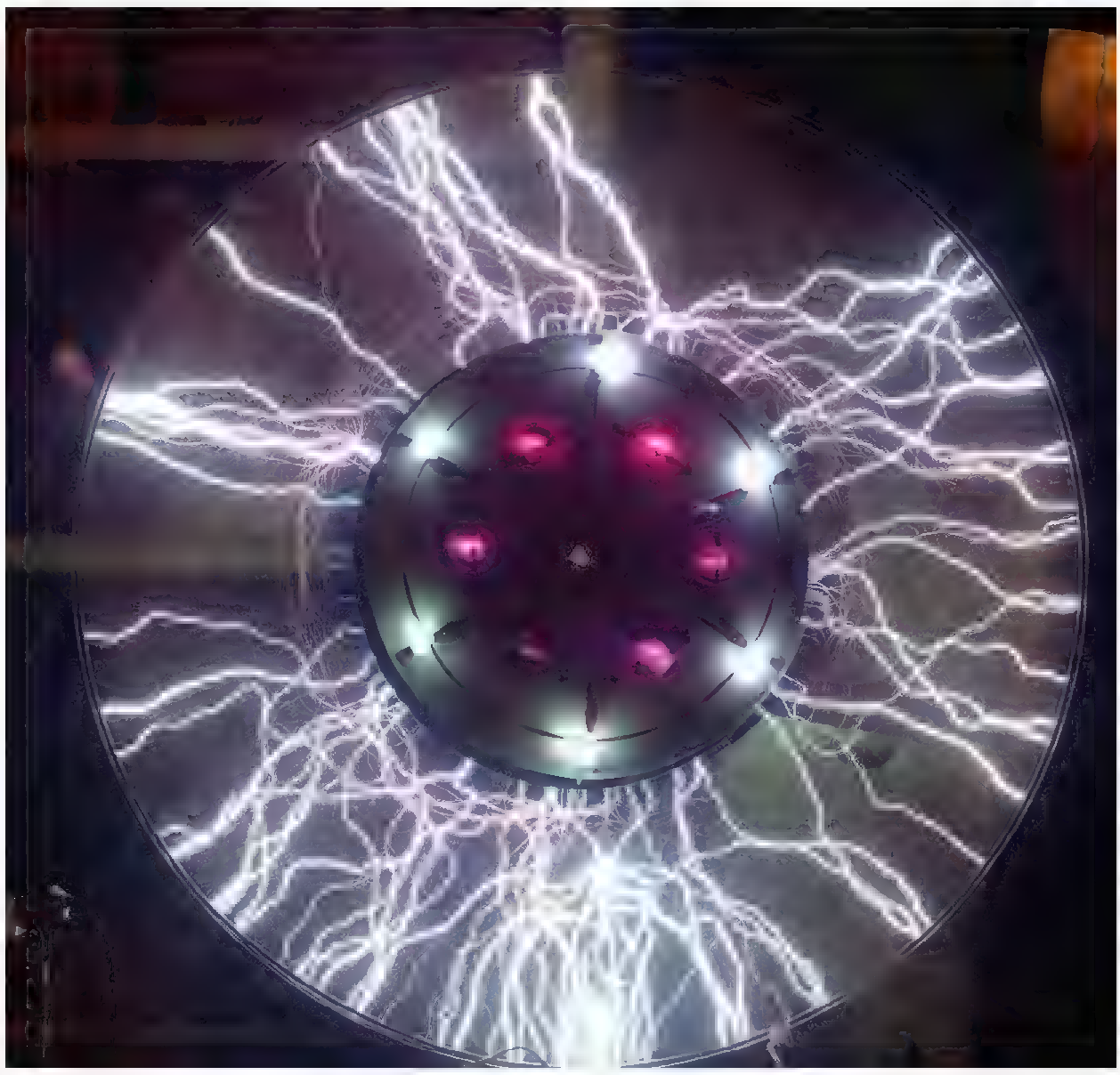


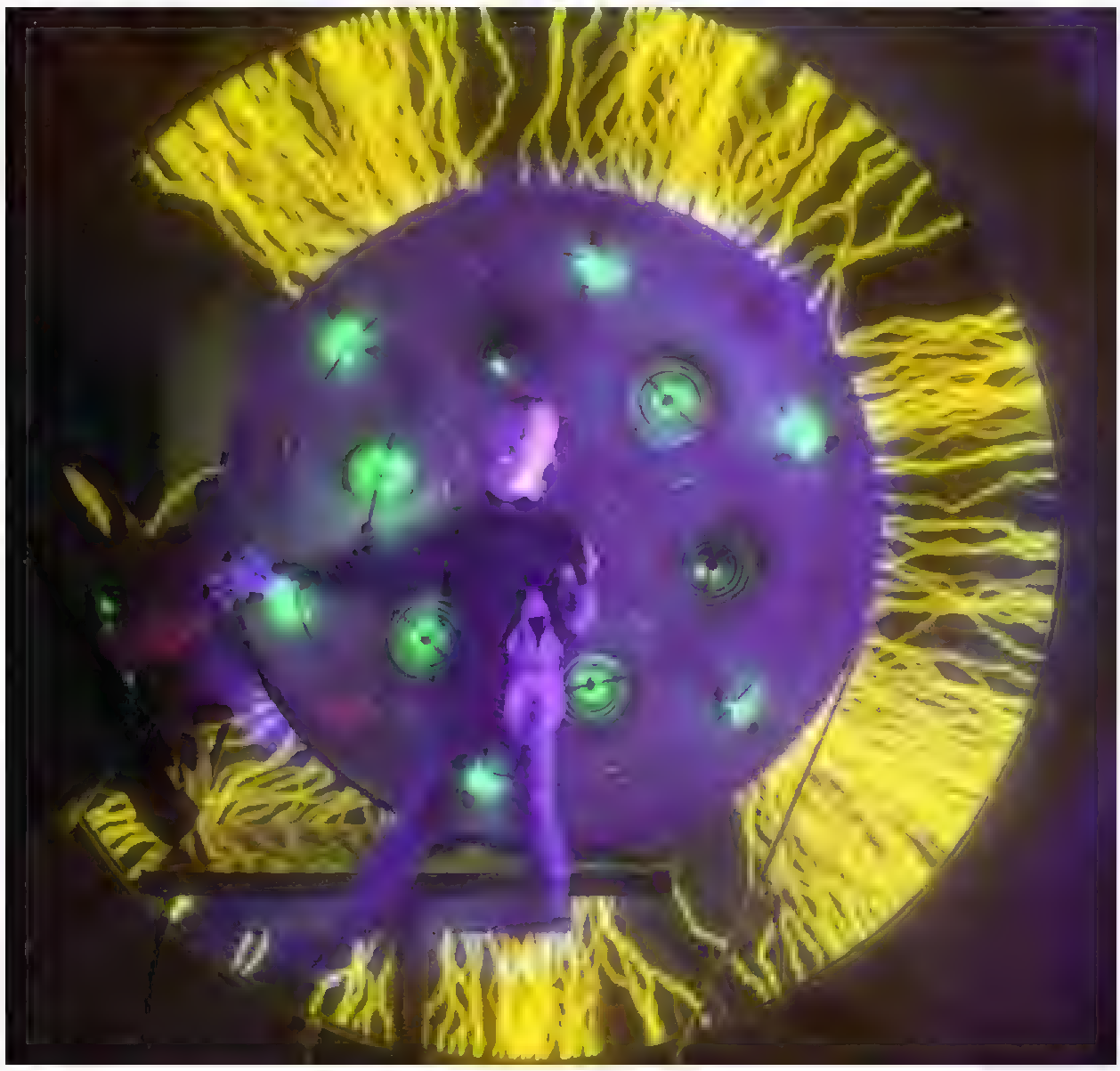












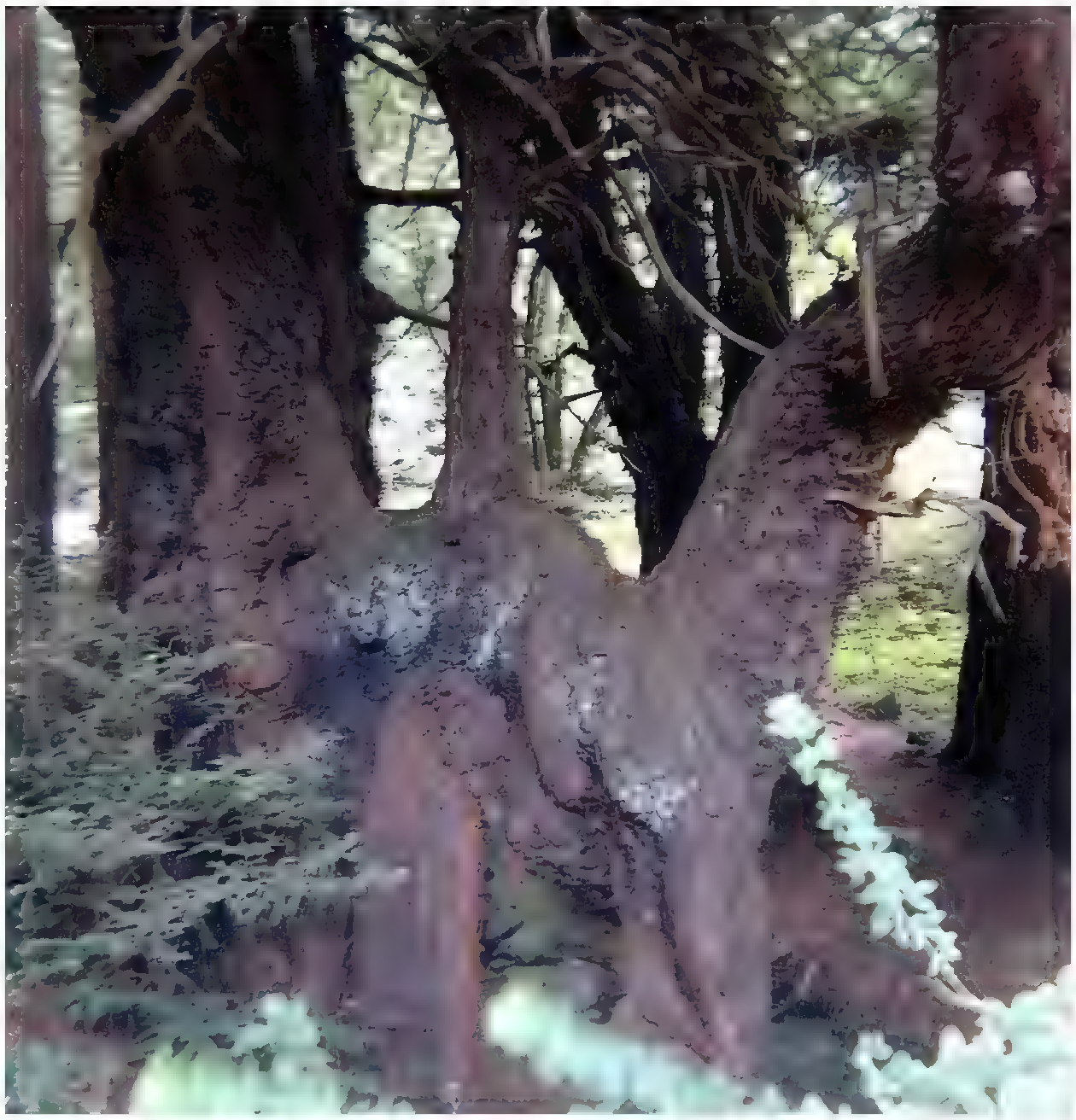




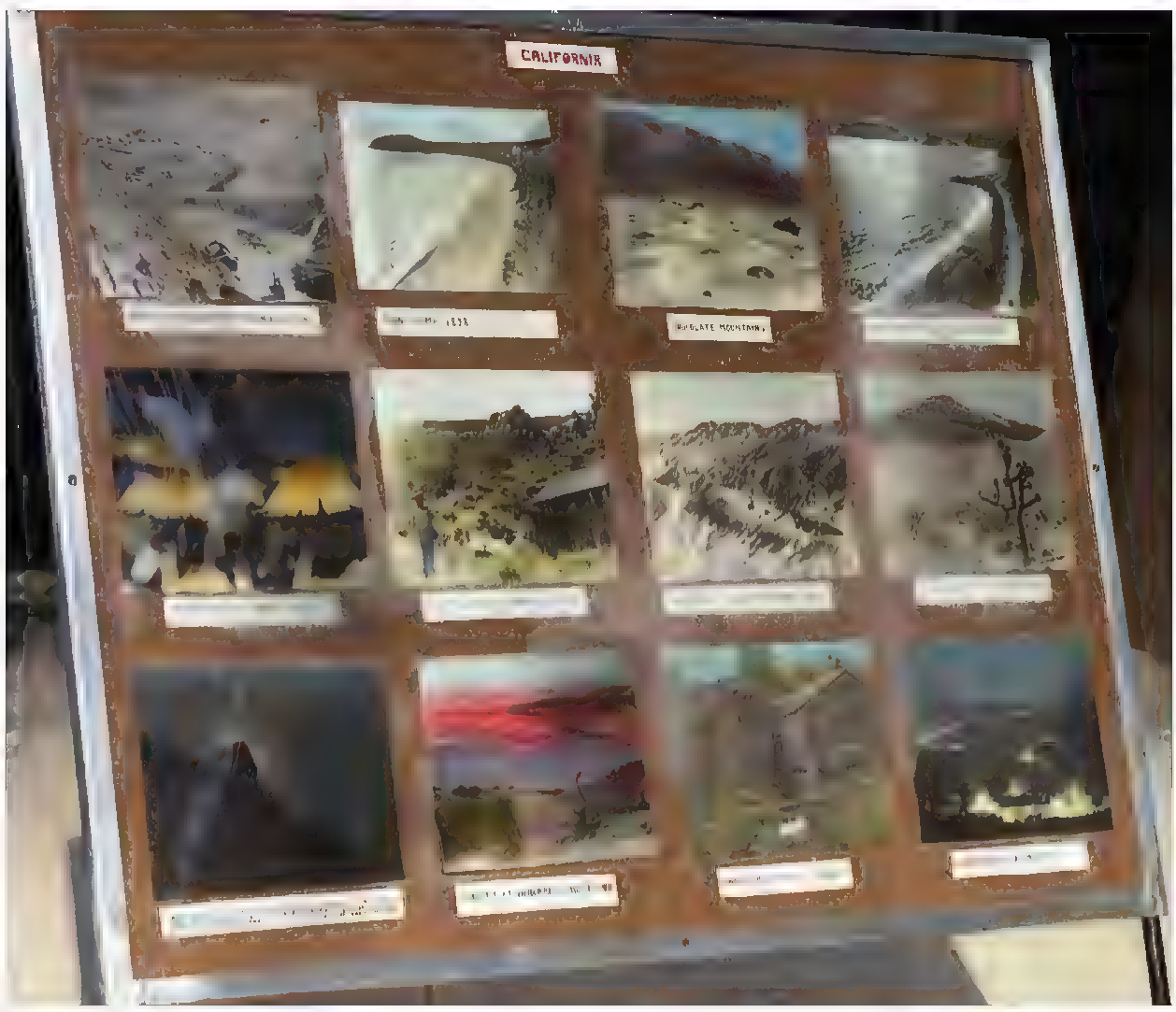











CALIFORNIA

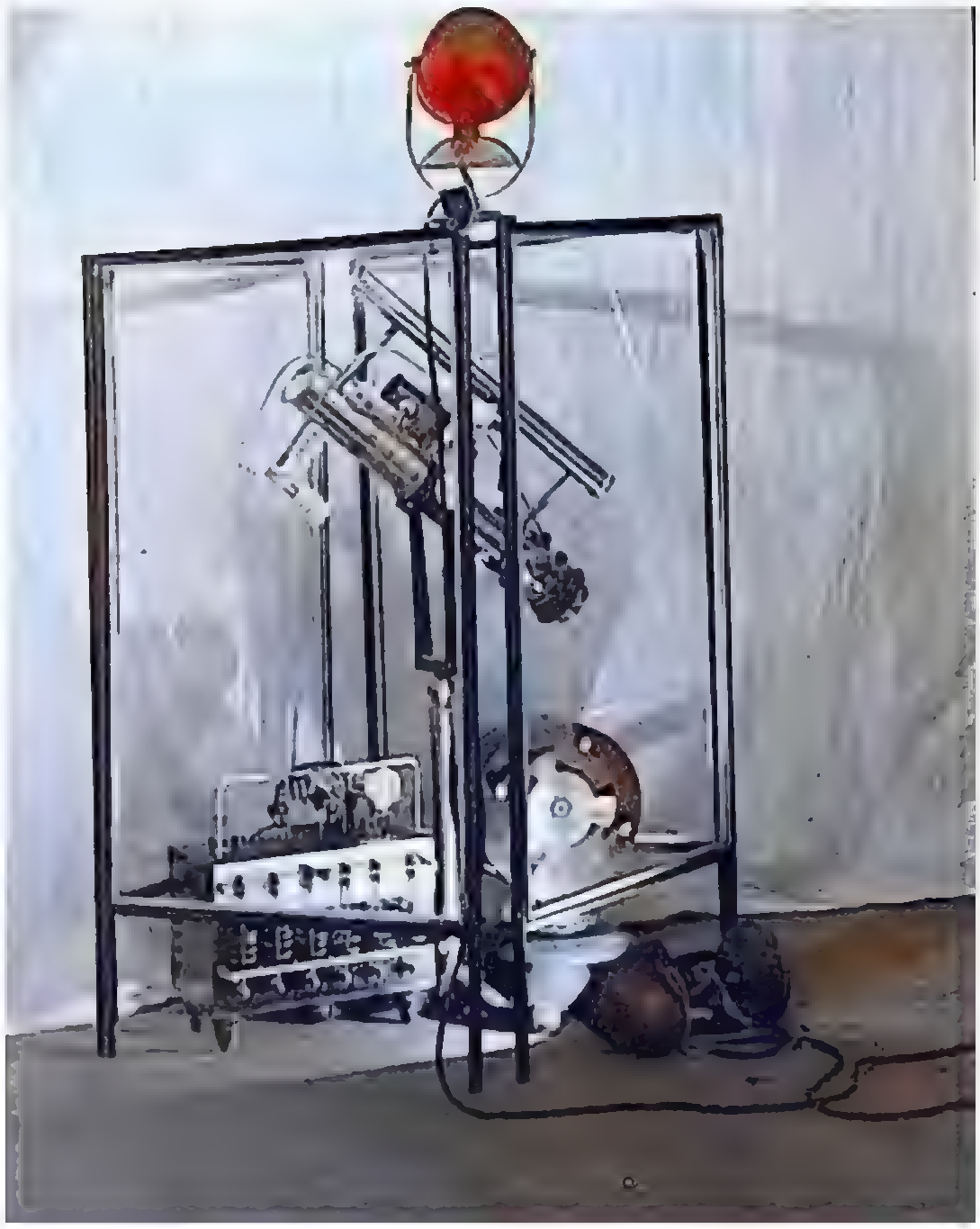




















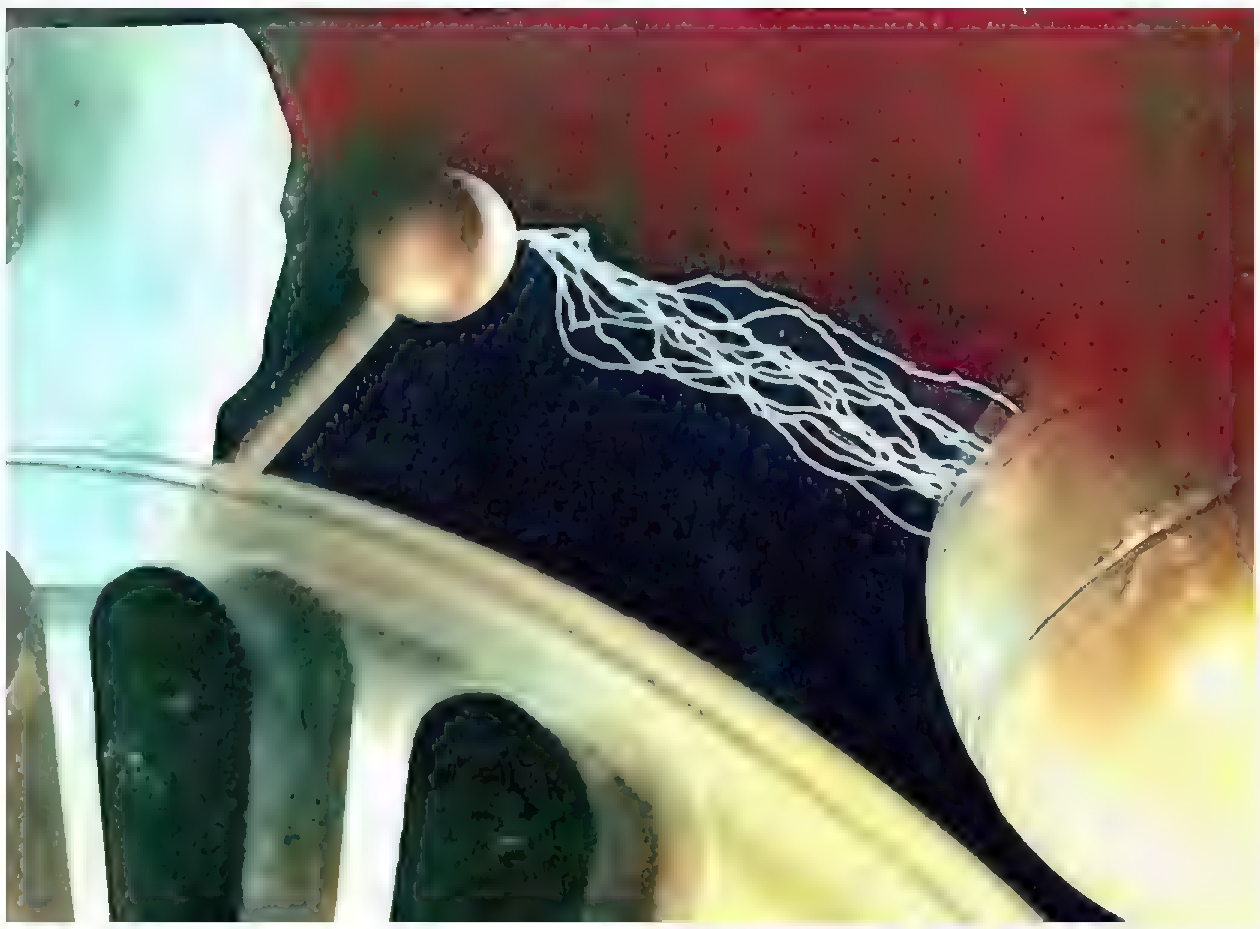


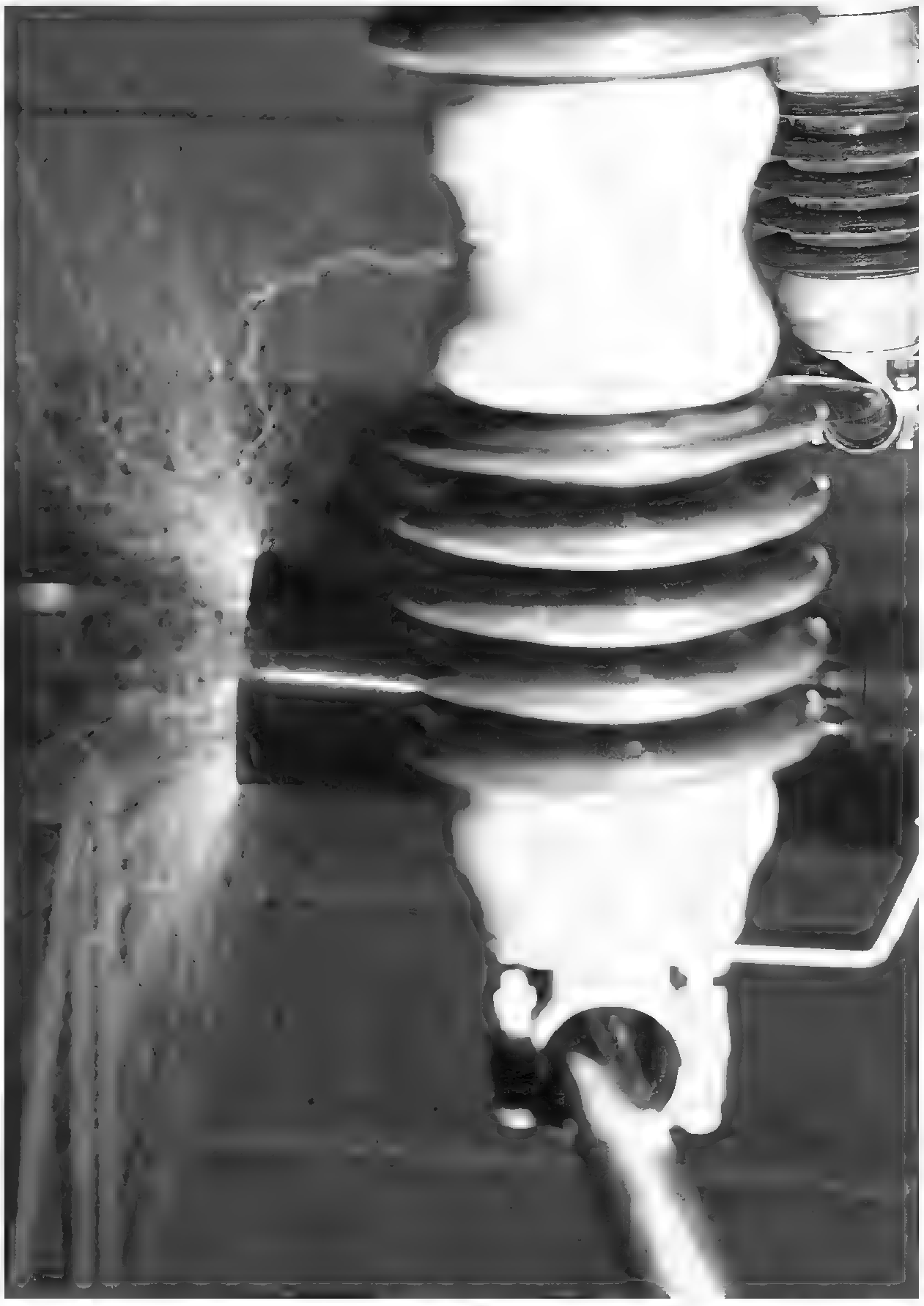


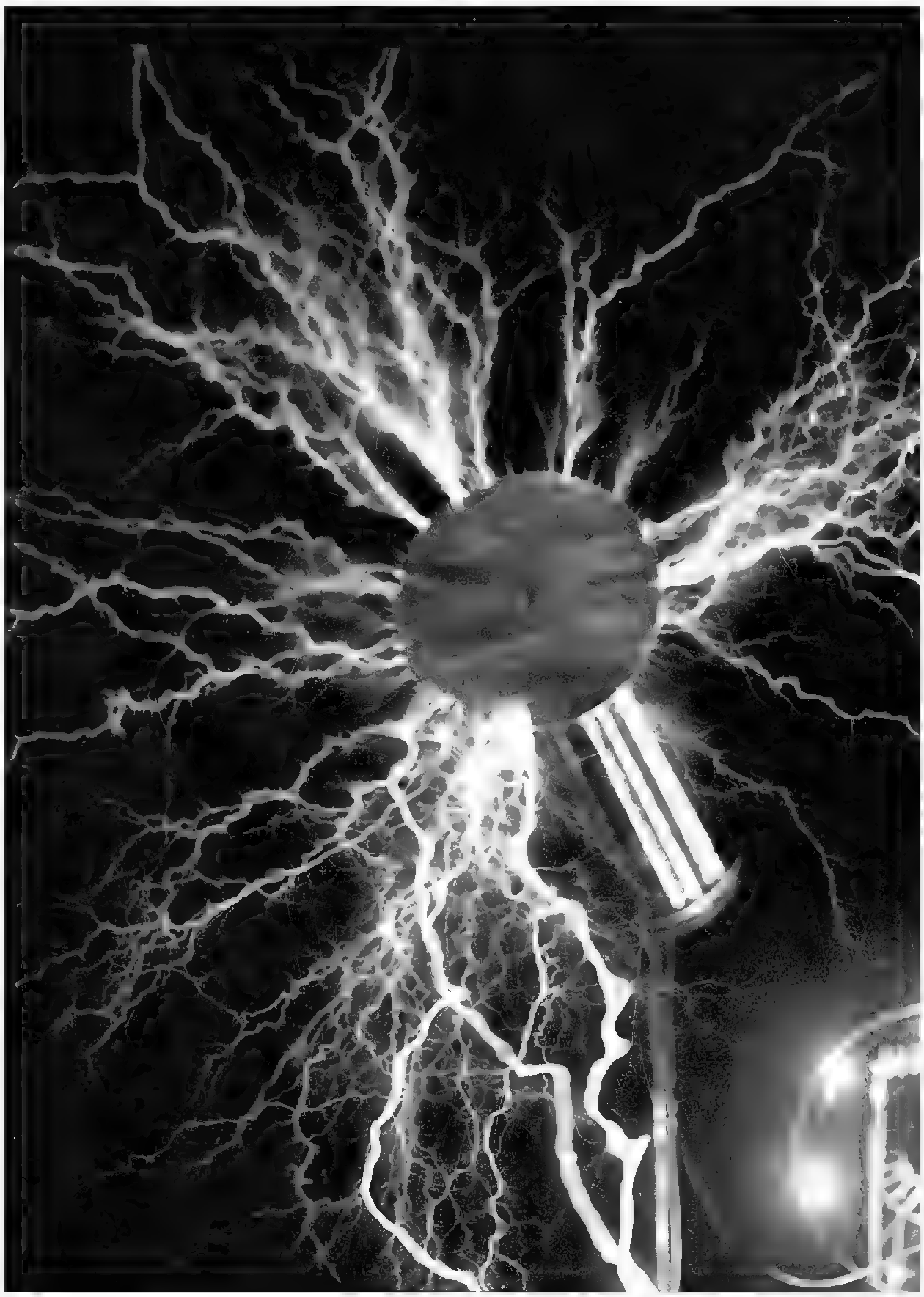


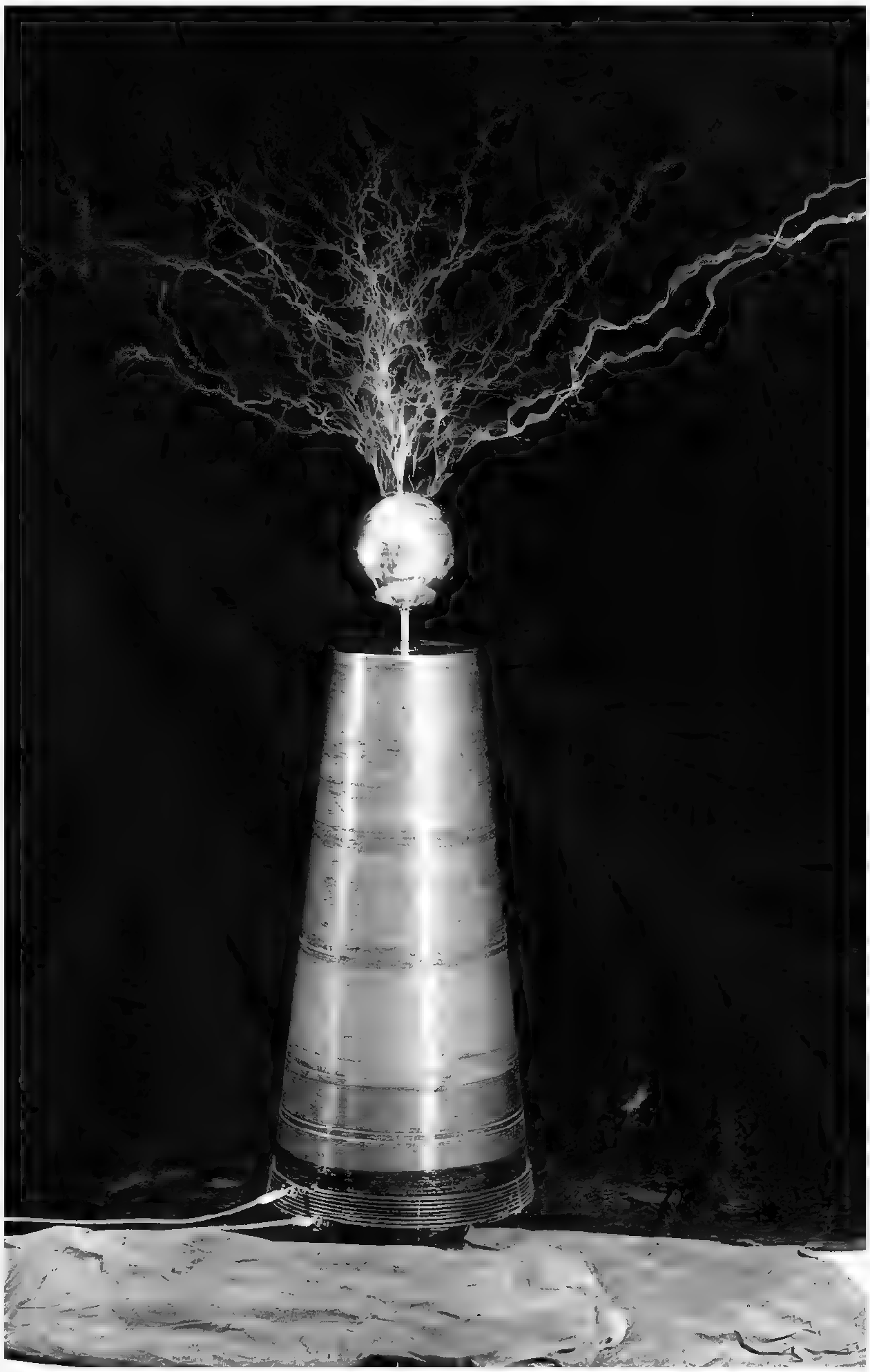




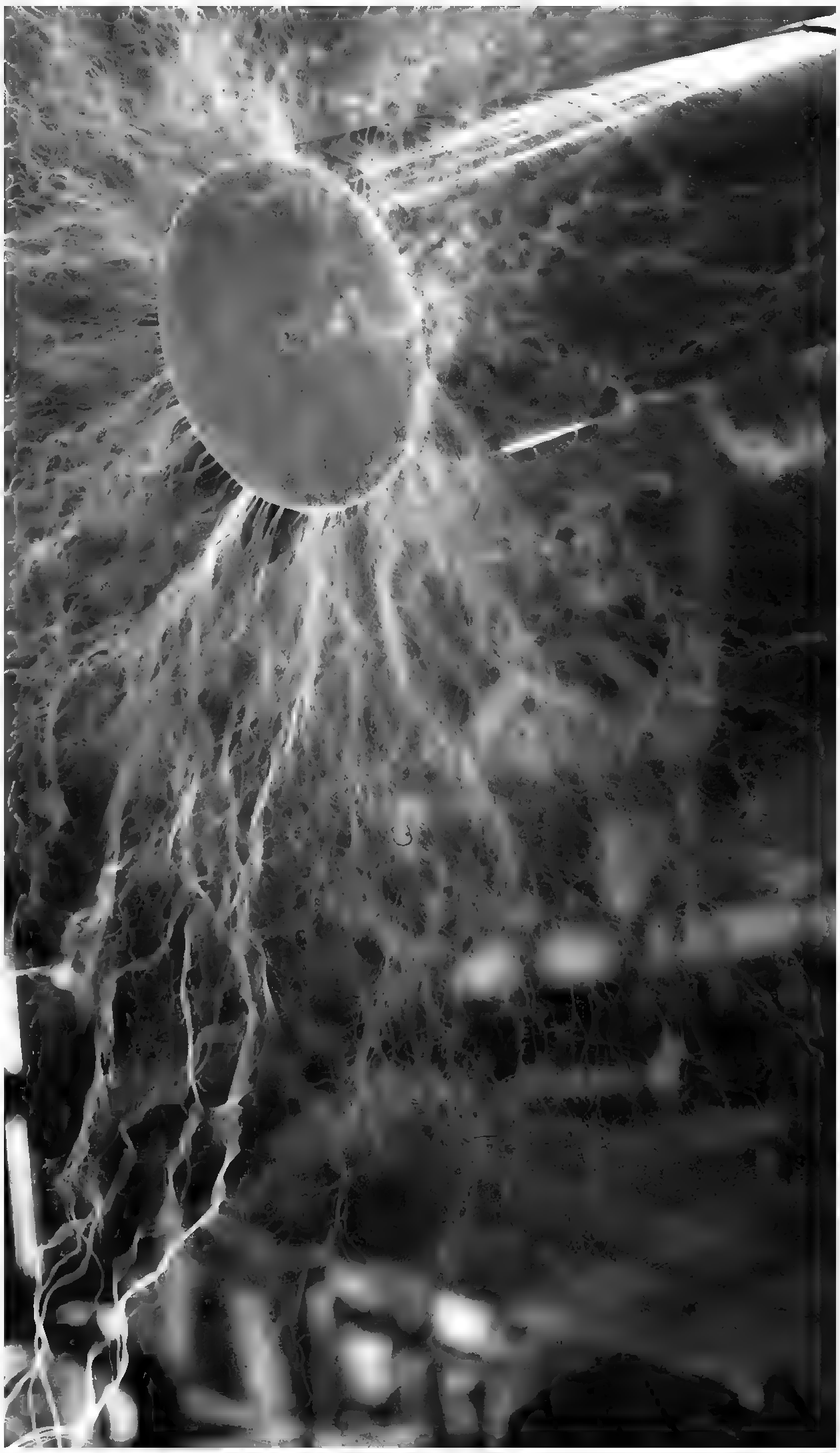






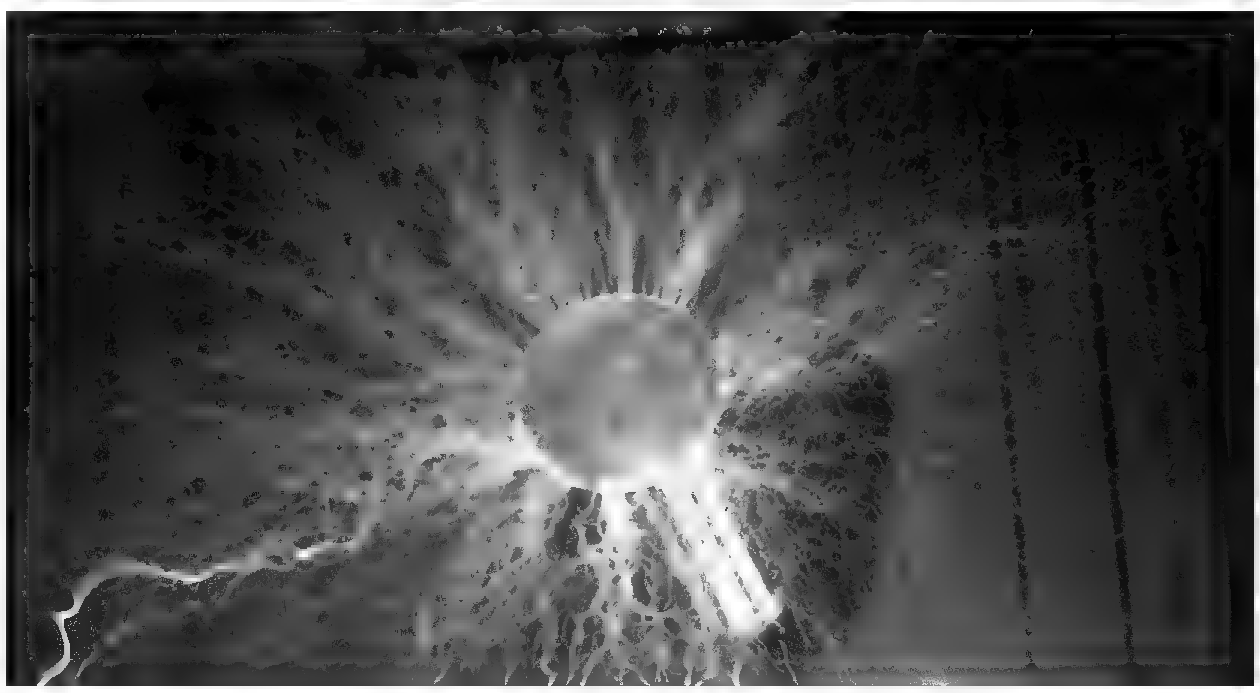




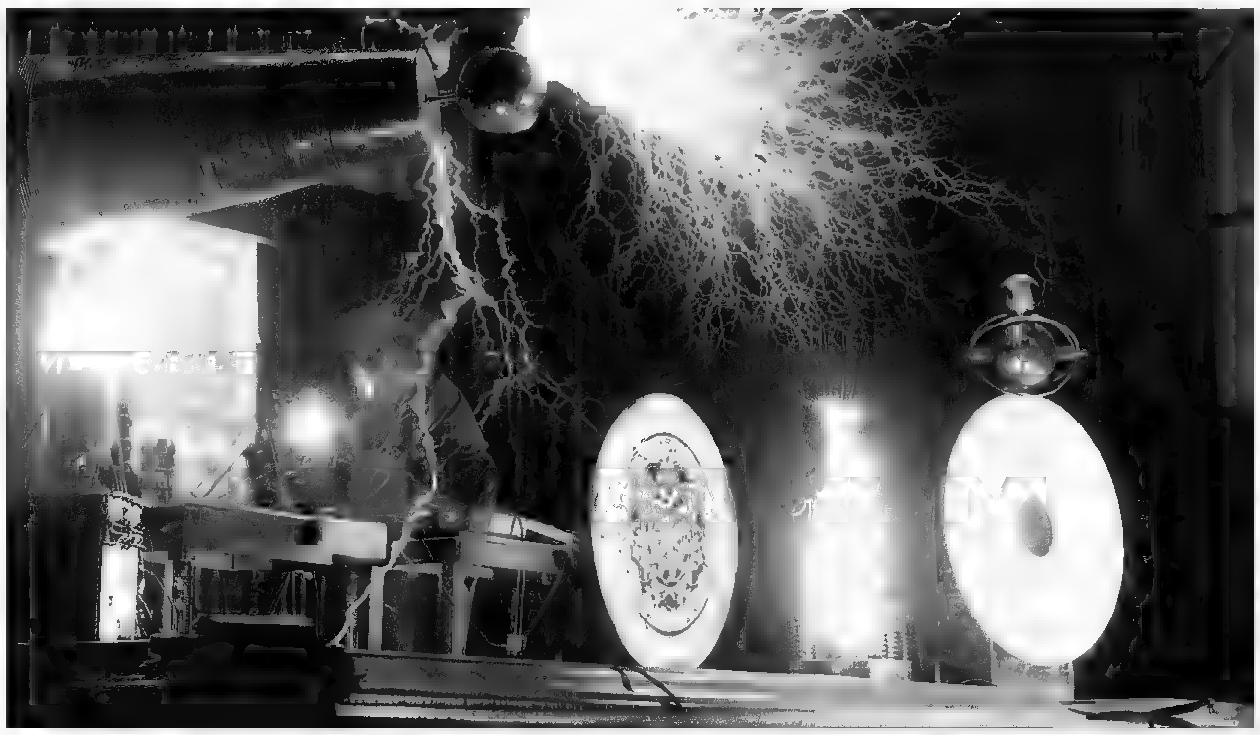




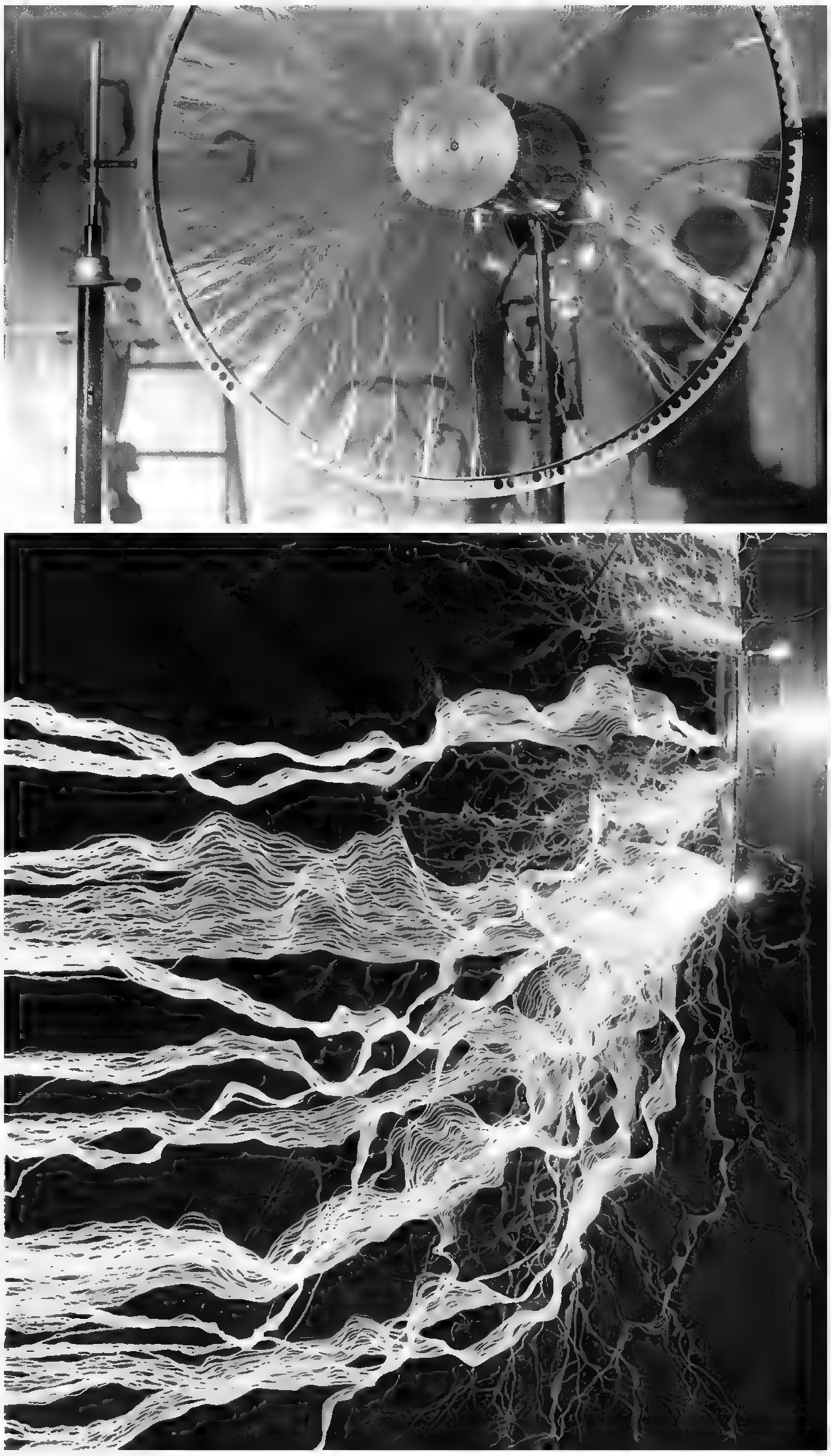


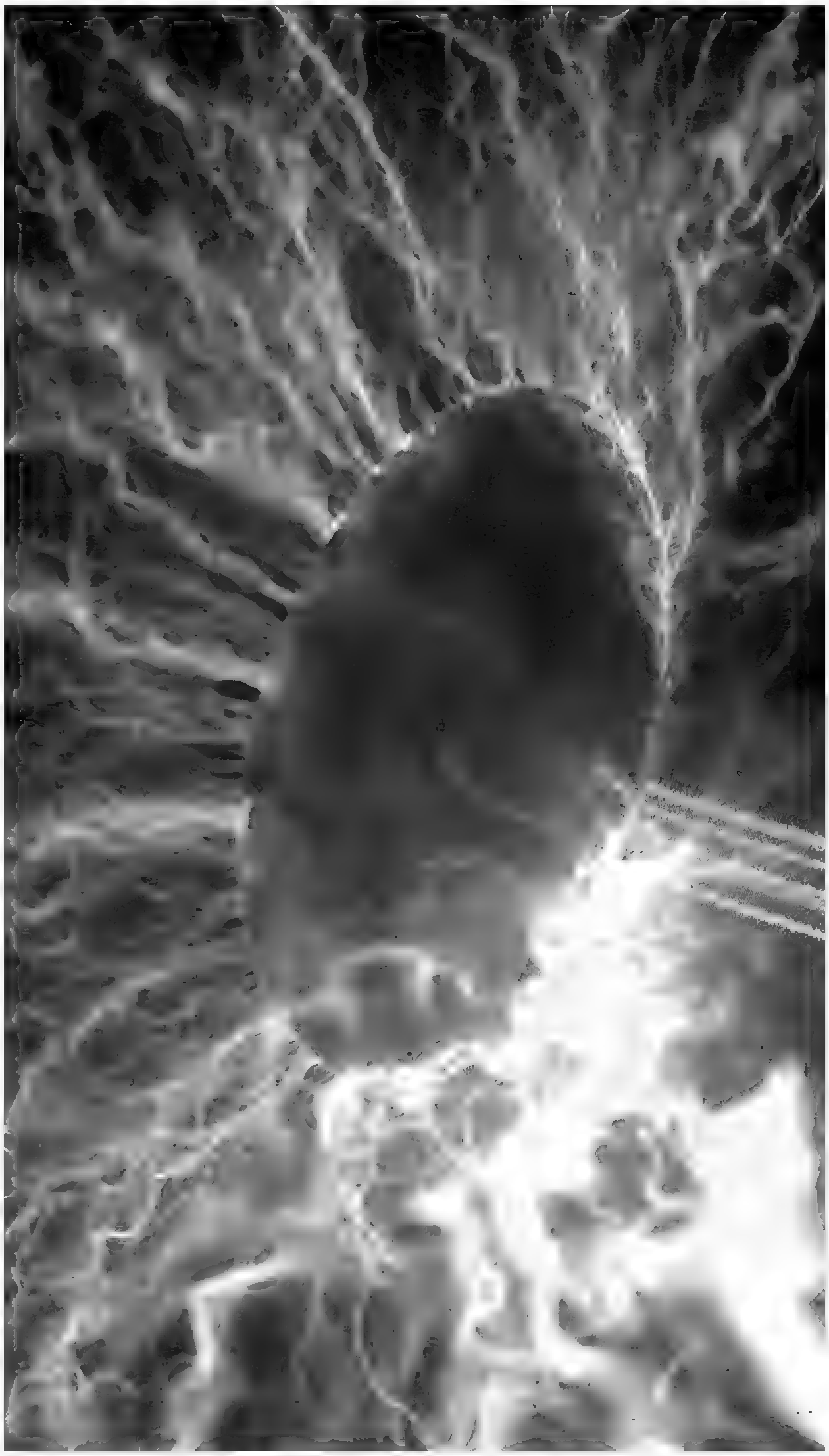


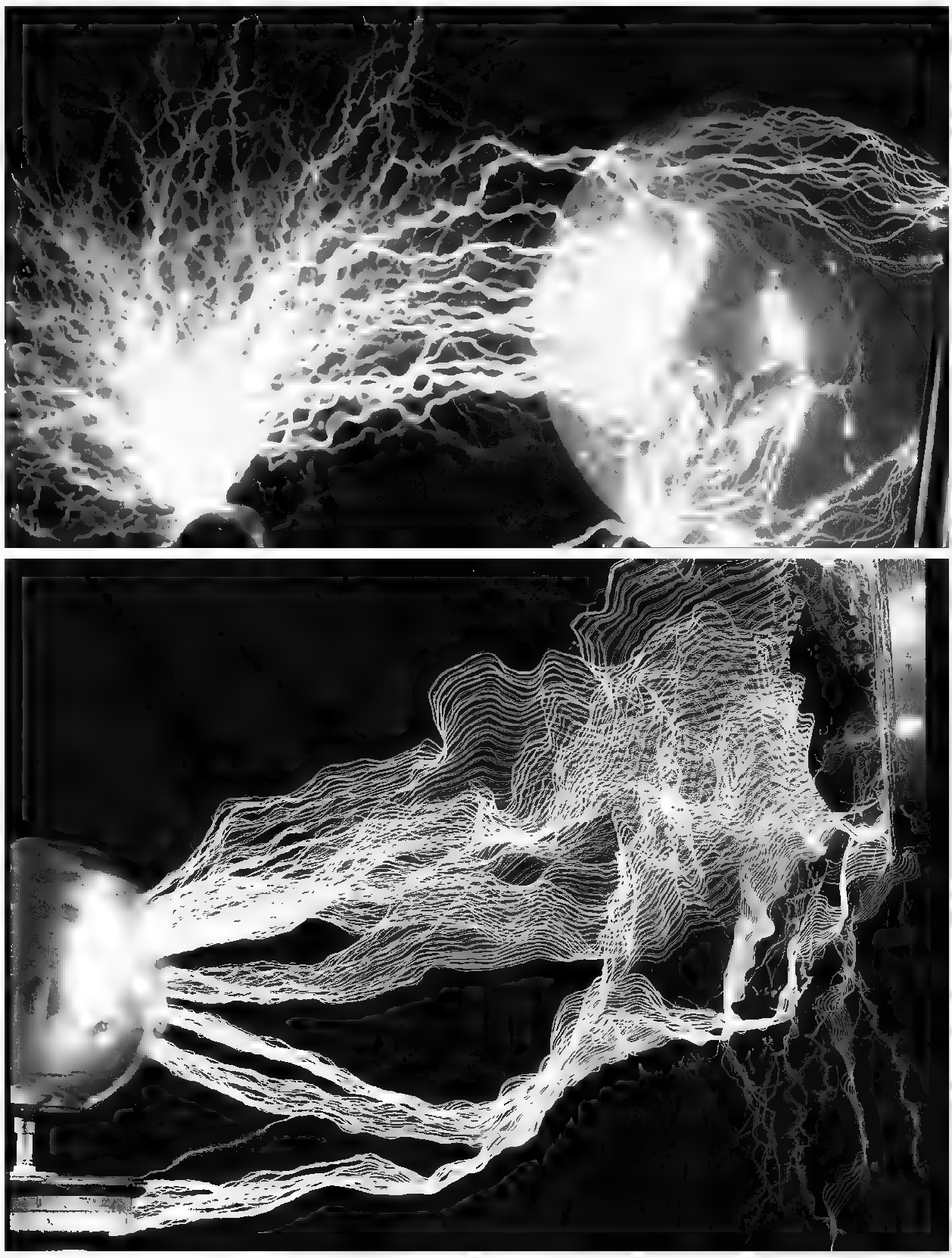










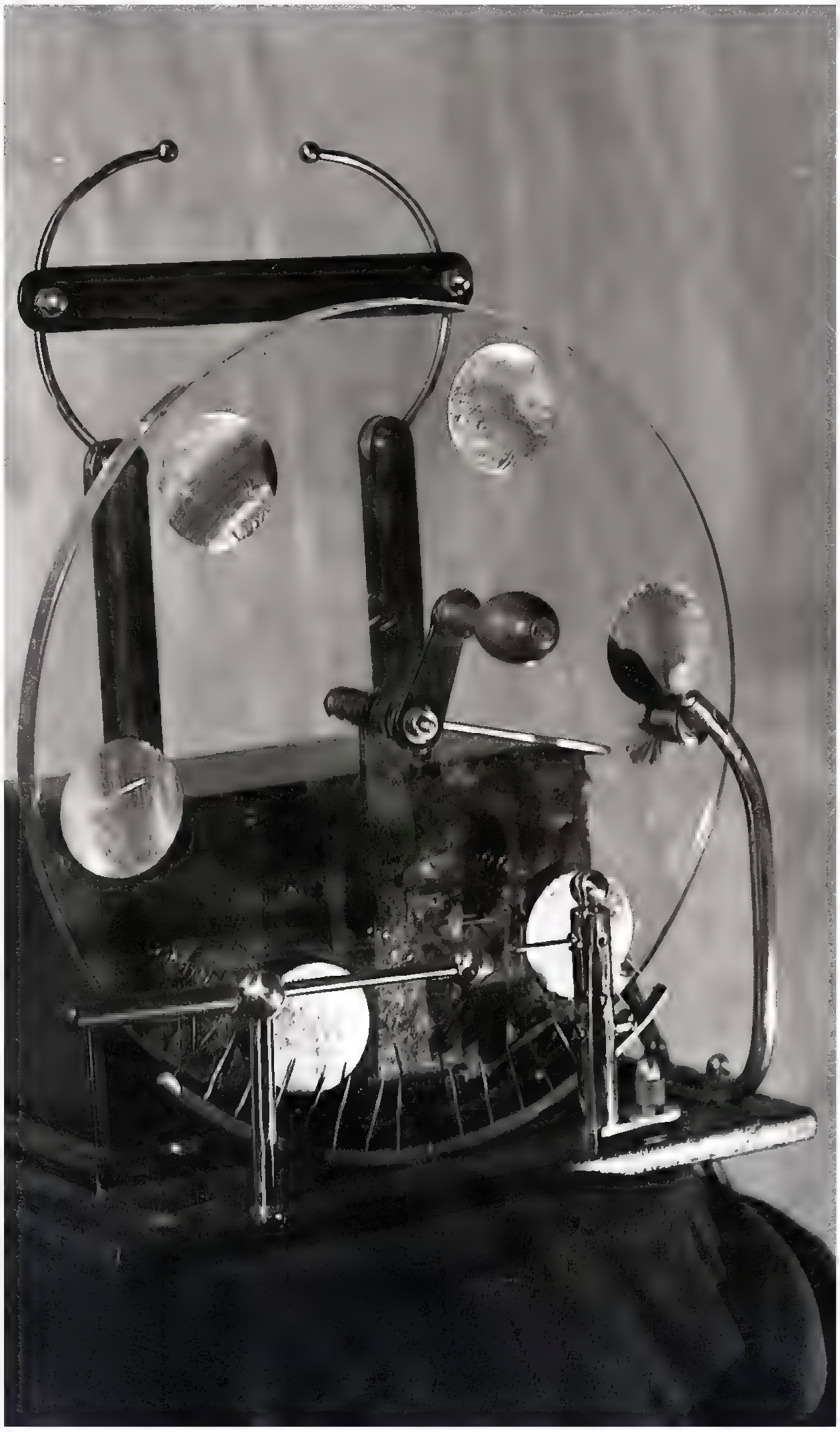


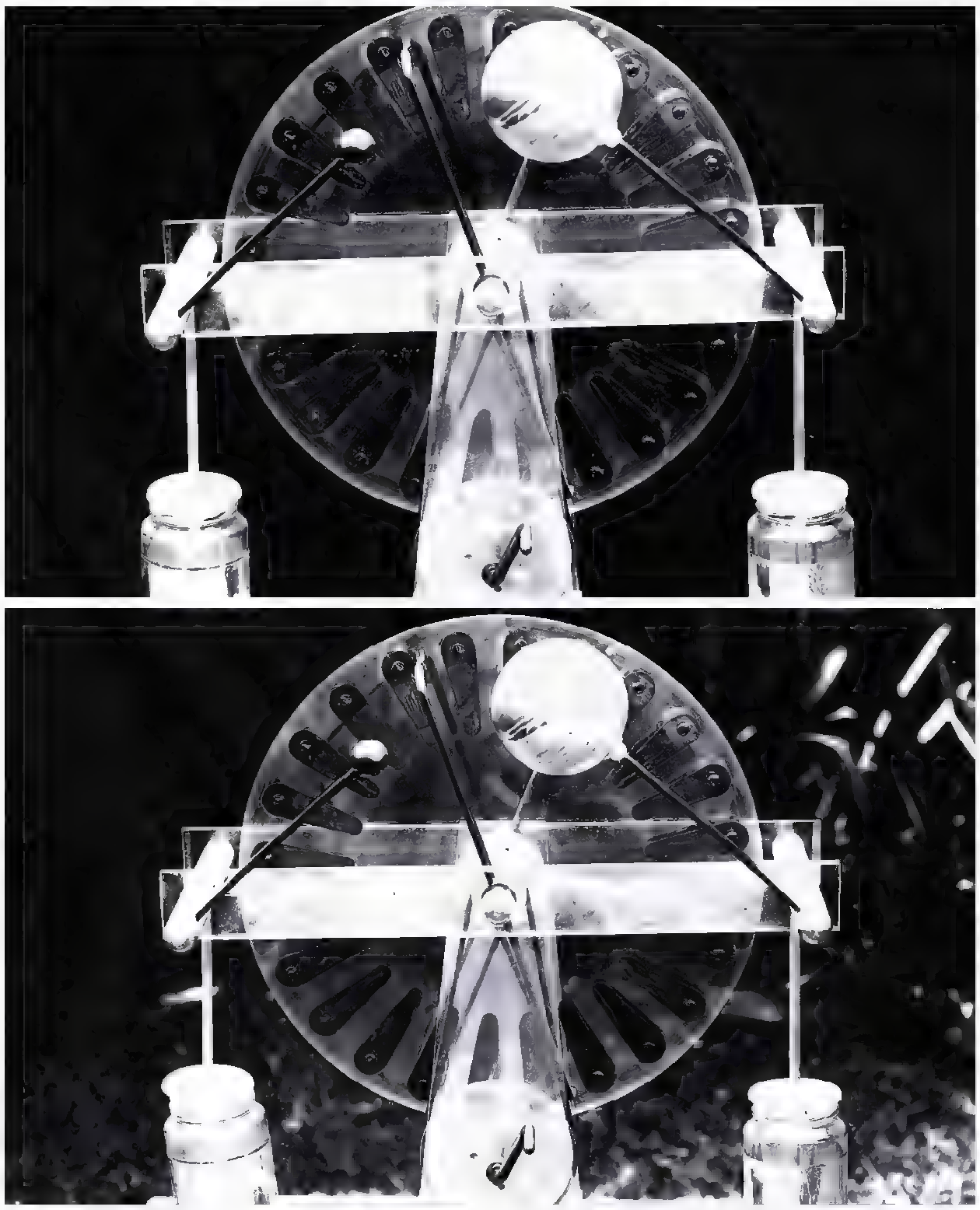






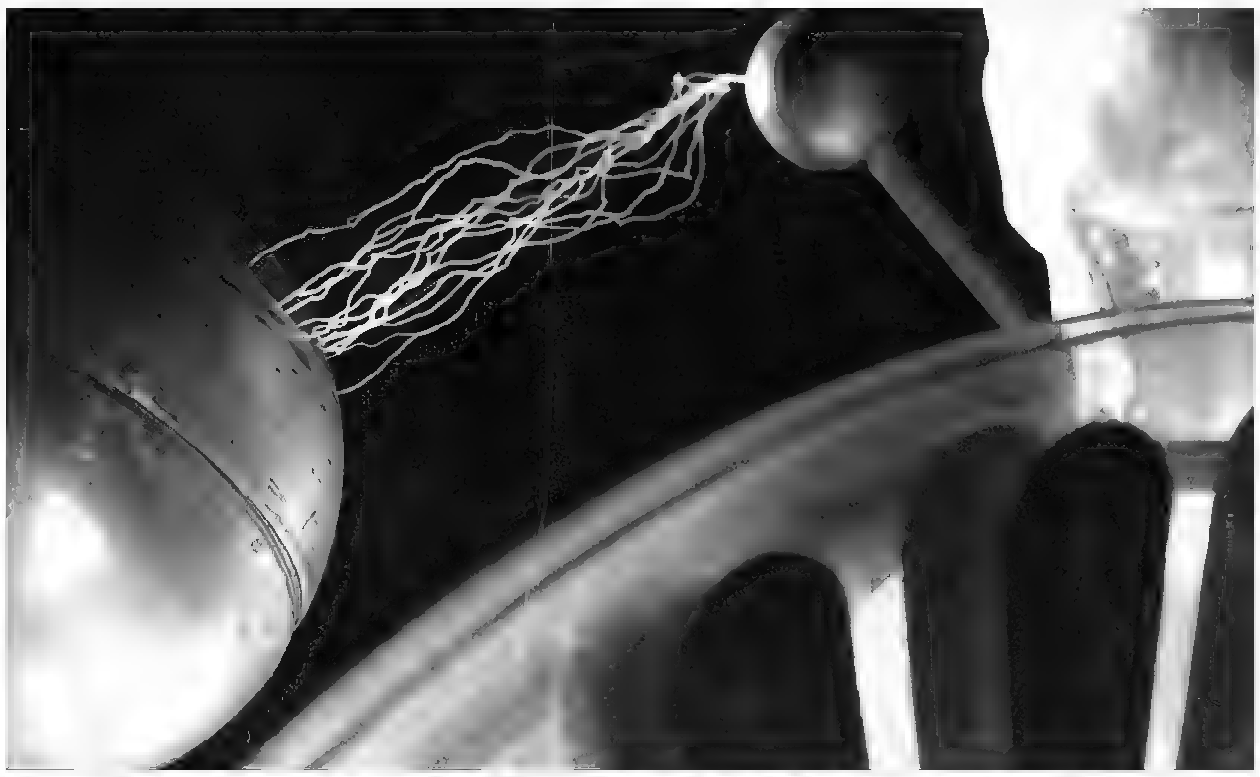




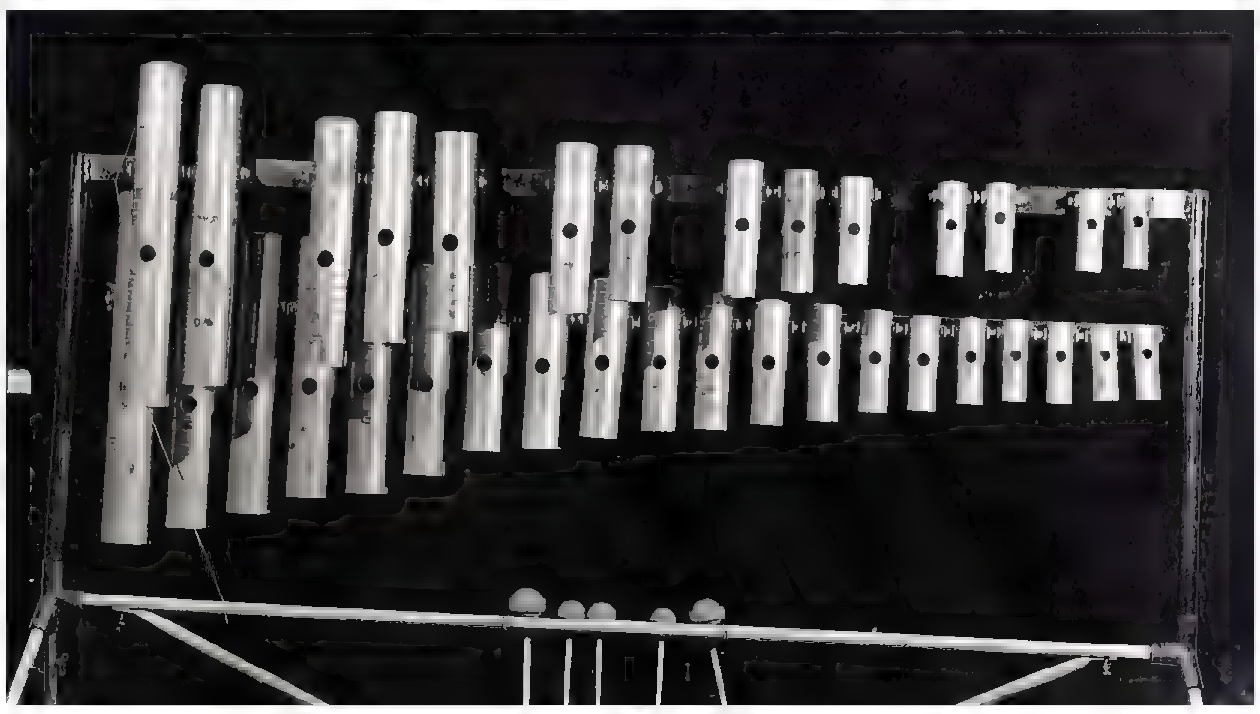


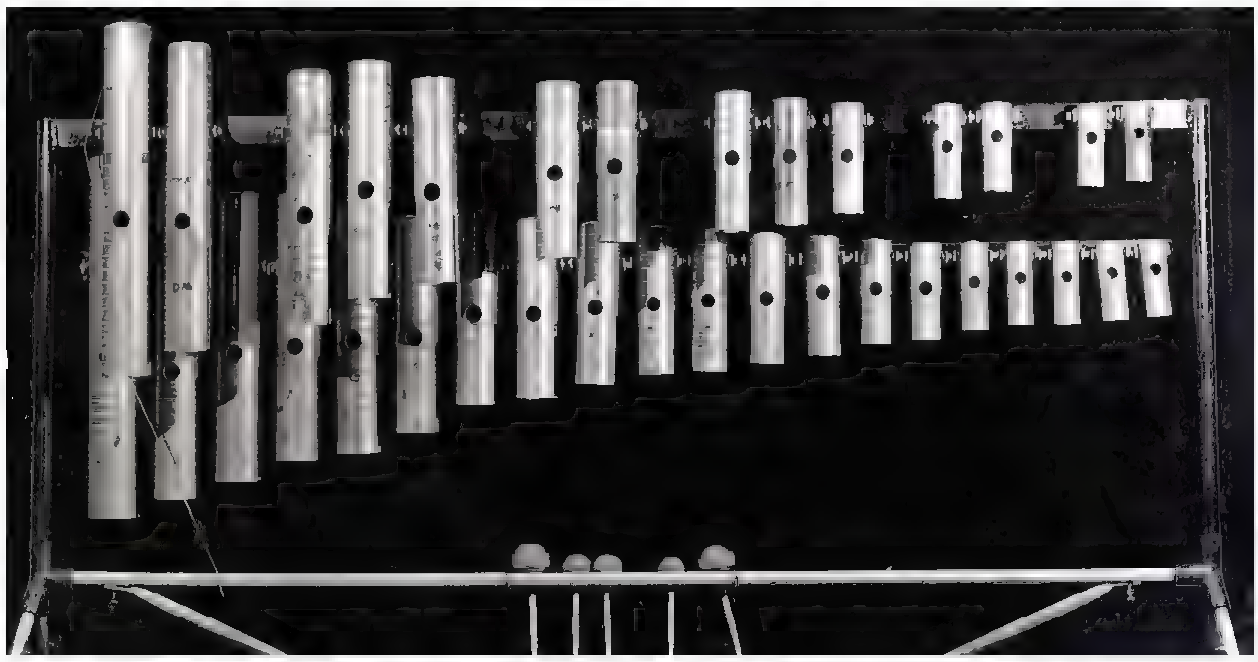


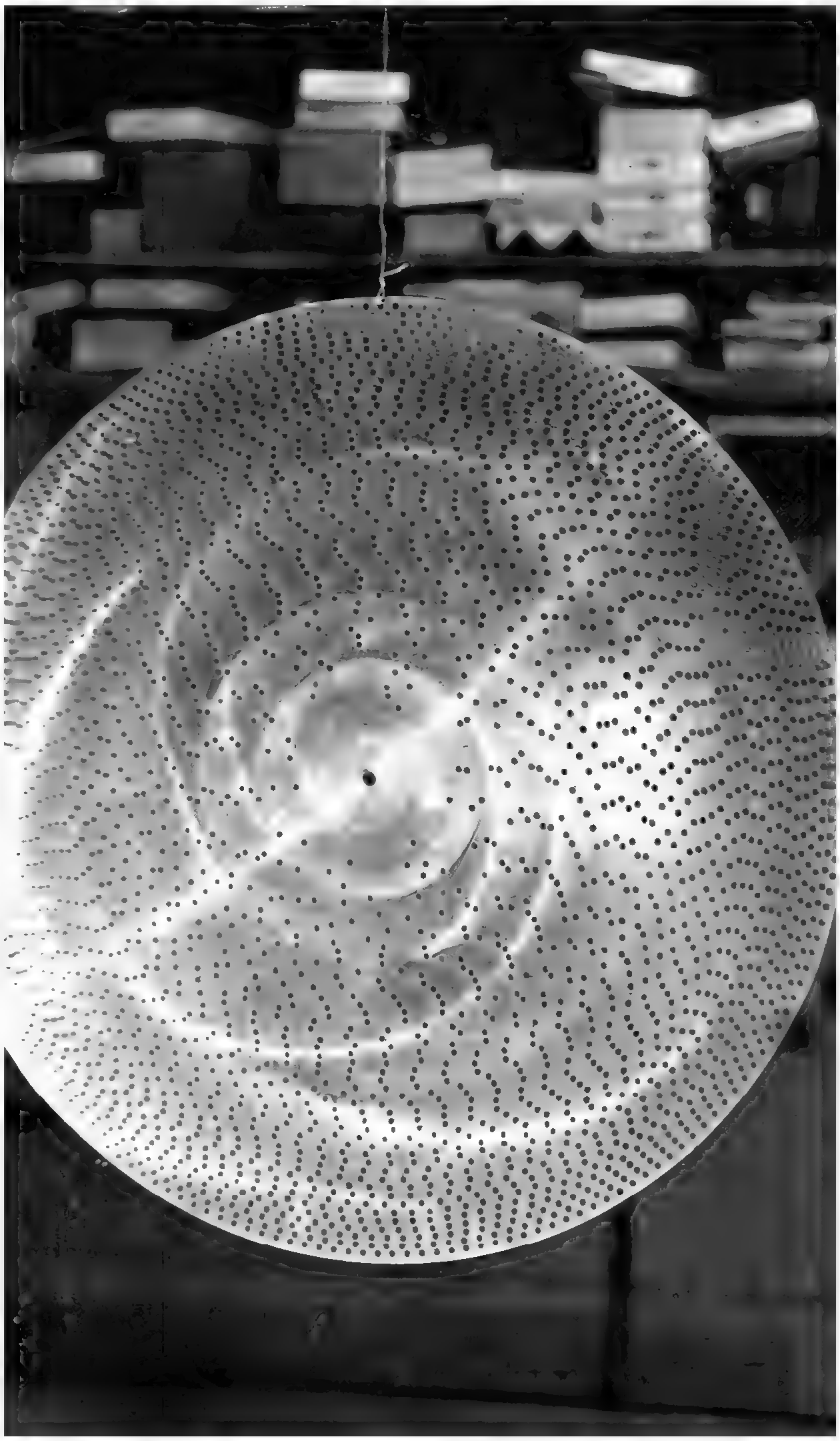


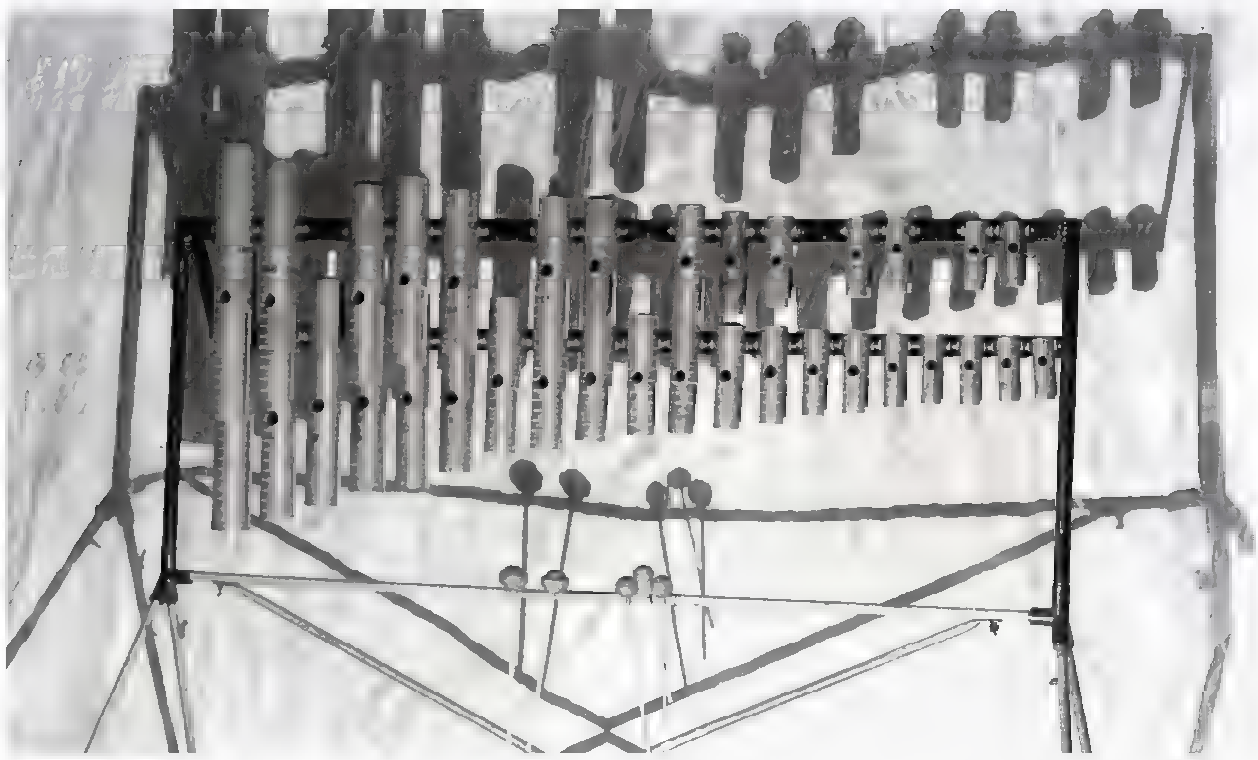










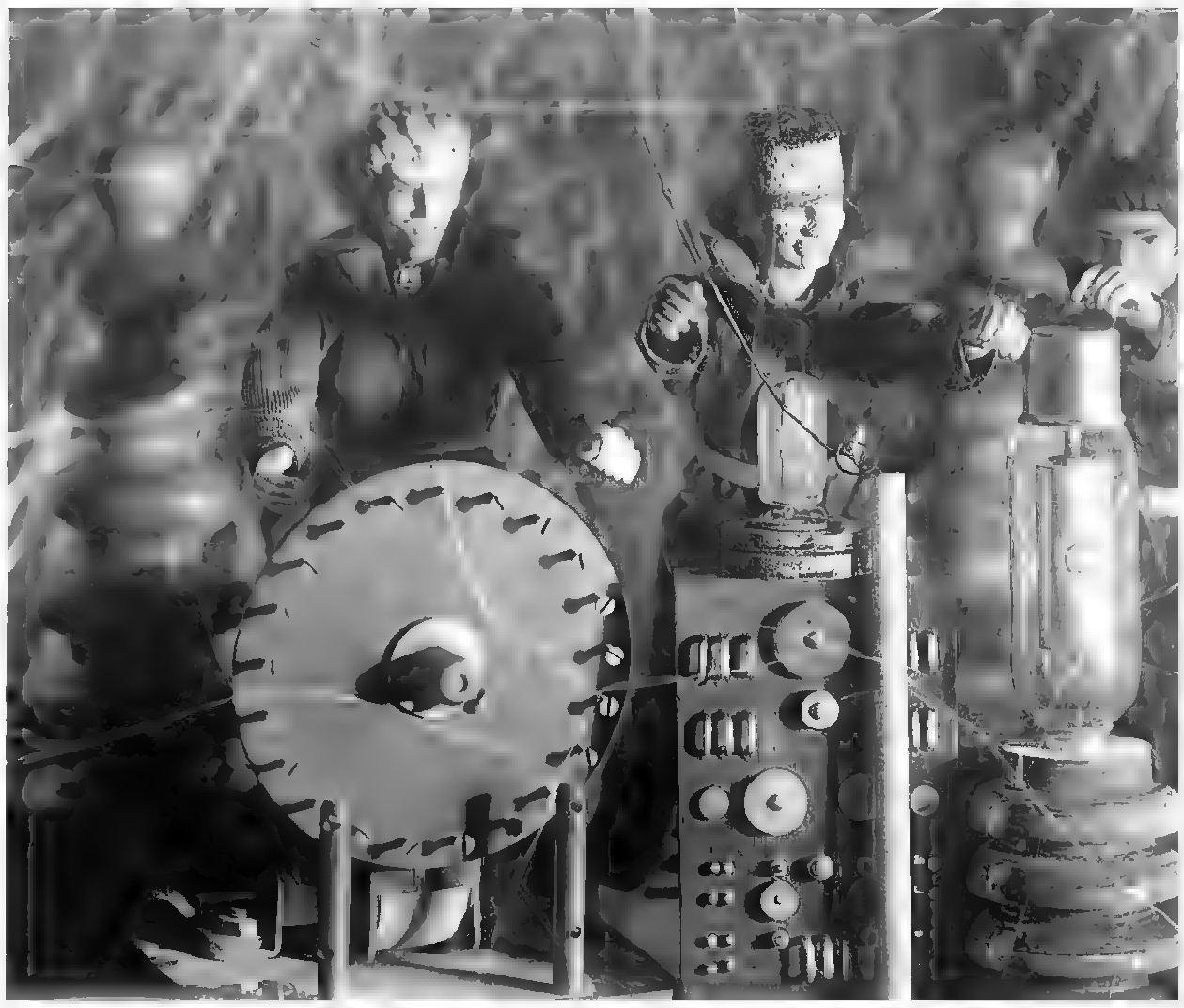


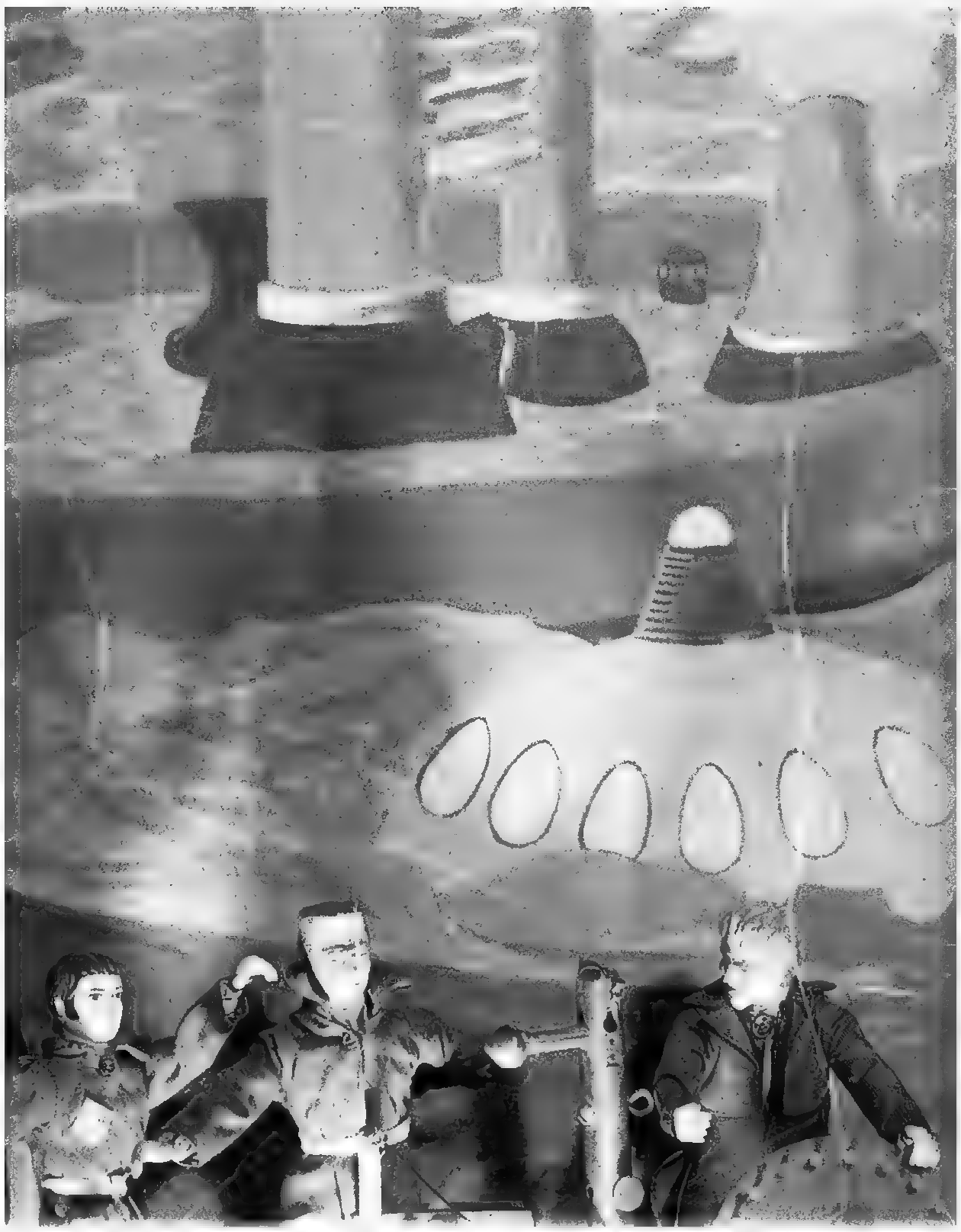


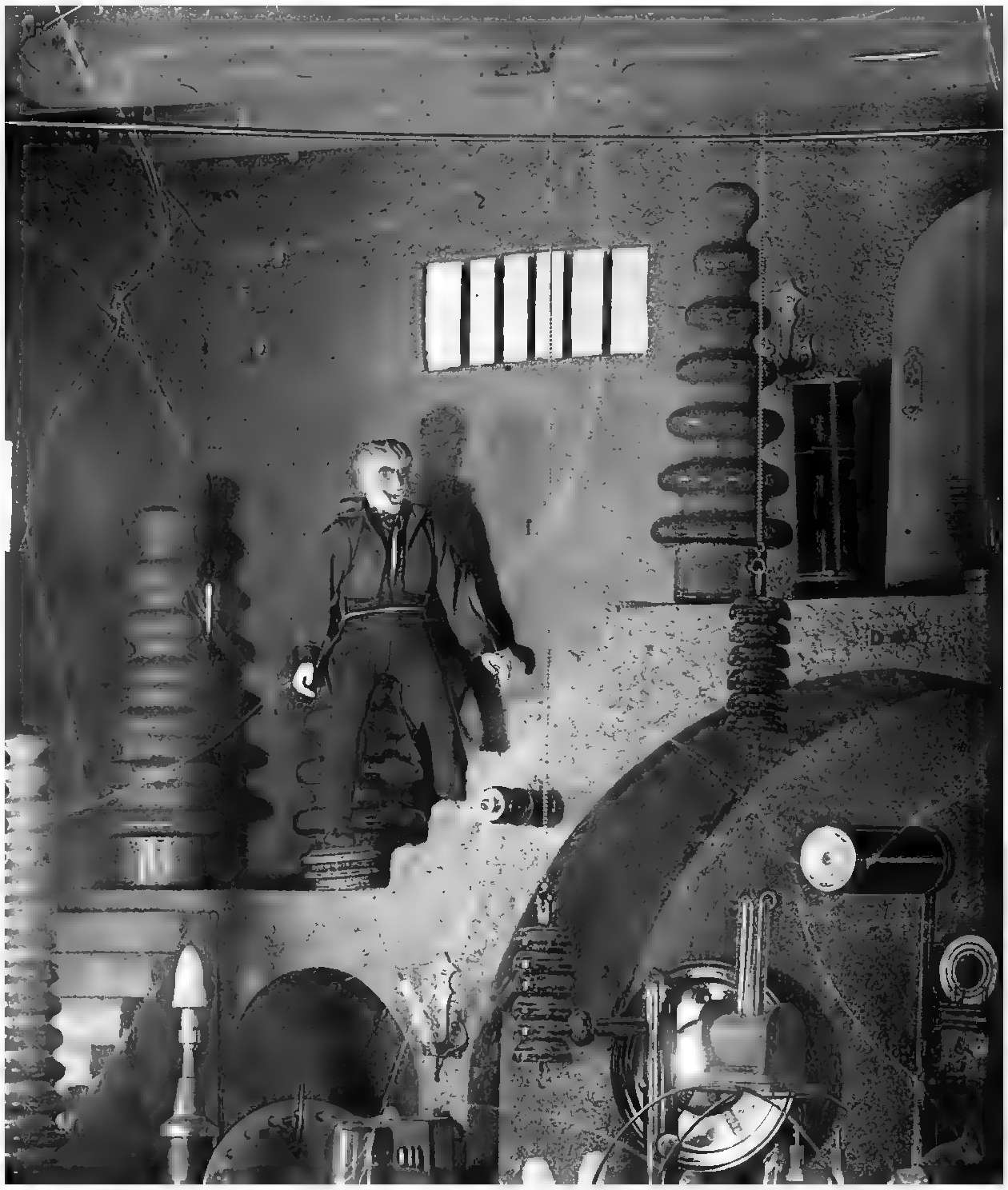


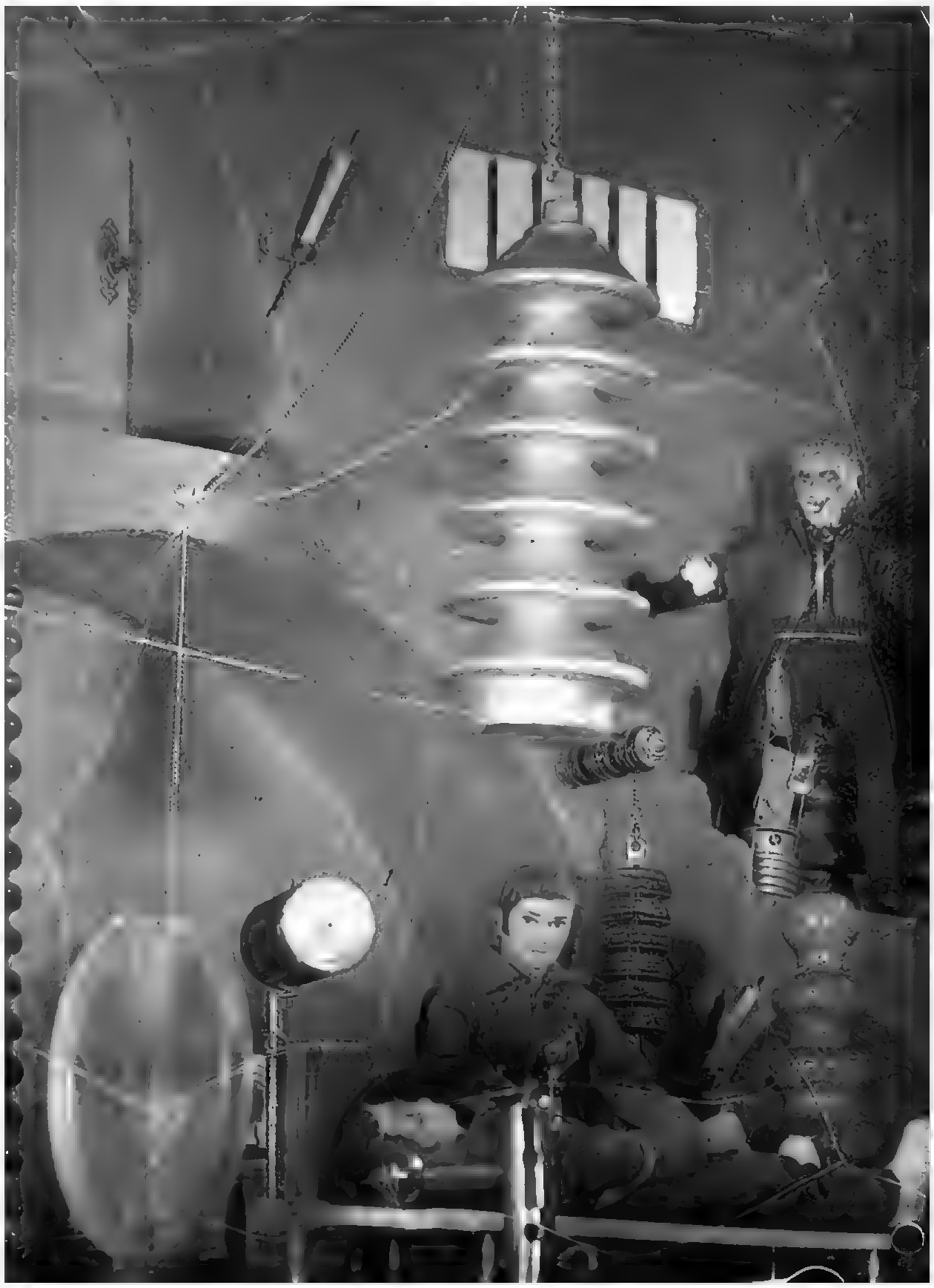

191 8 AIR PLANE HUP · BANJO · HELMET. CR



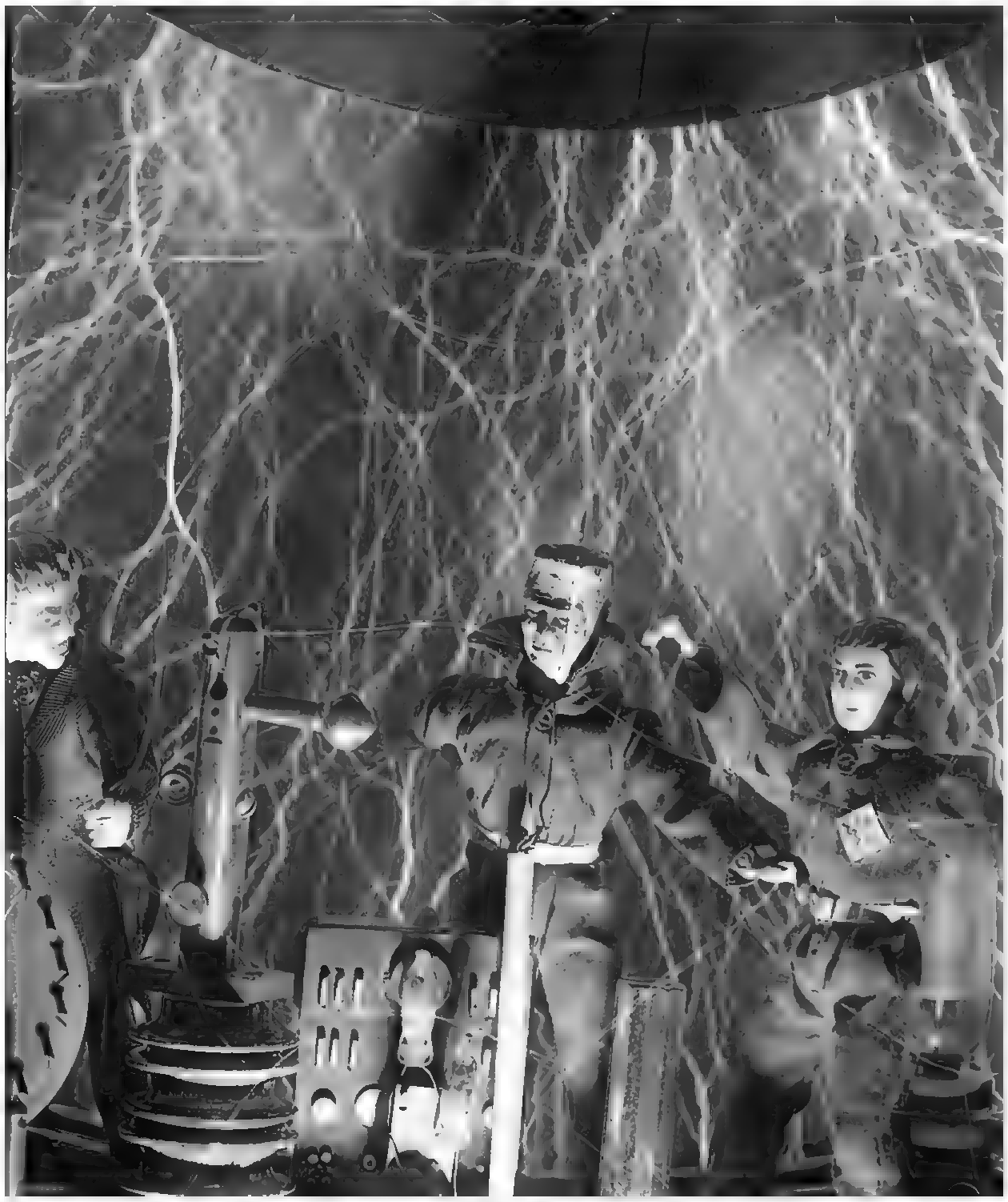








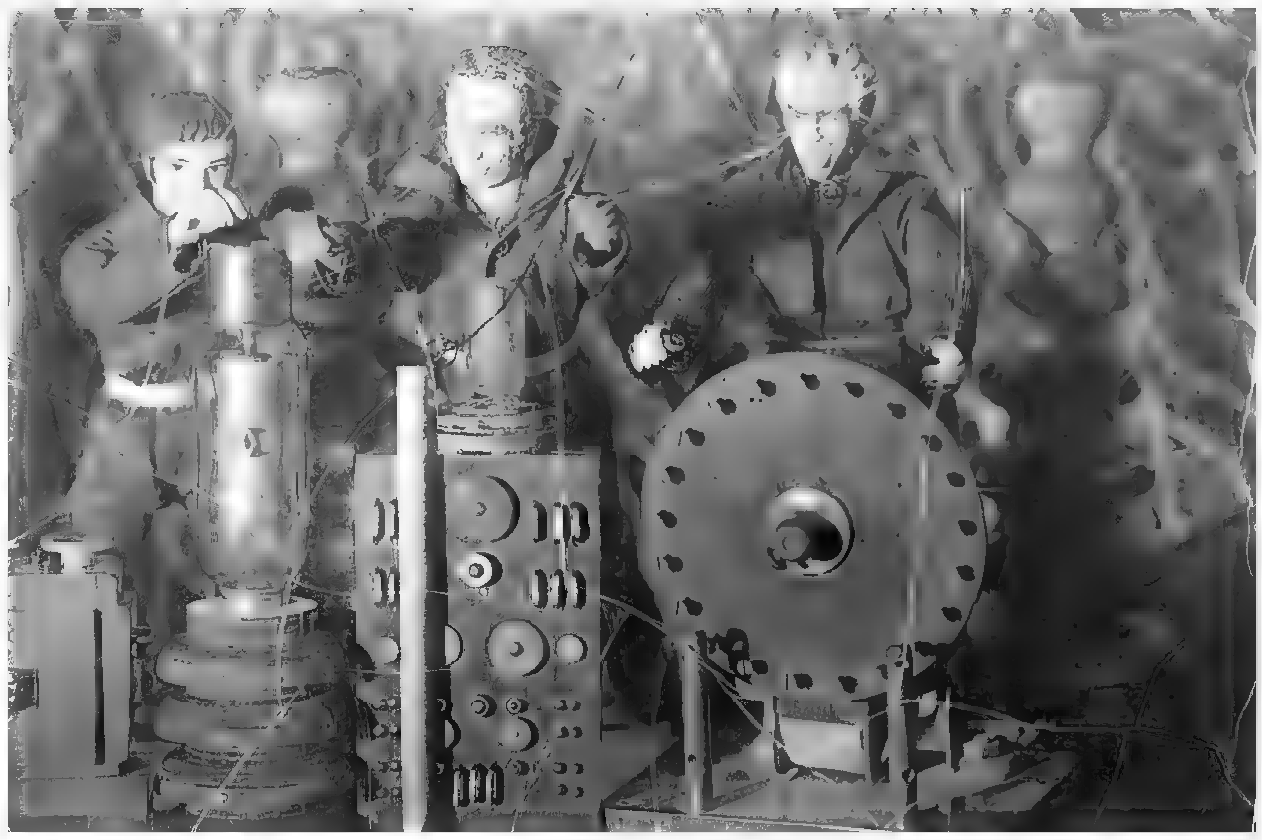






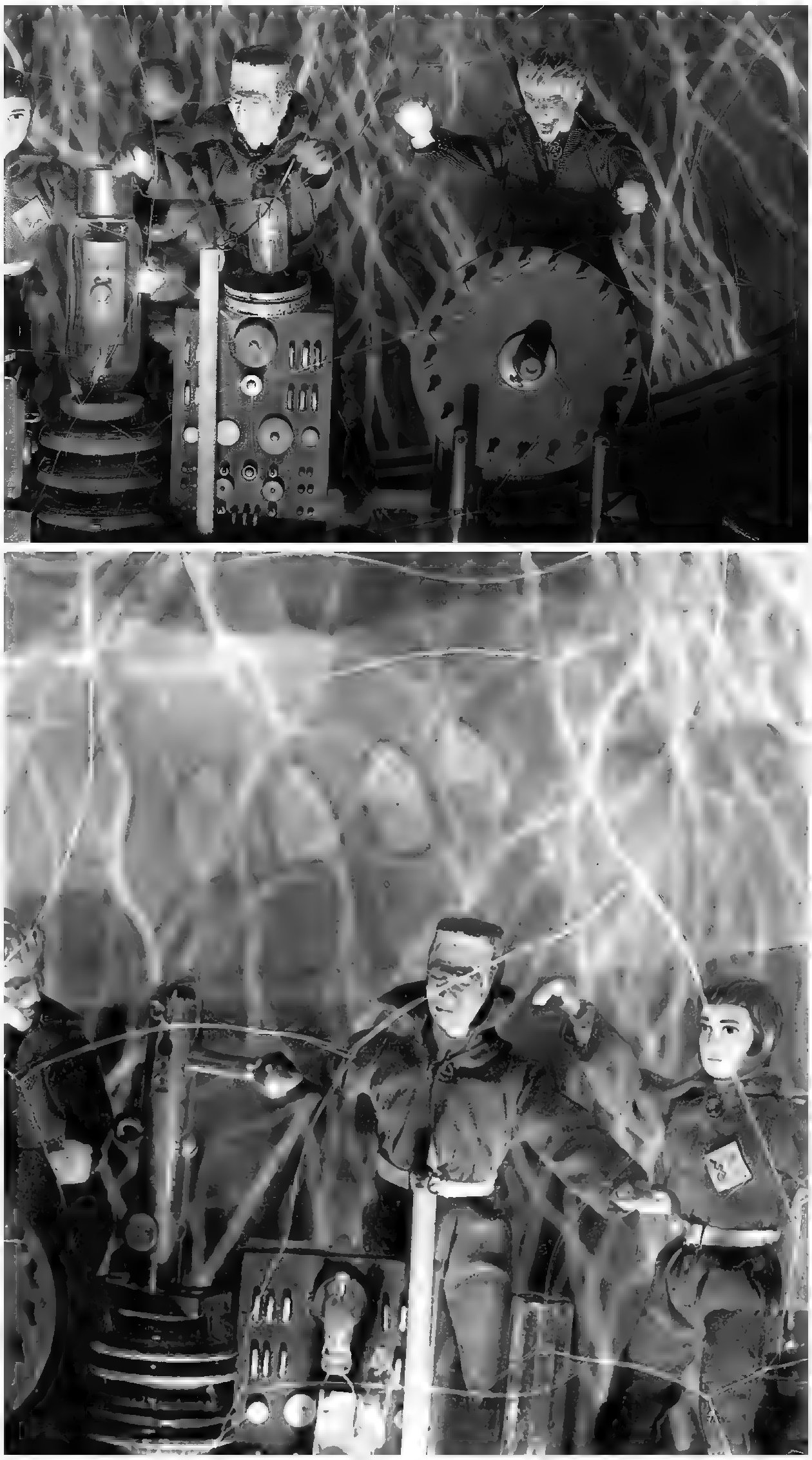




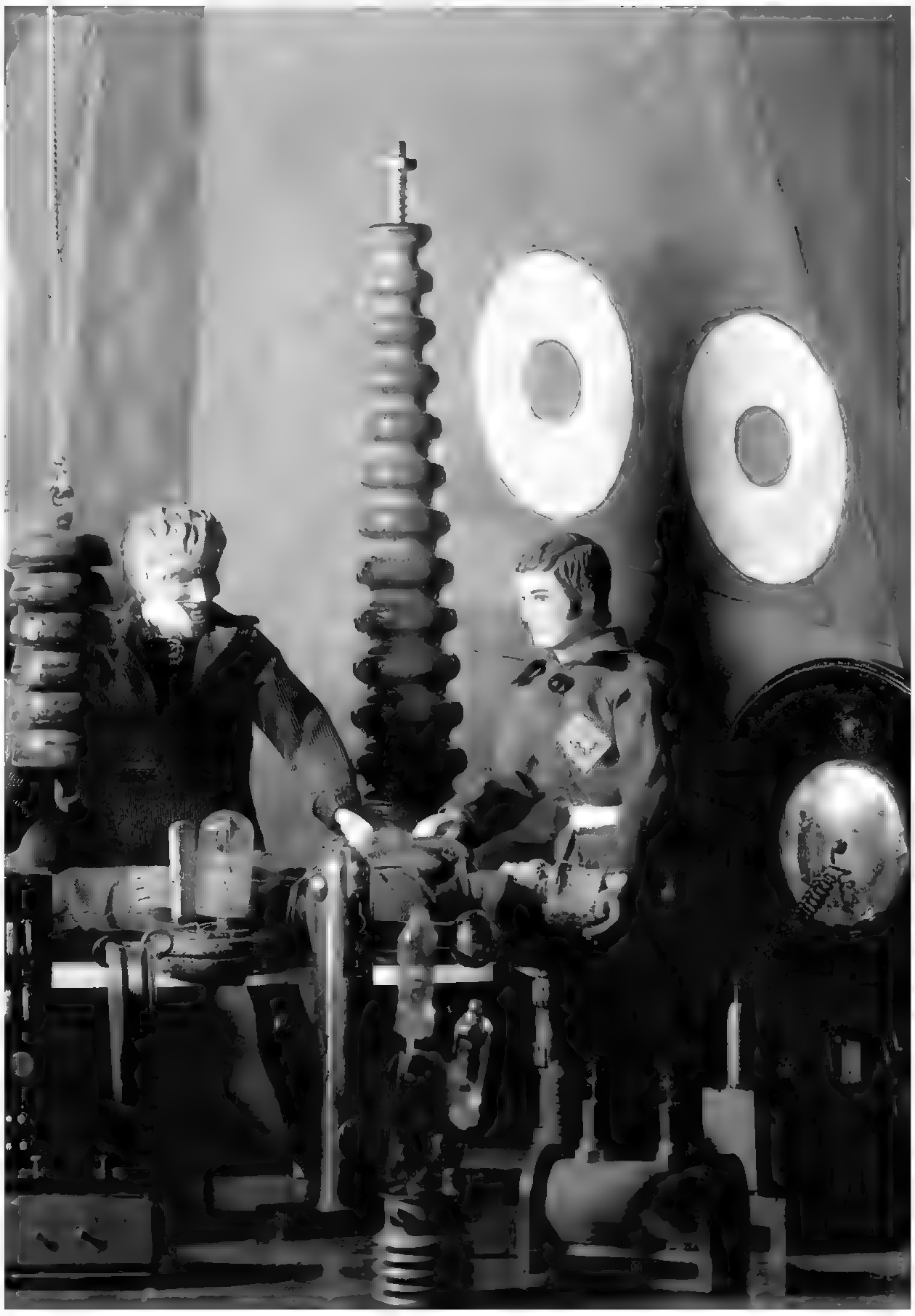


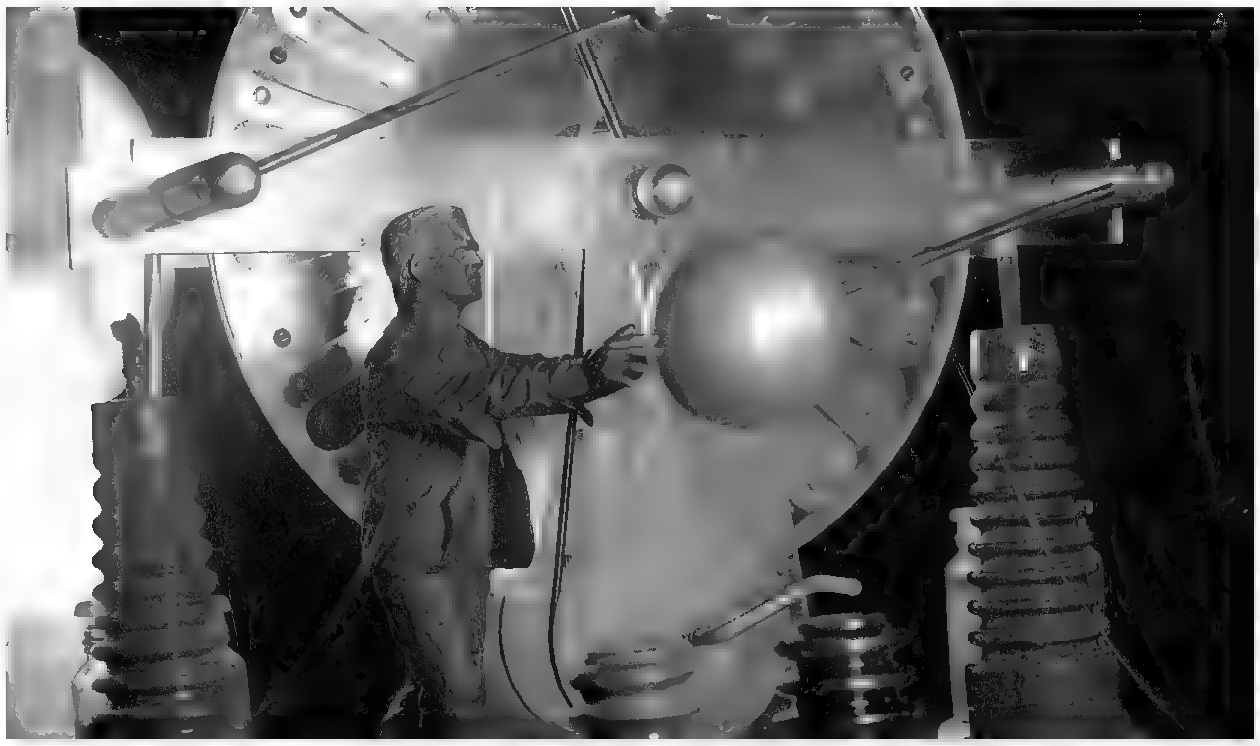












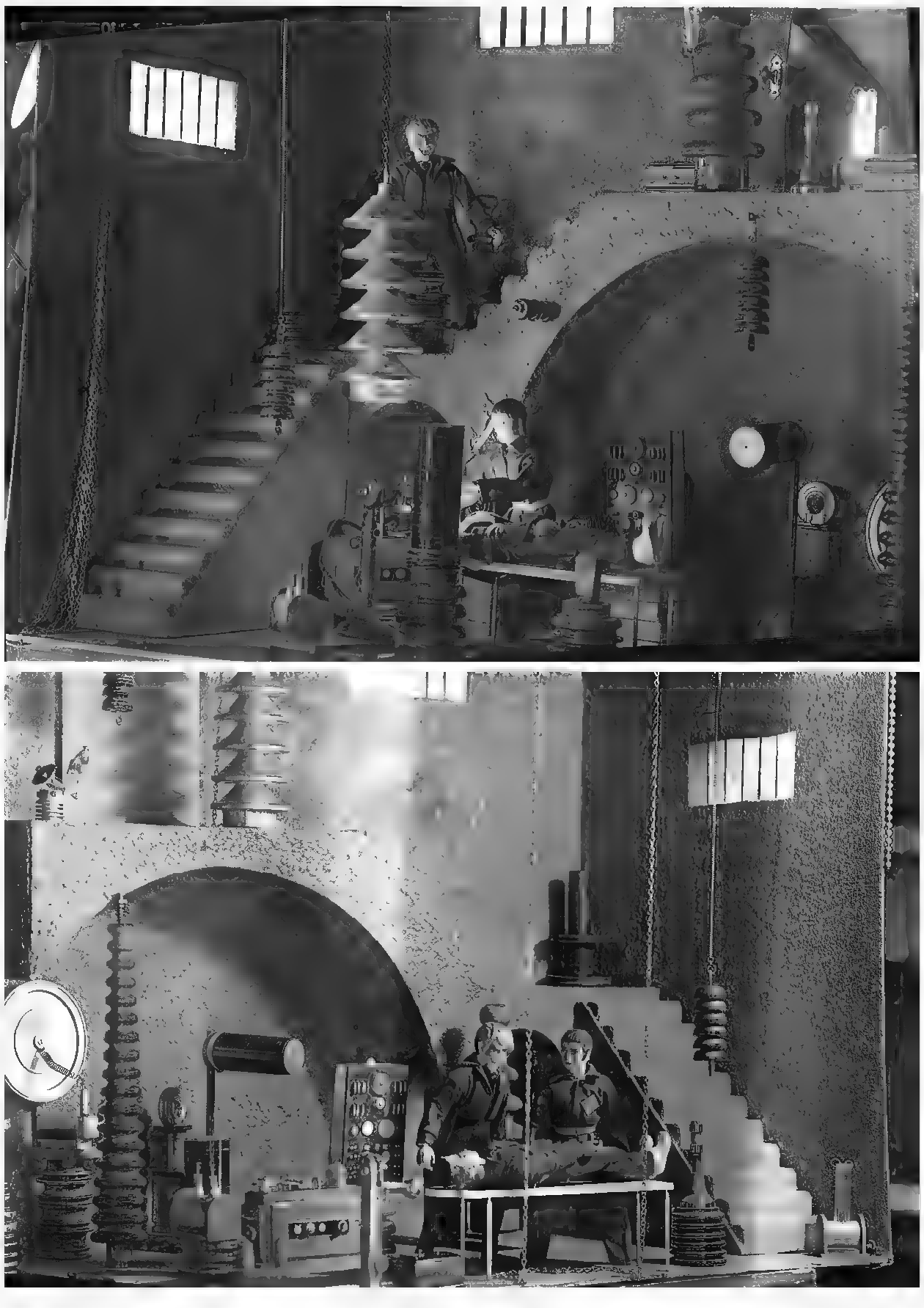










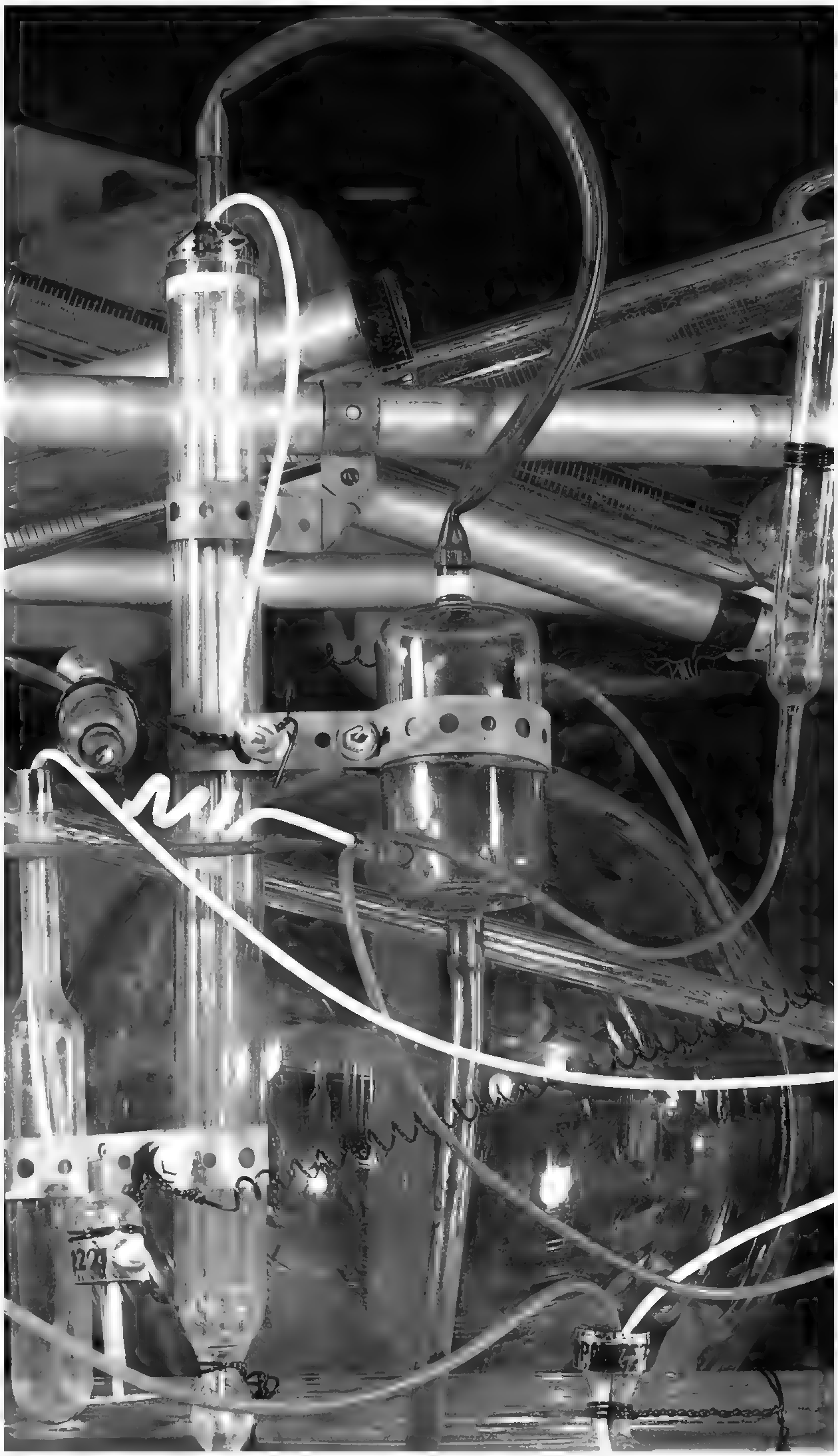




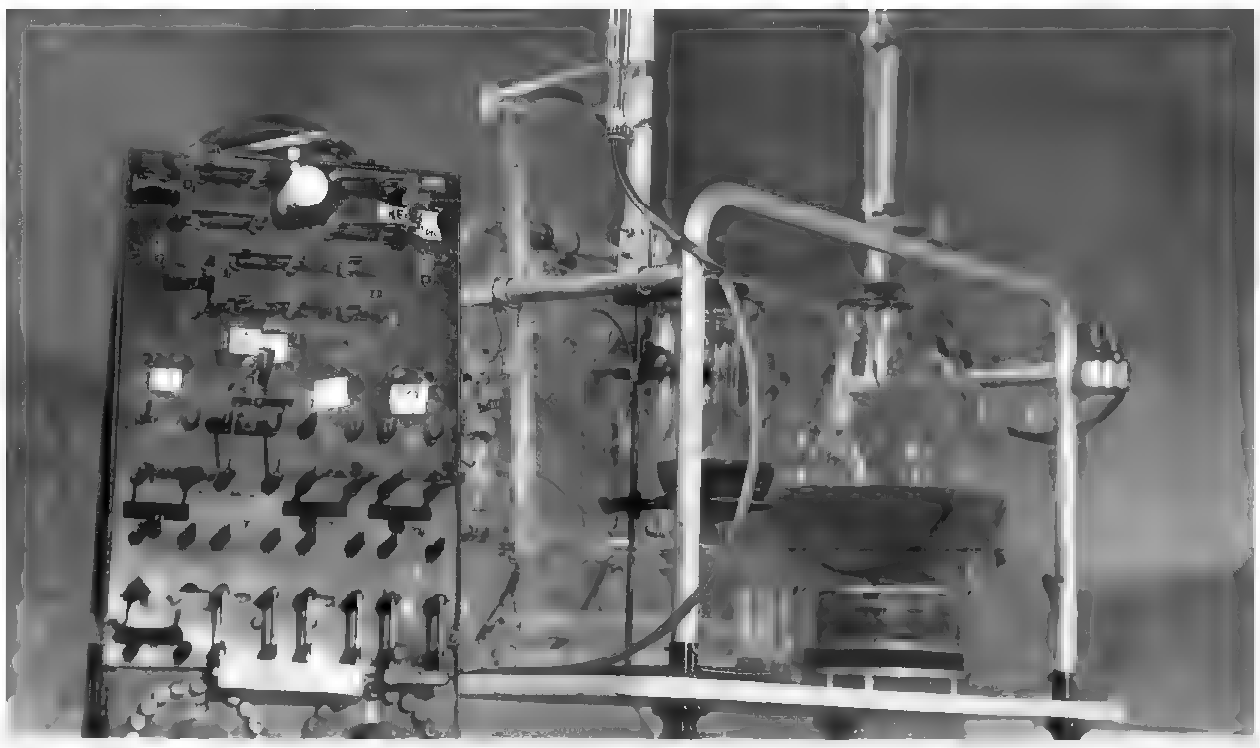








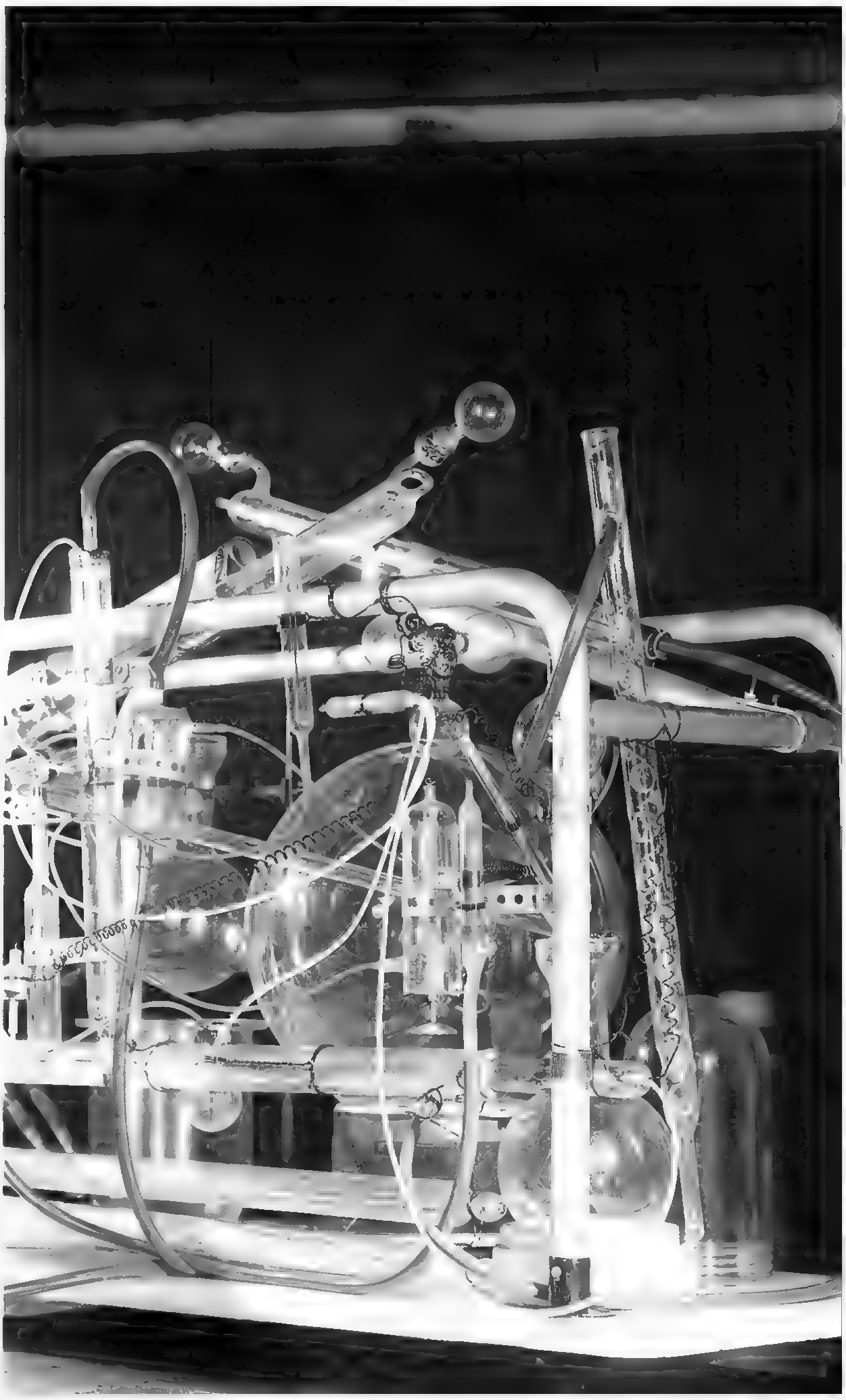


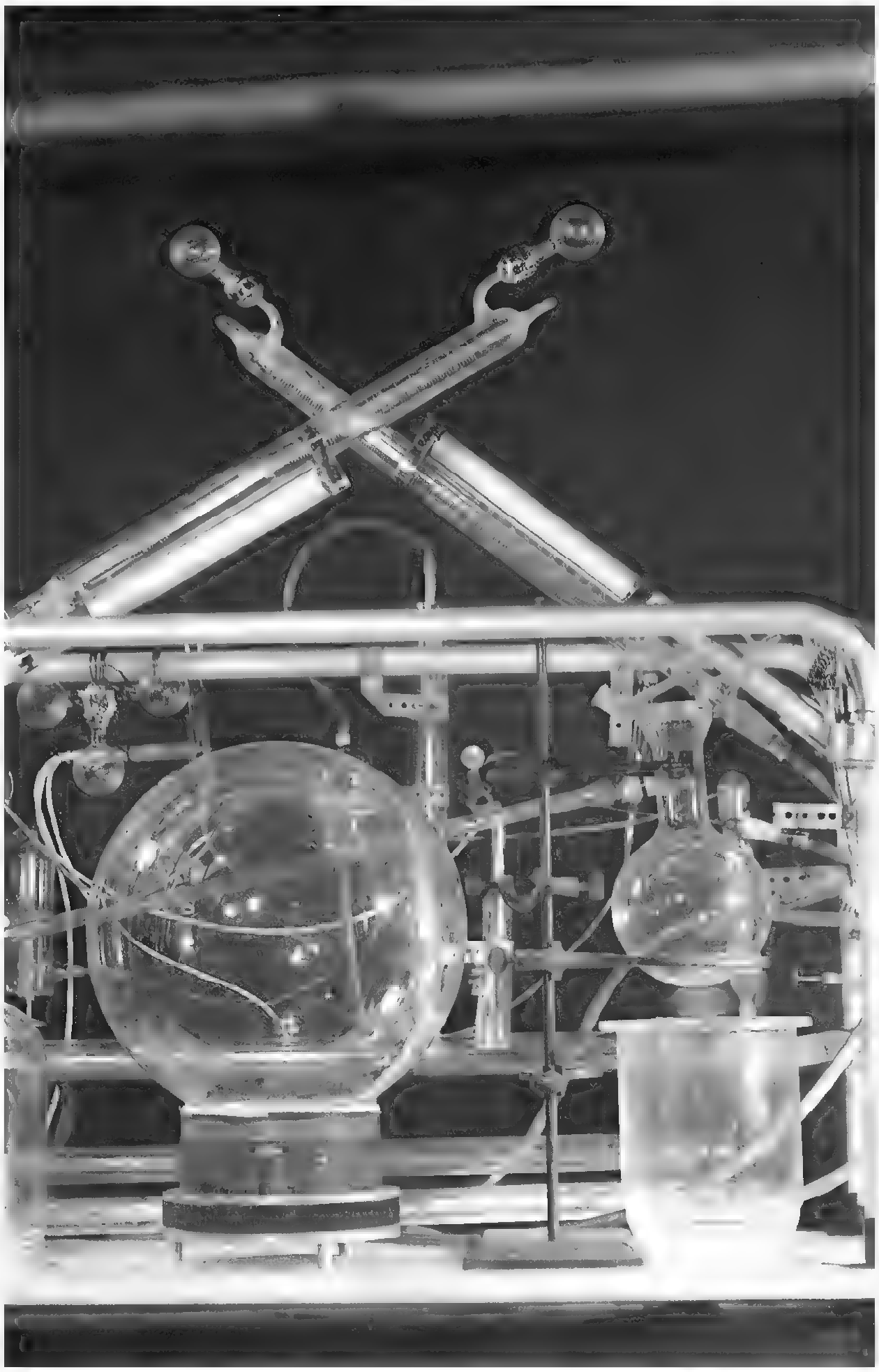


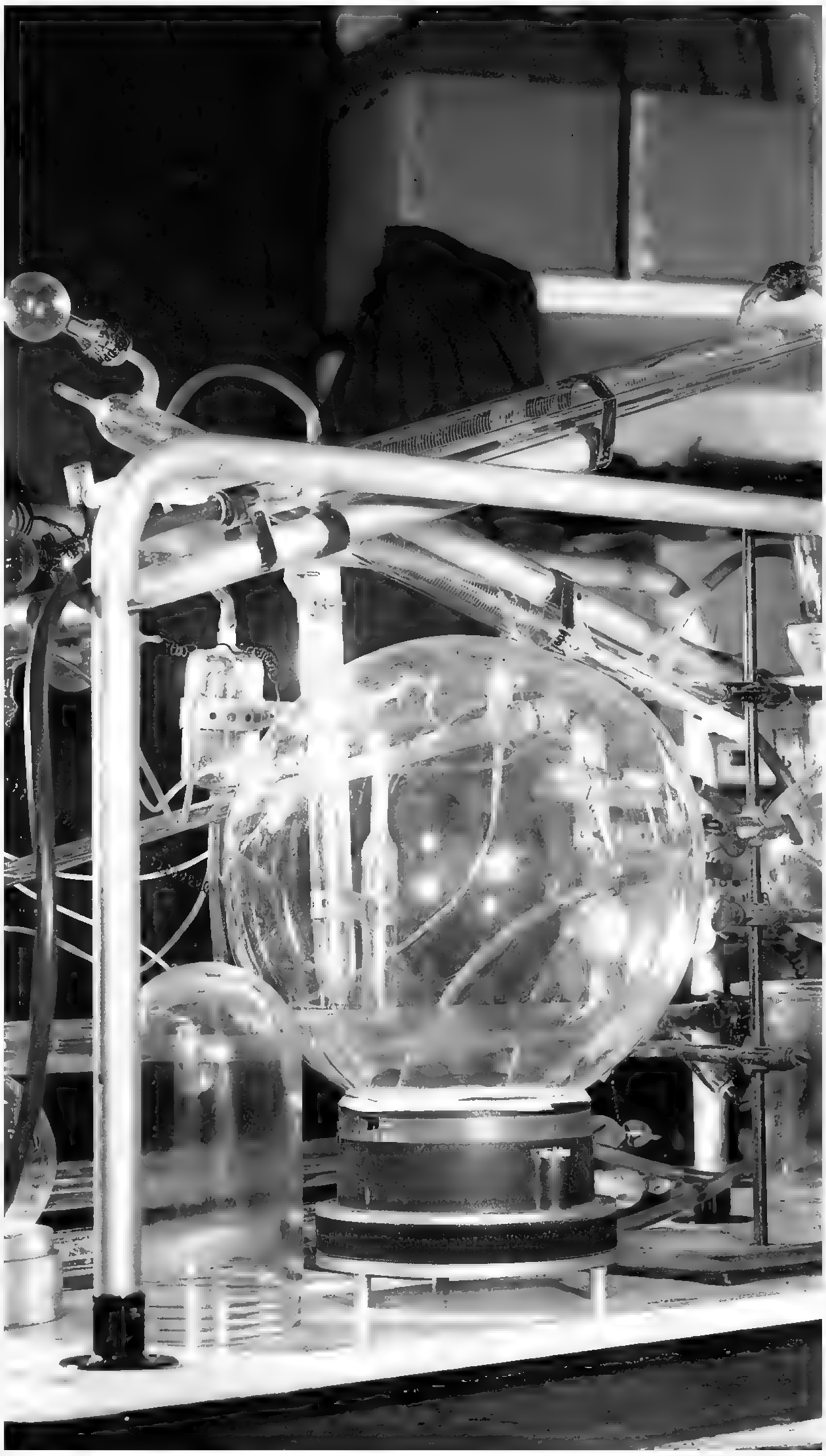






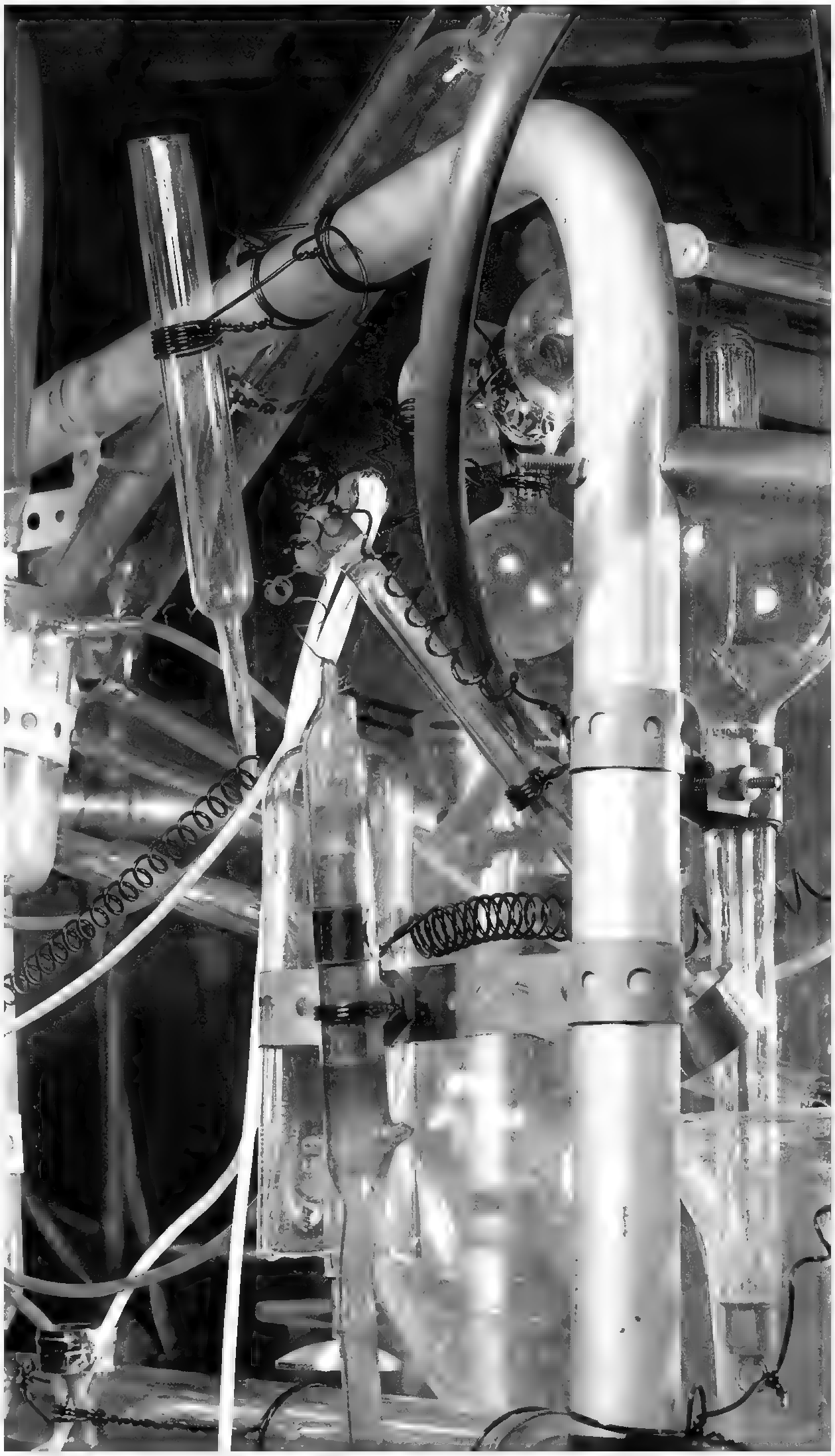


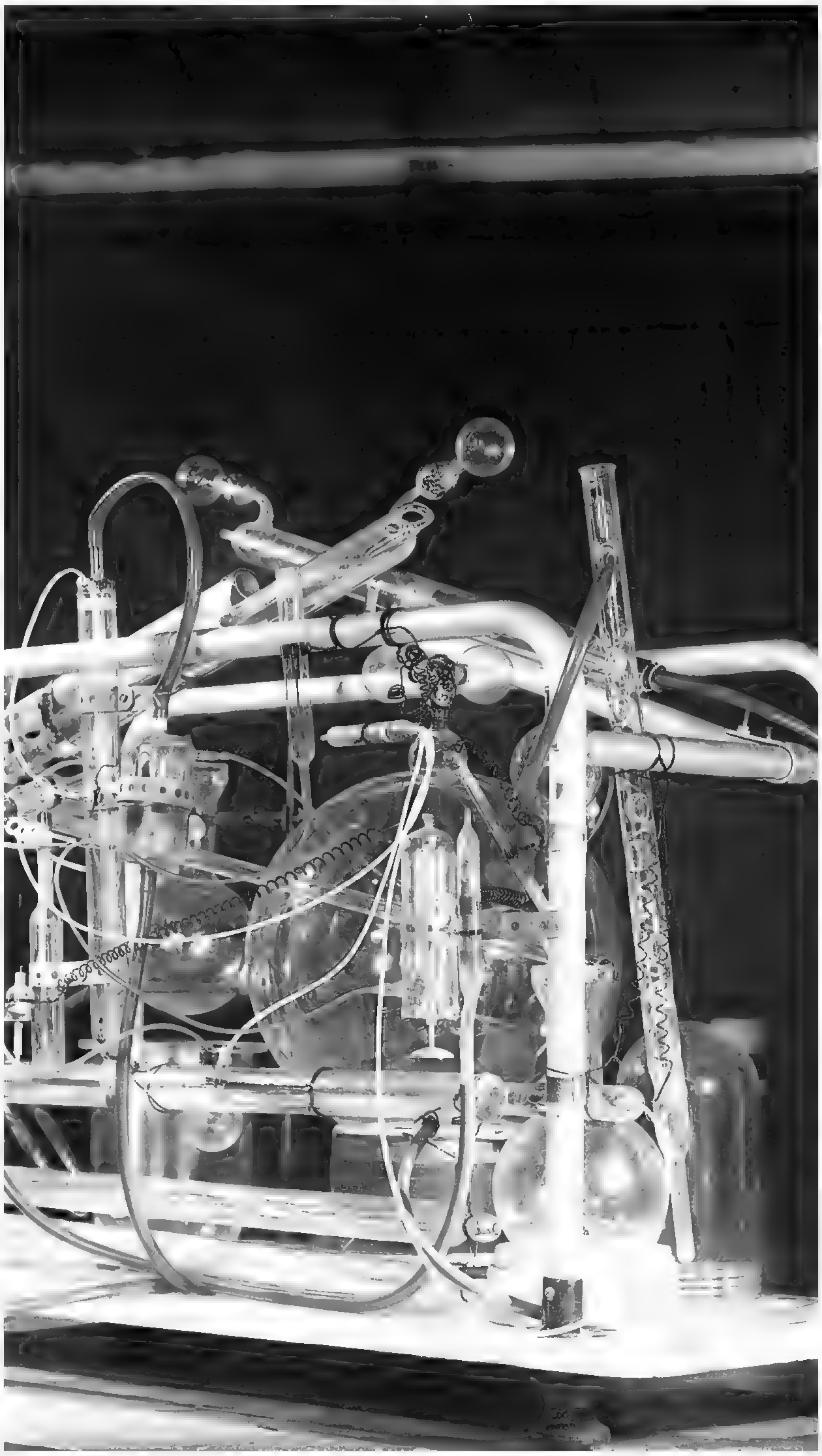






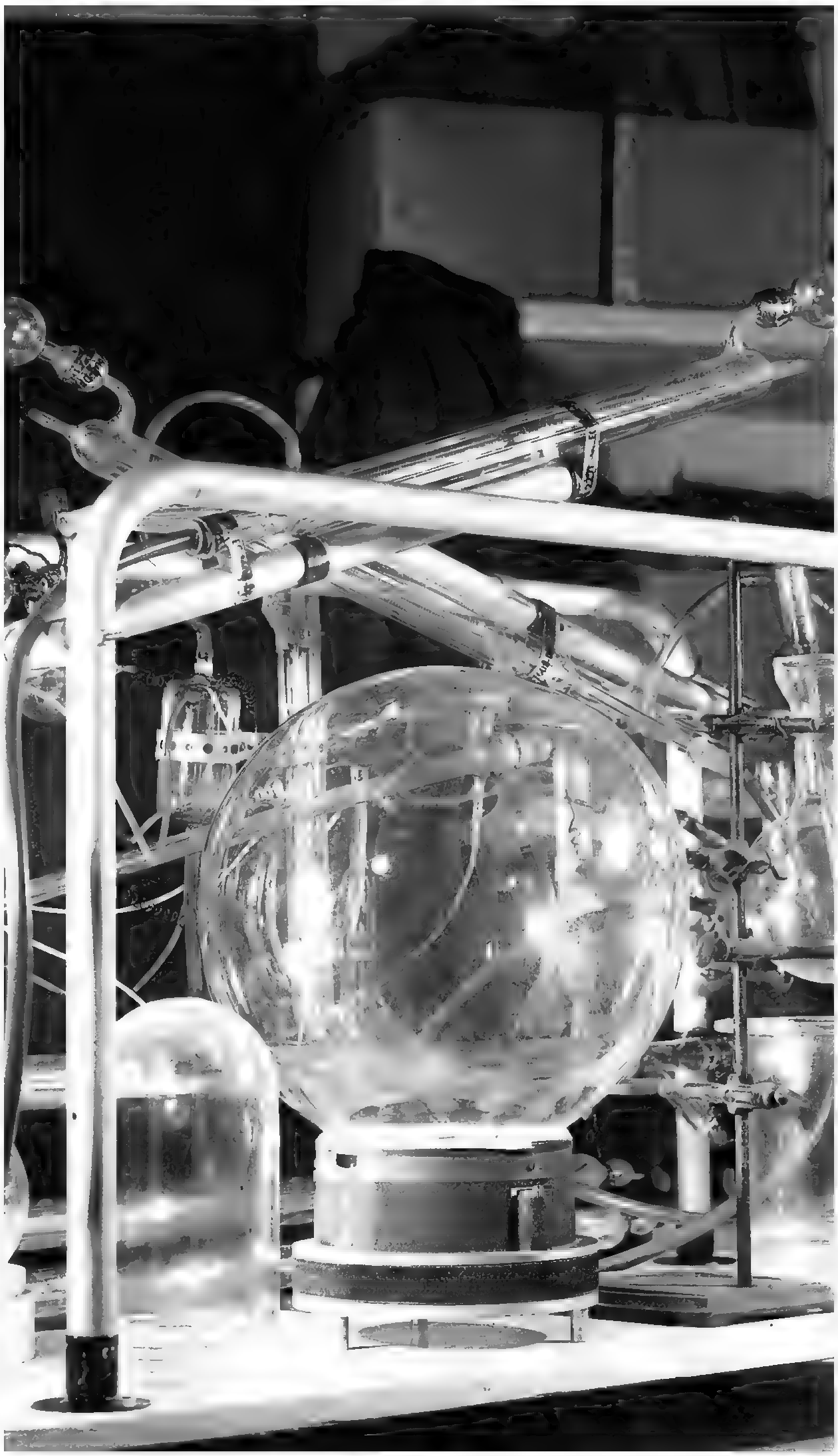


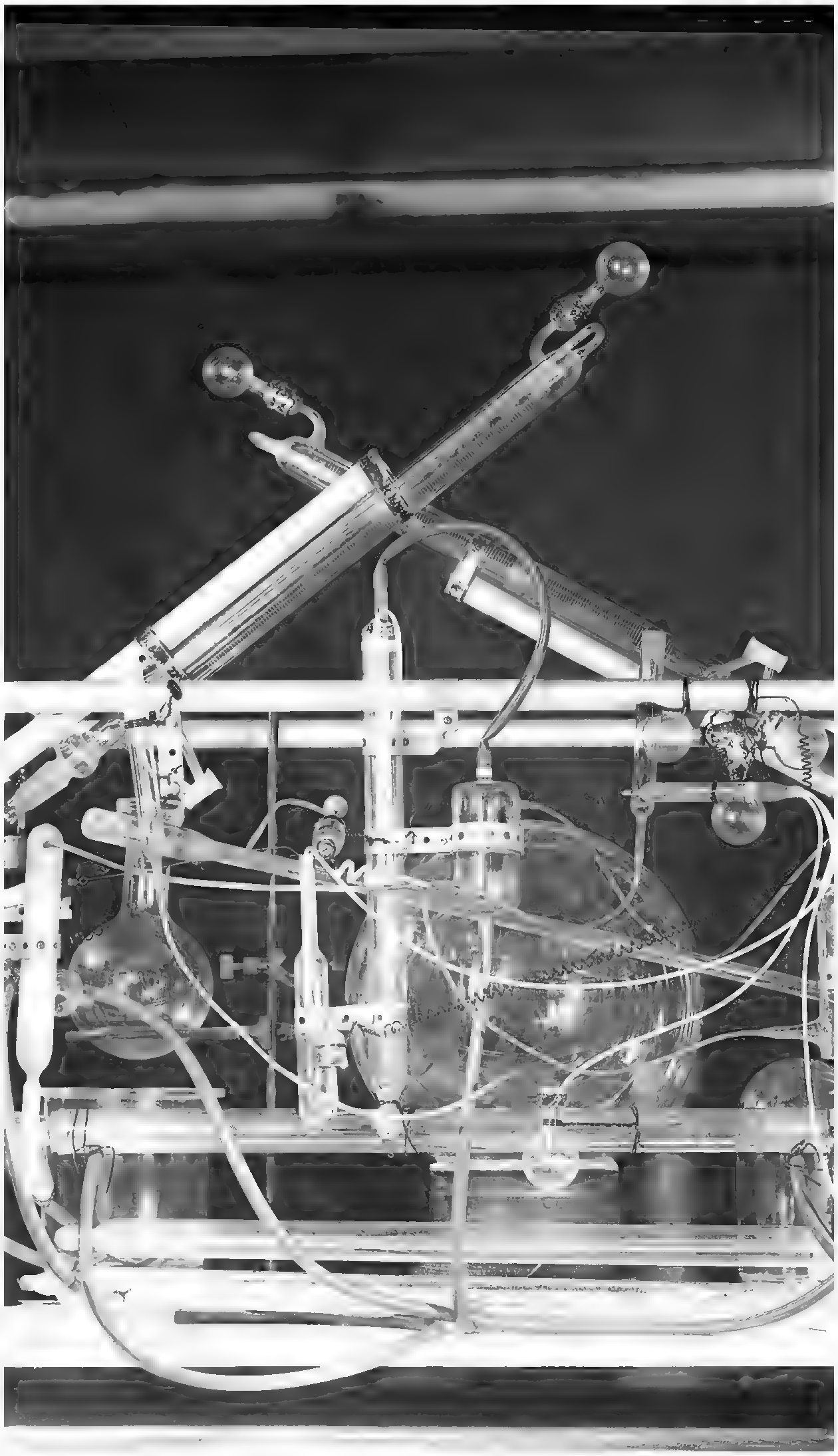


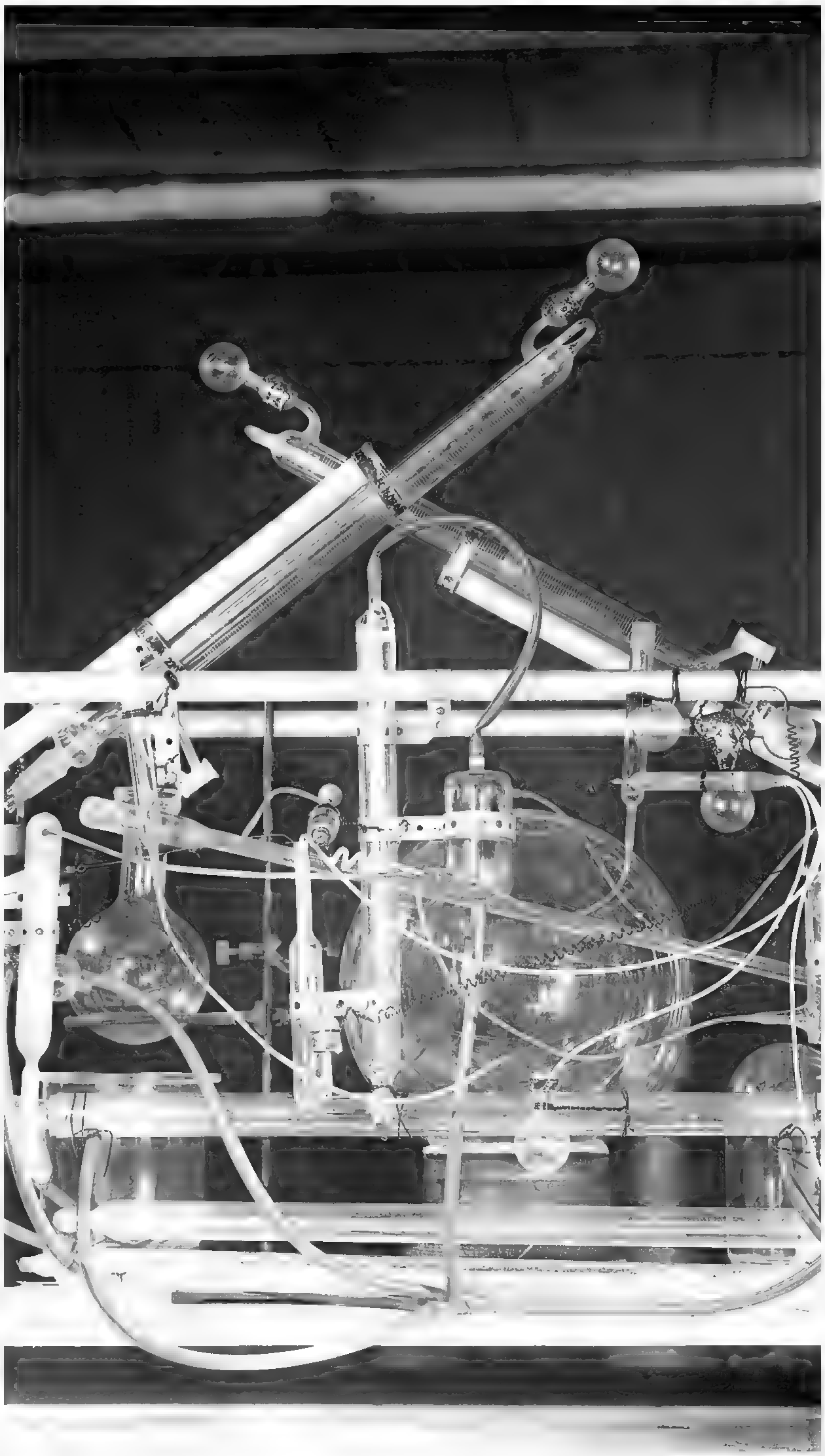


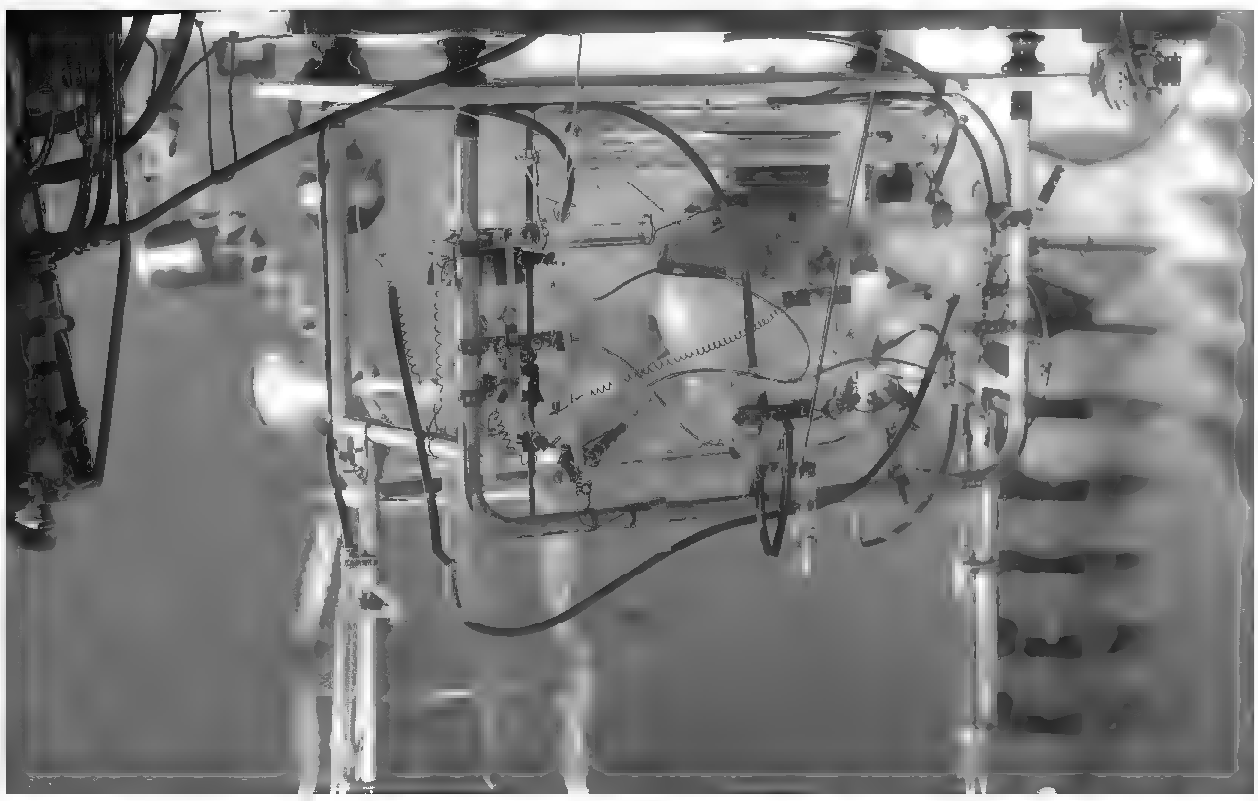


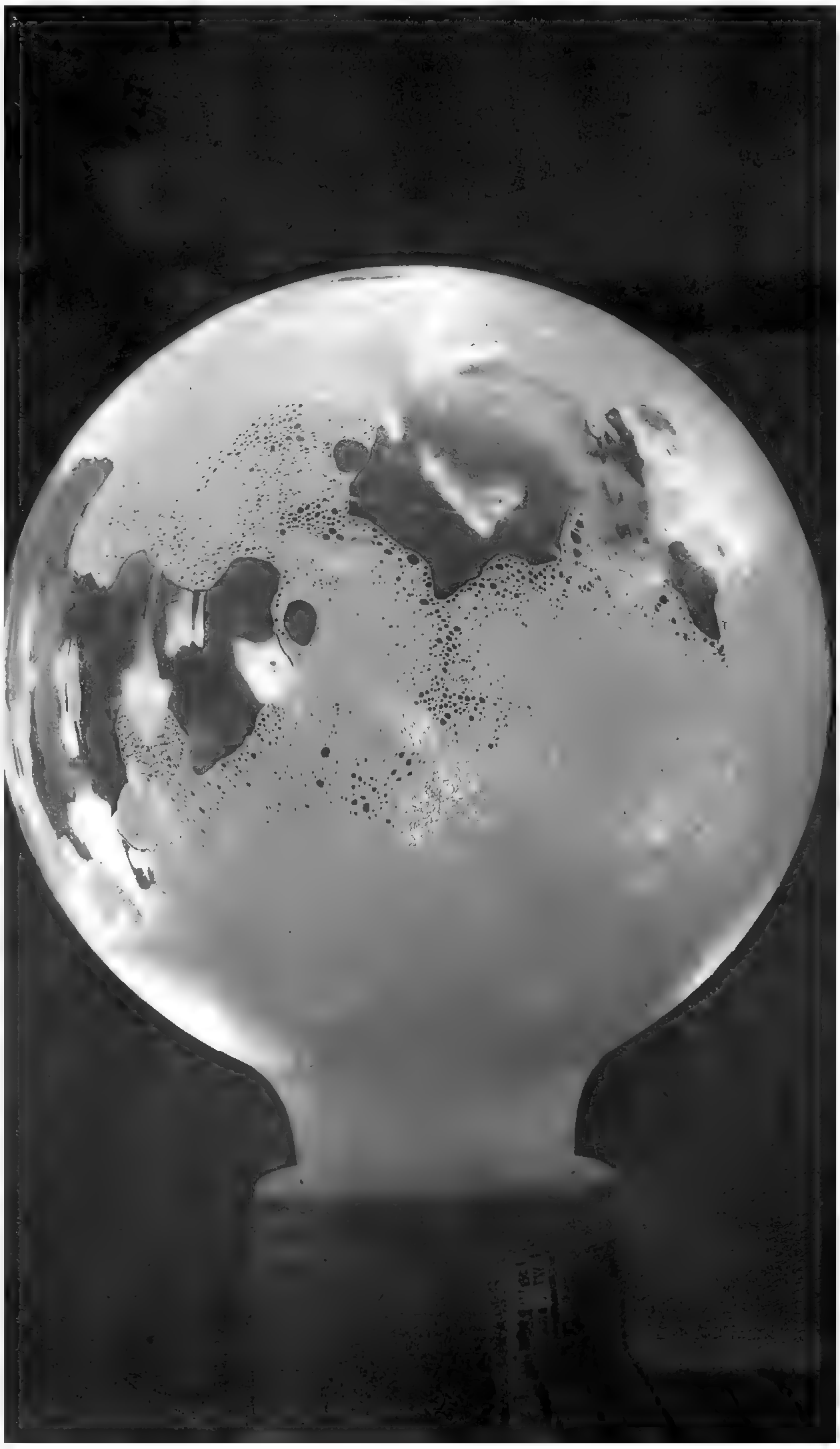






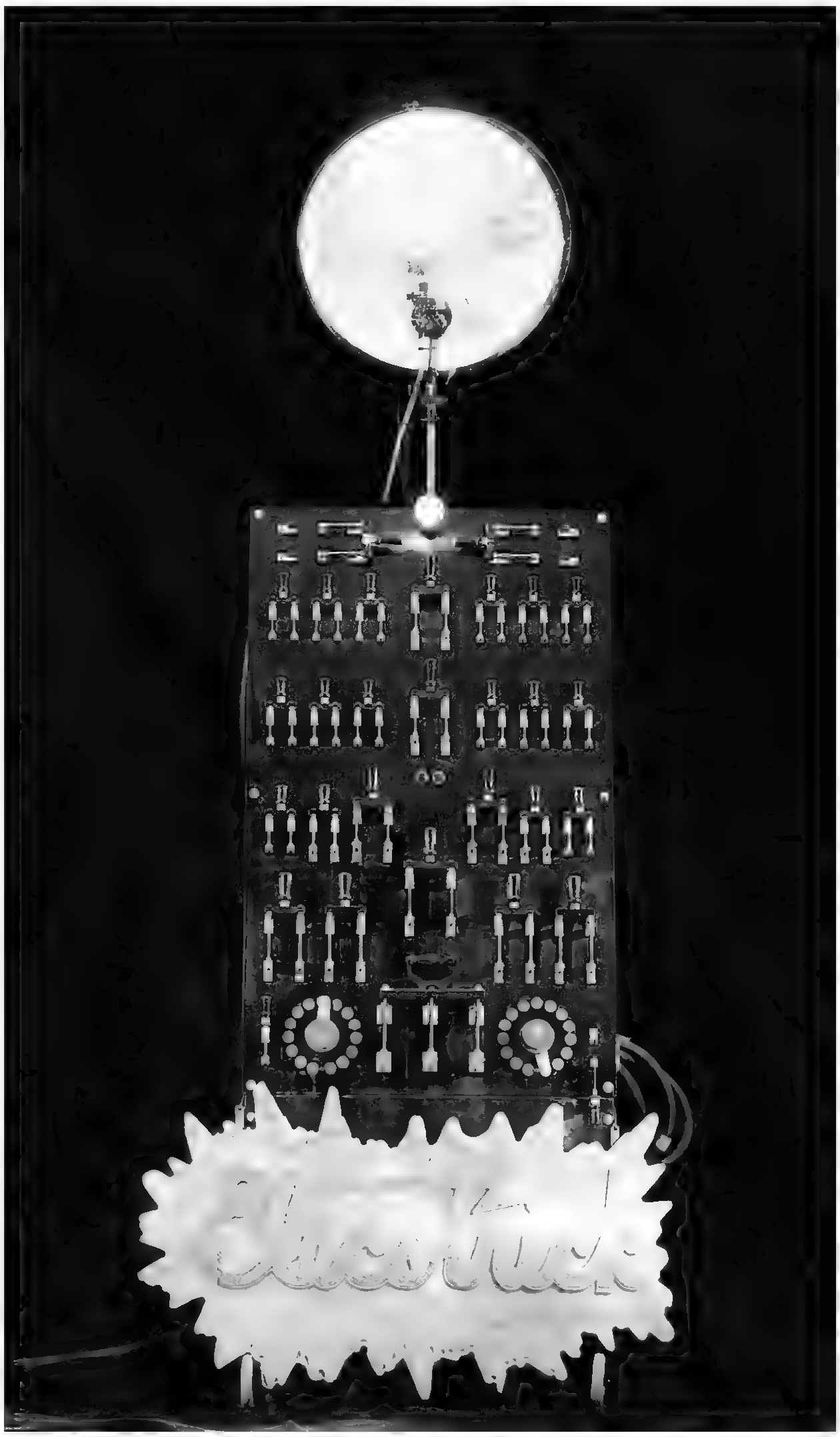


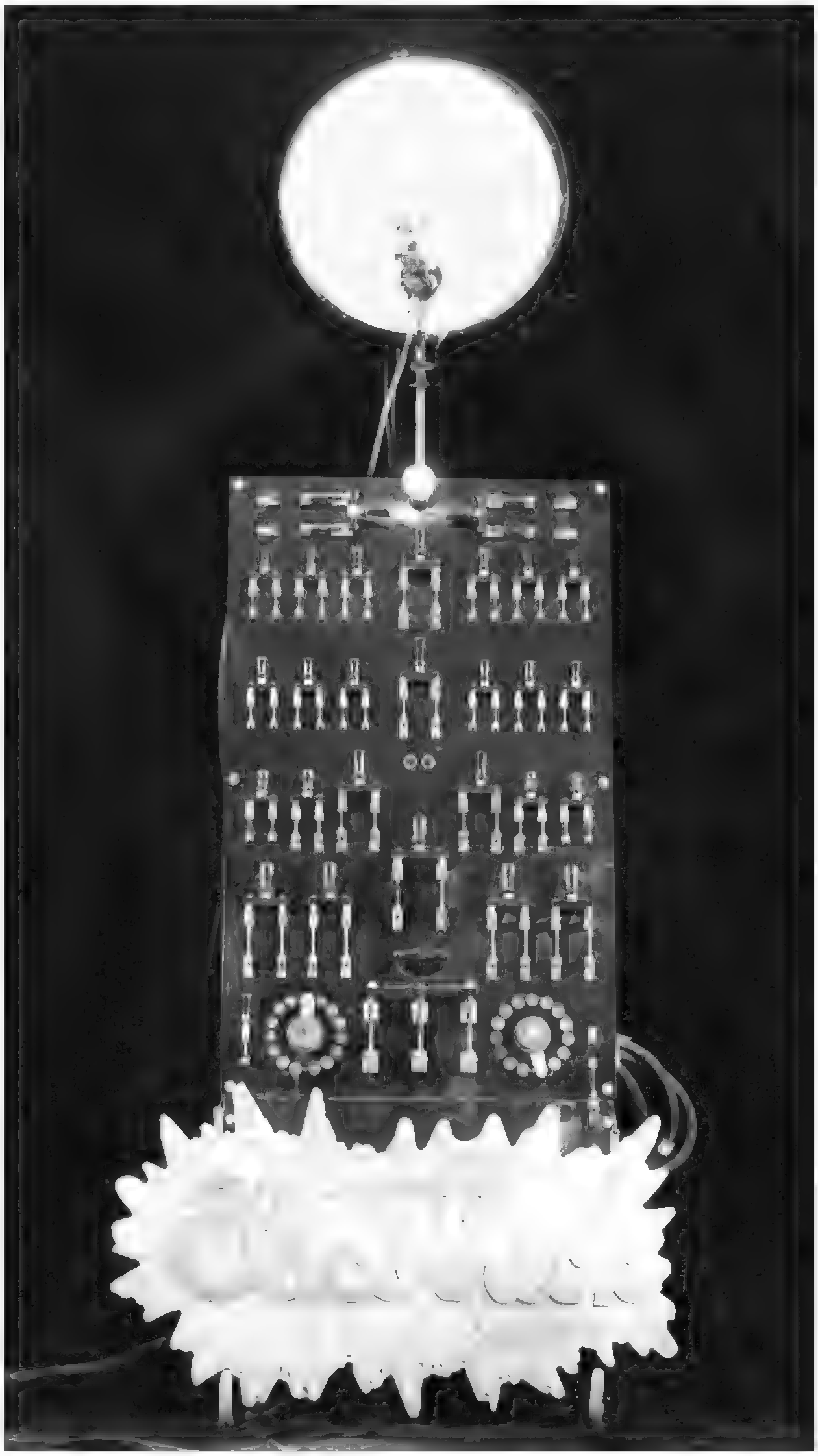


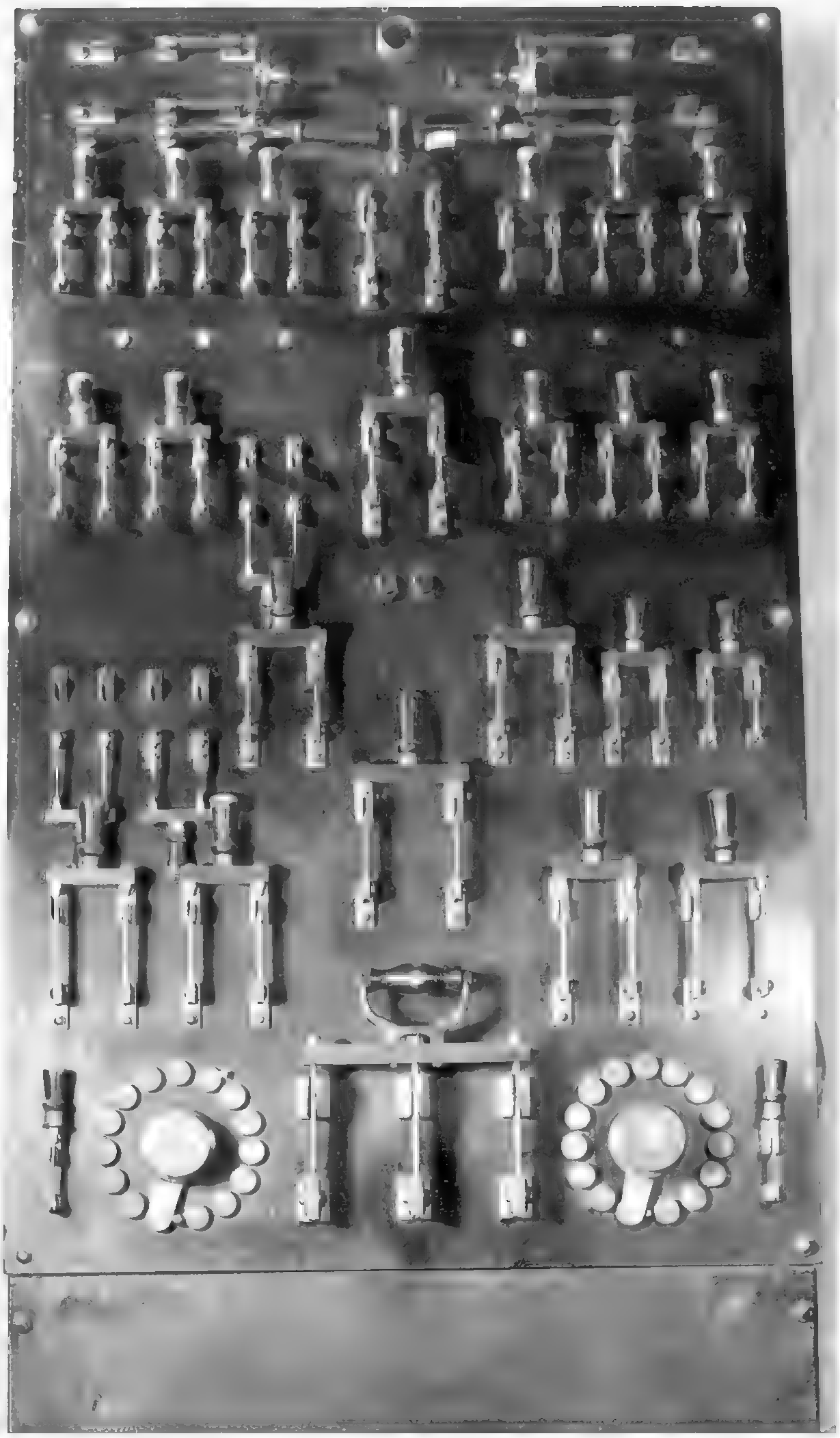




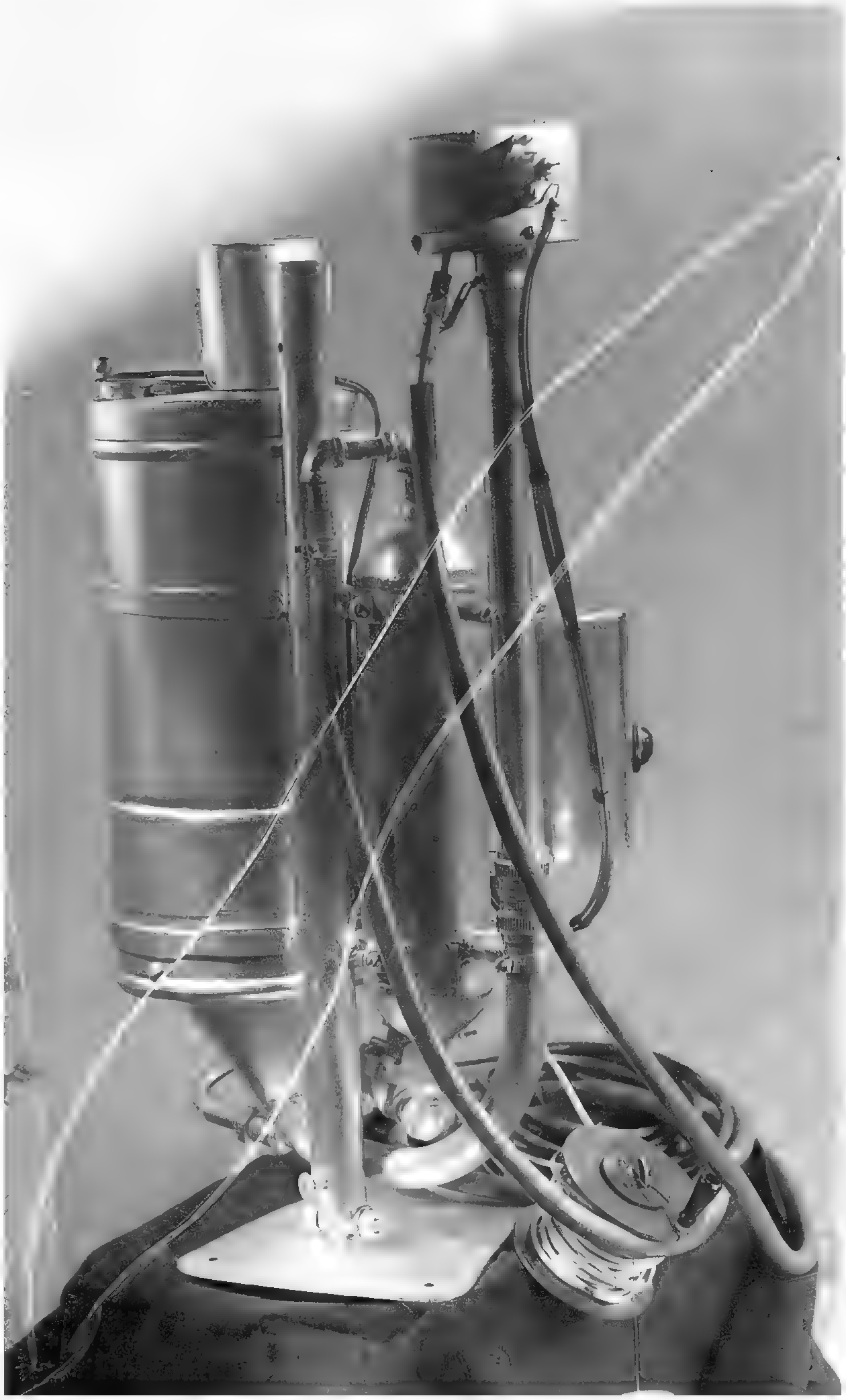









L2
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4
A
X
B1
M
M
M
A
B2
R1
R2
R2













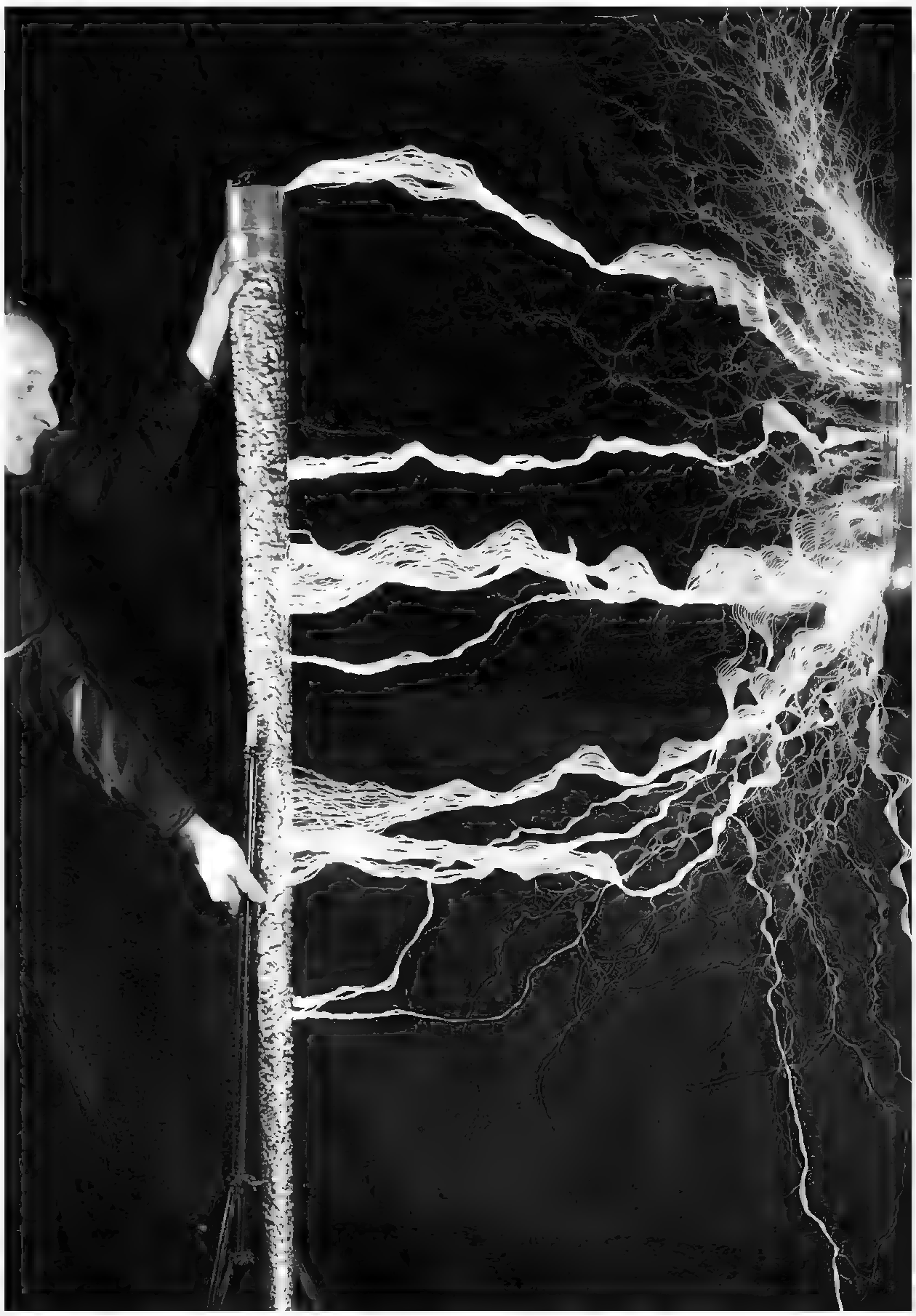


















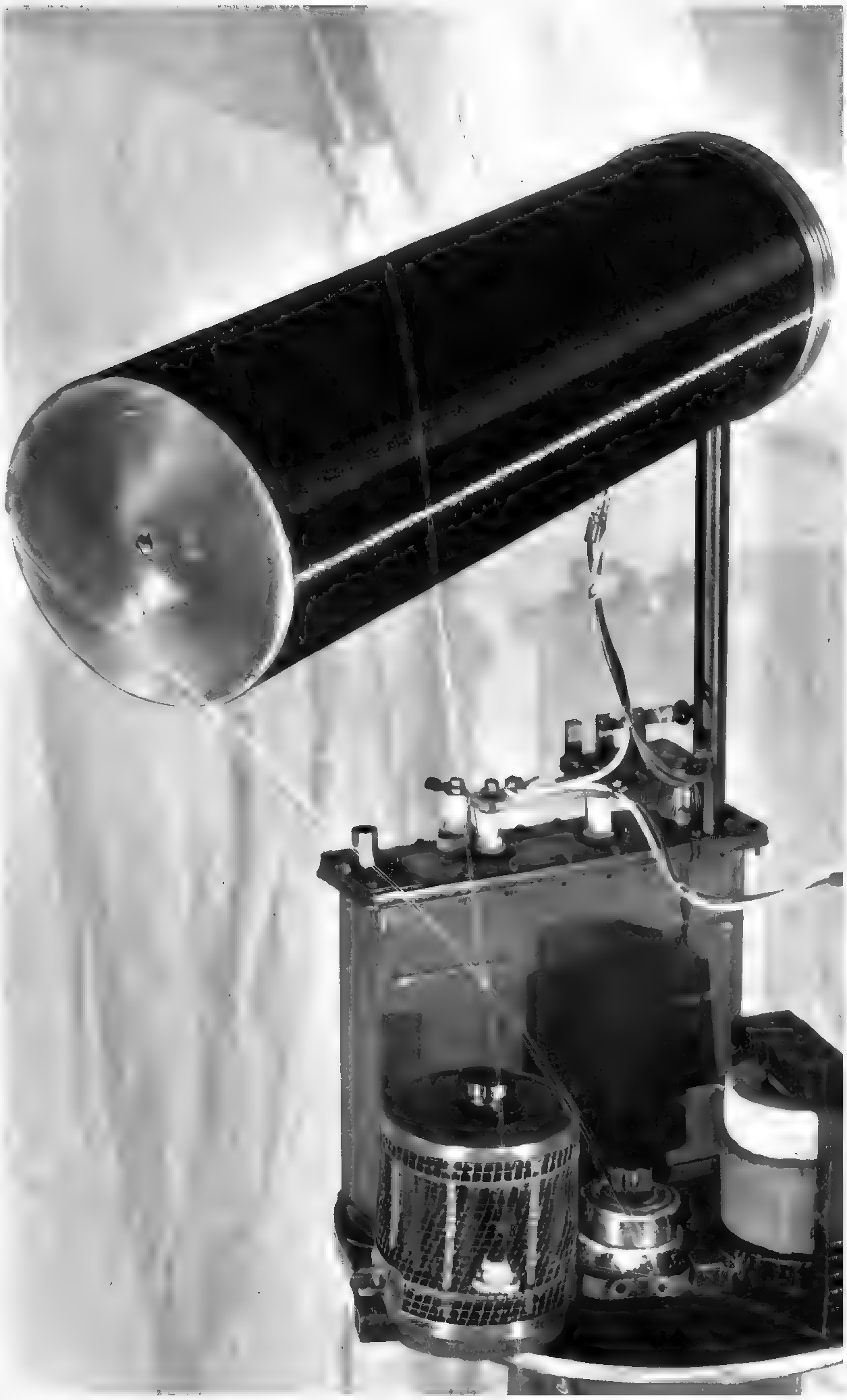




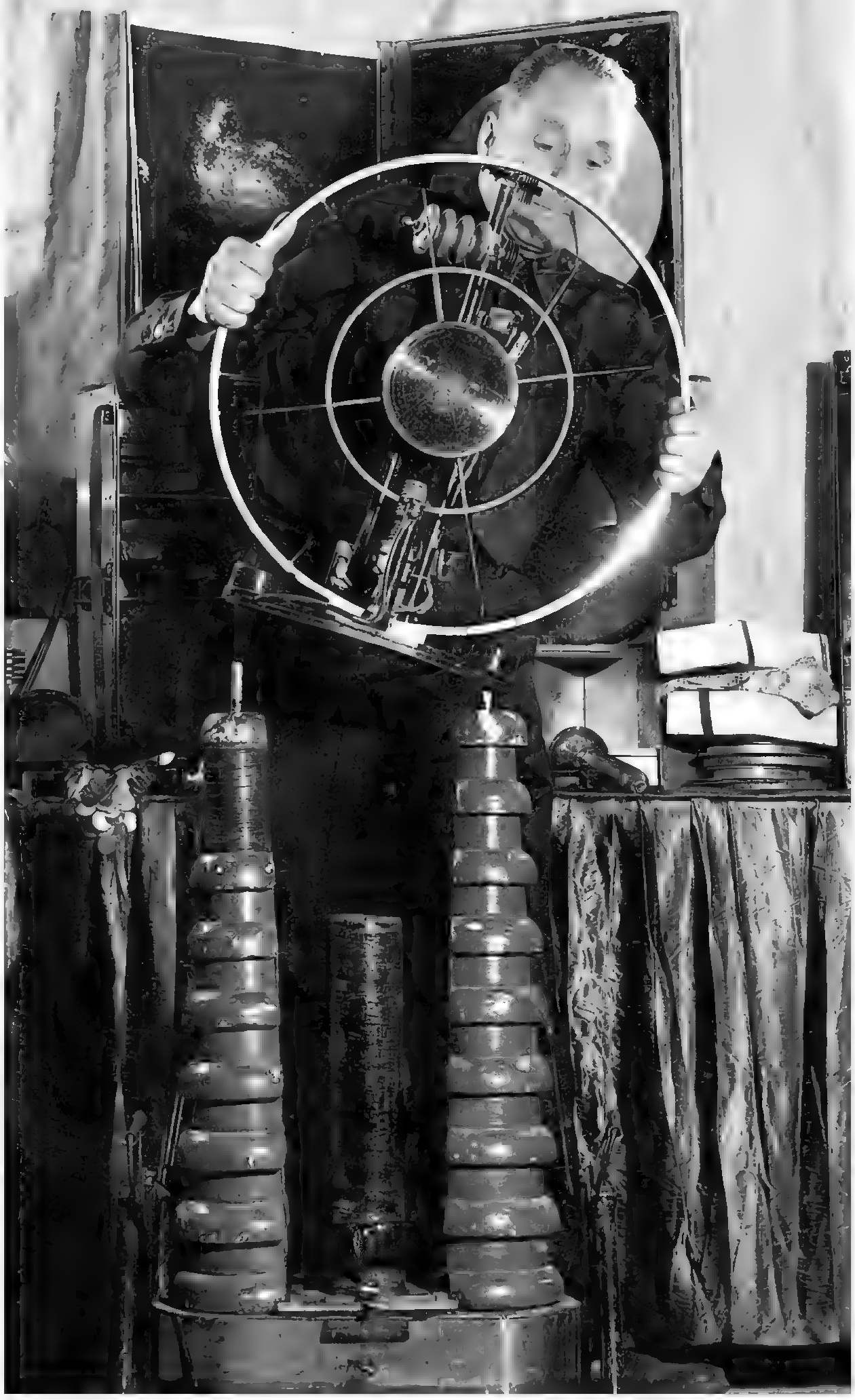


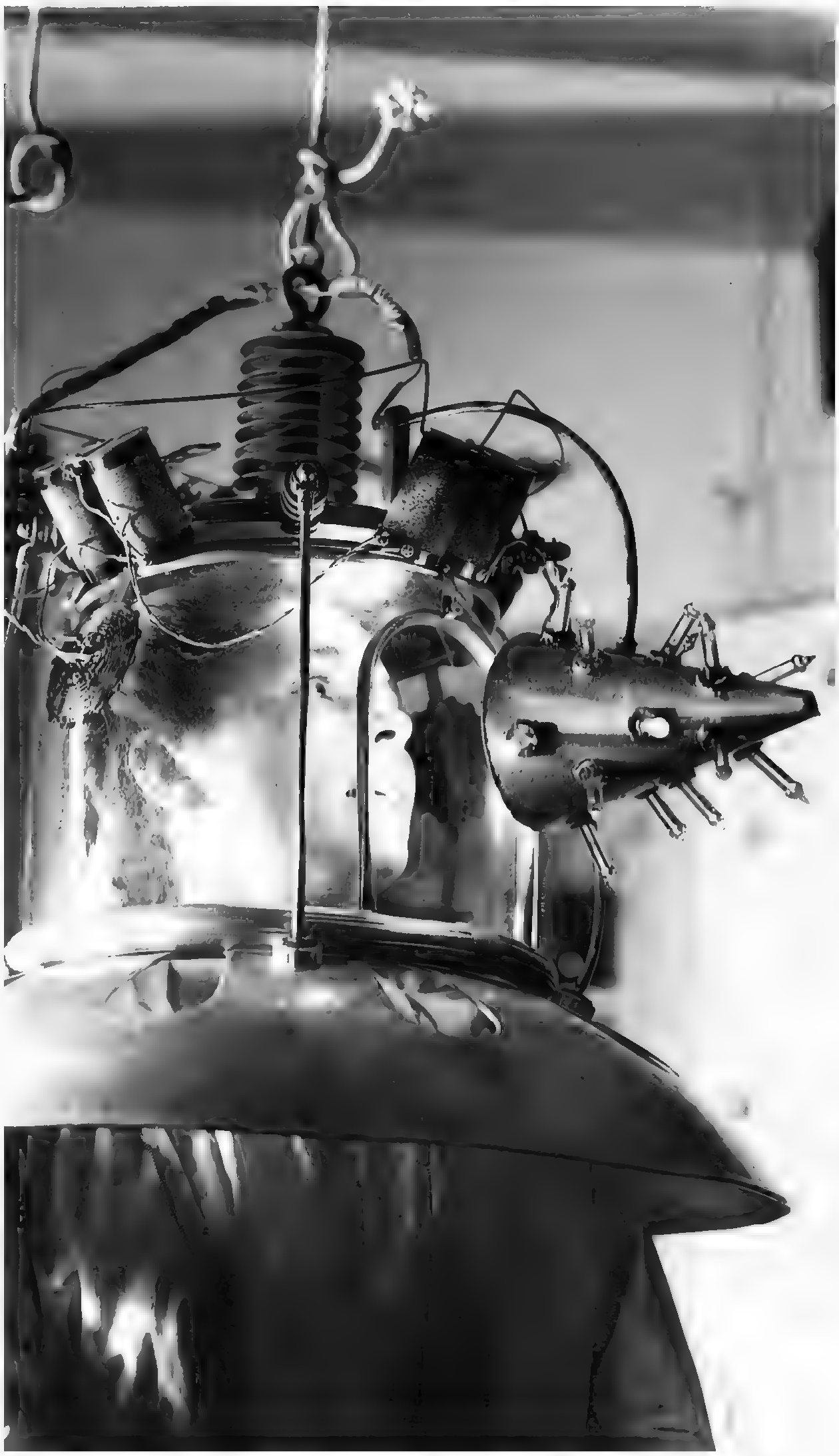


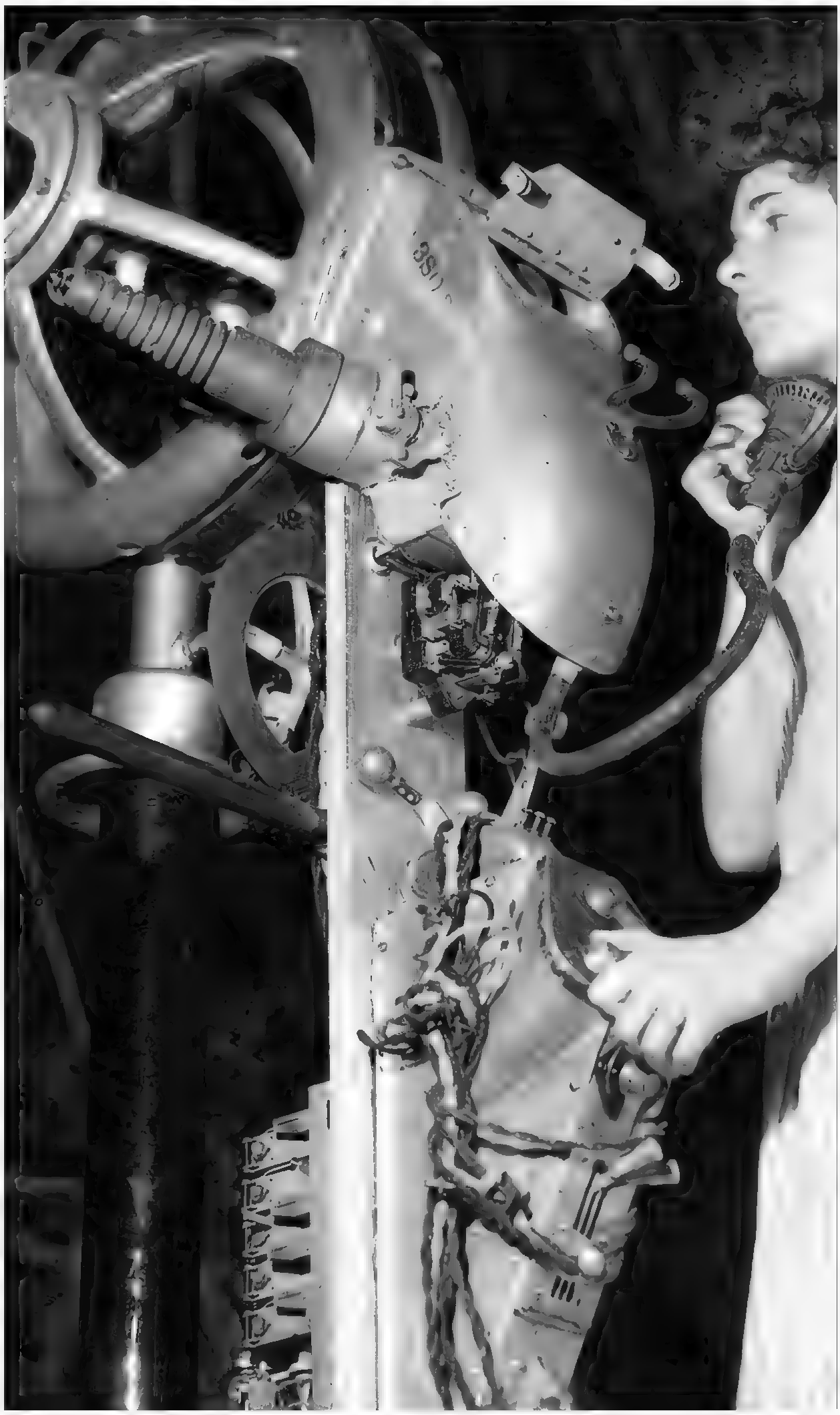


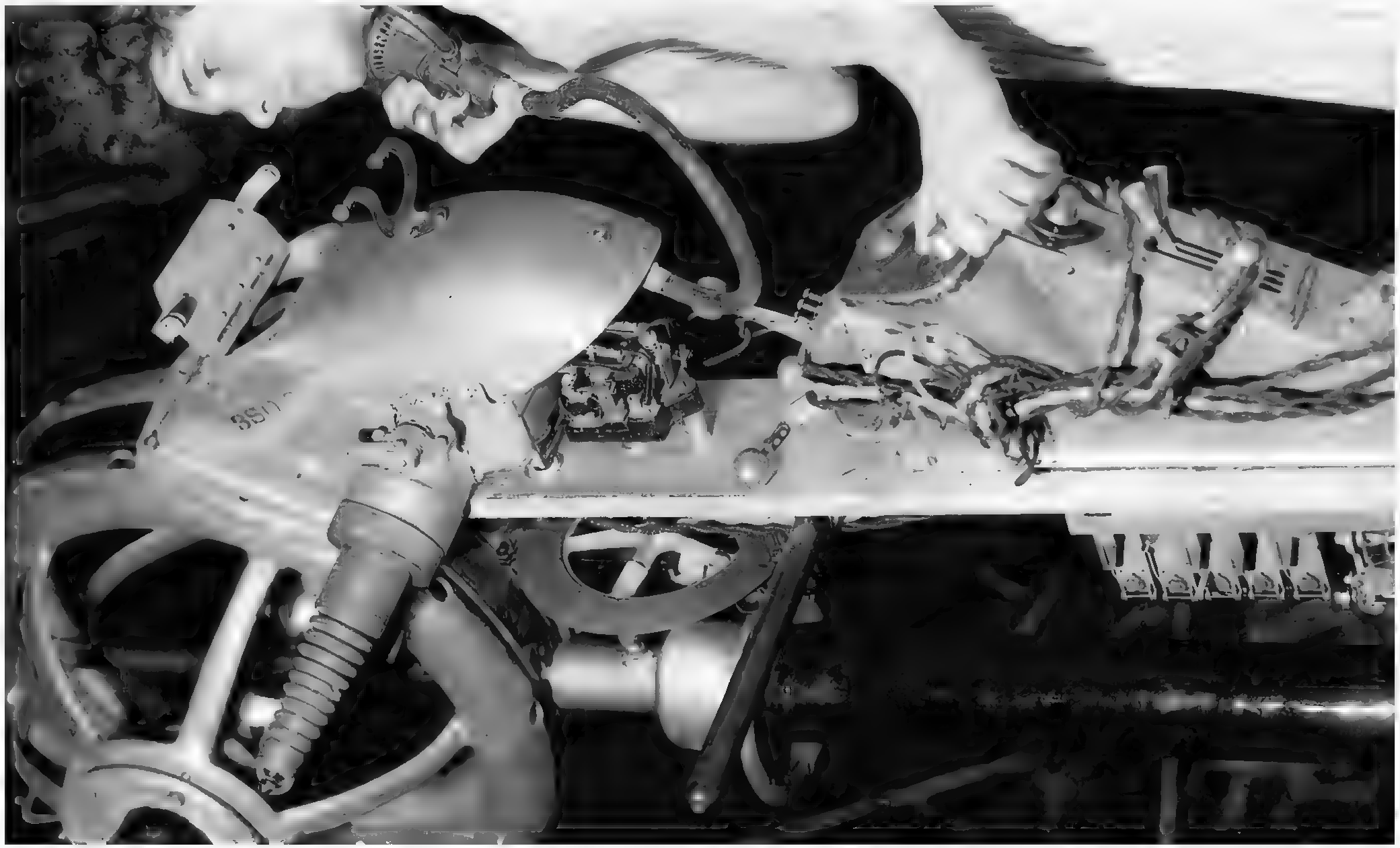


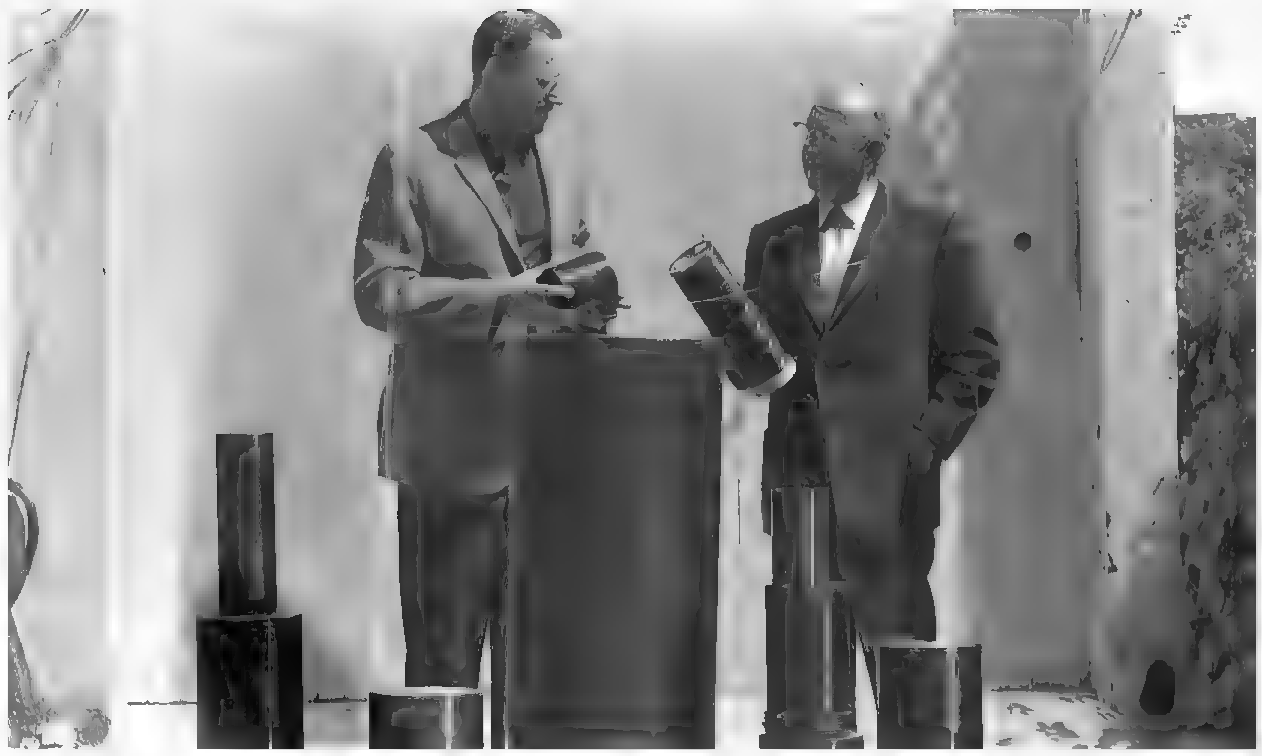


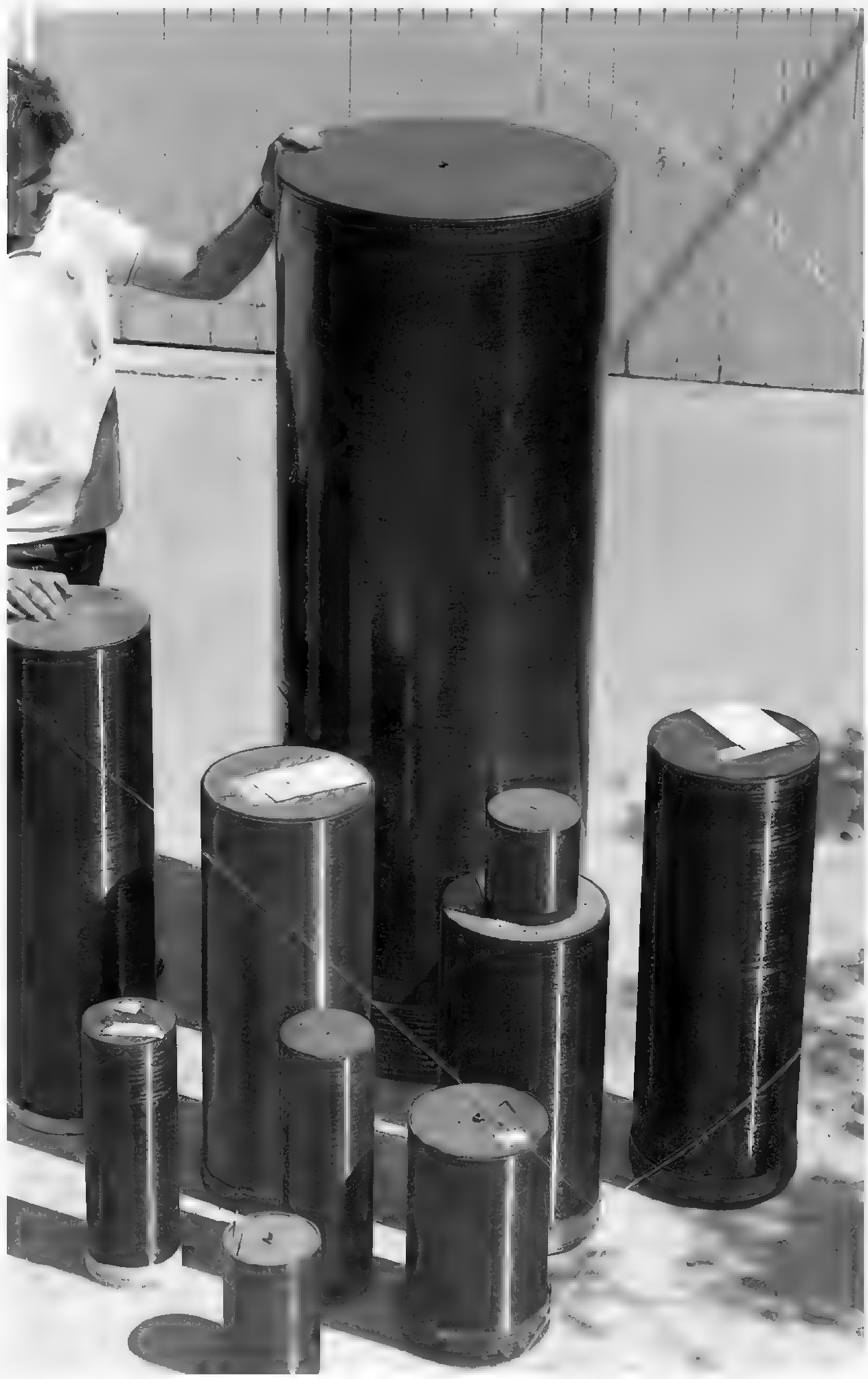




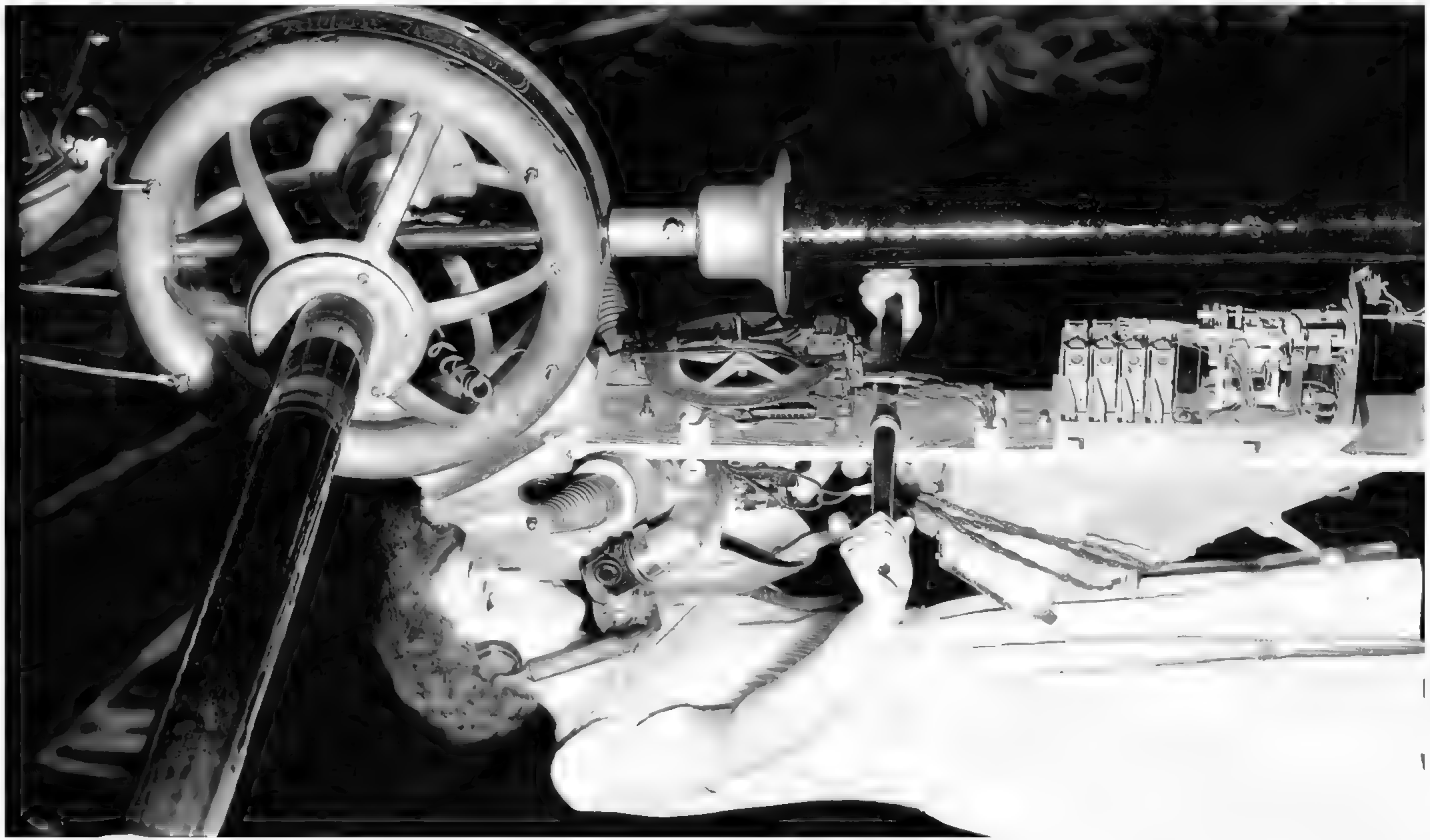
































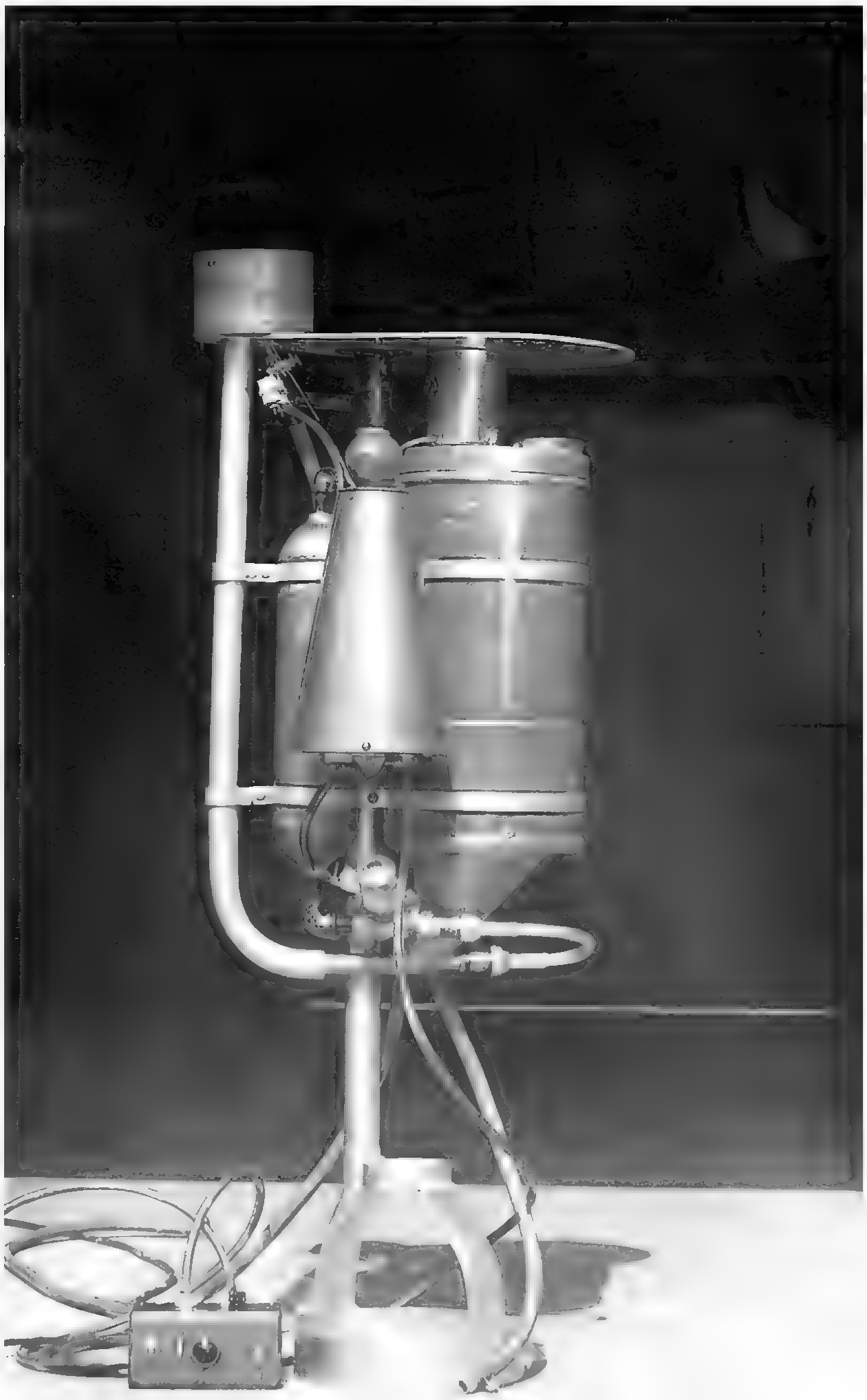








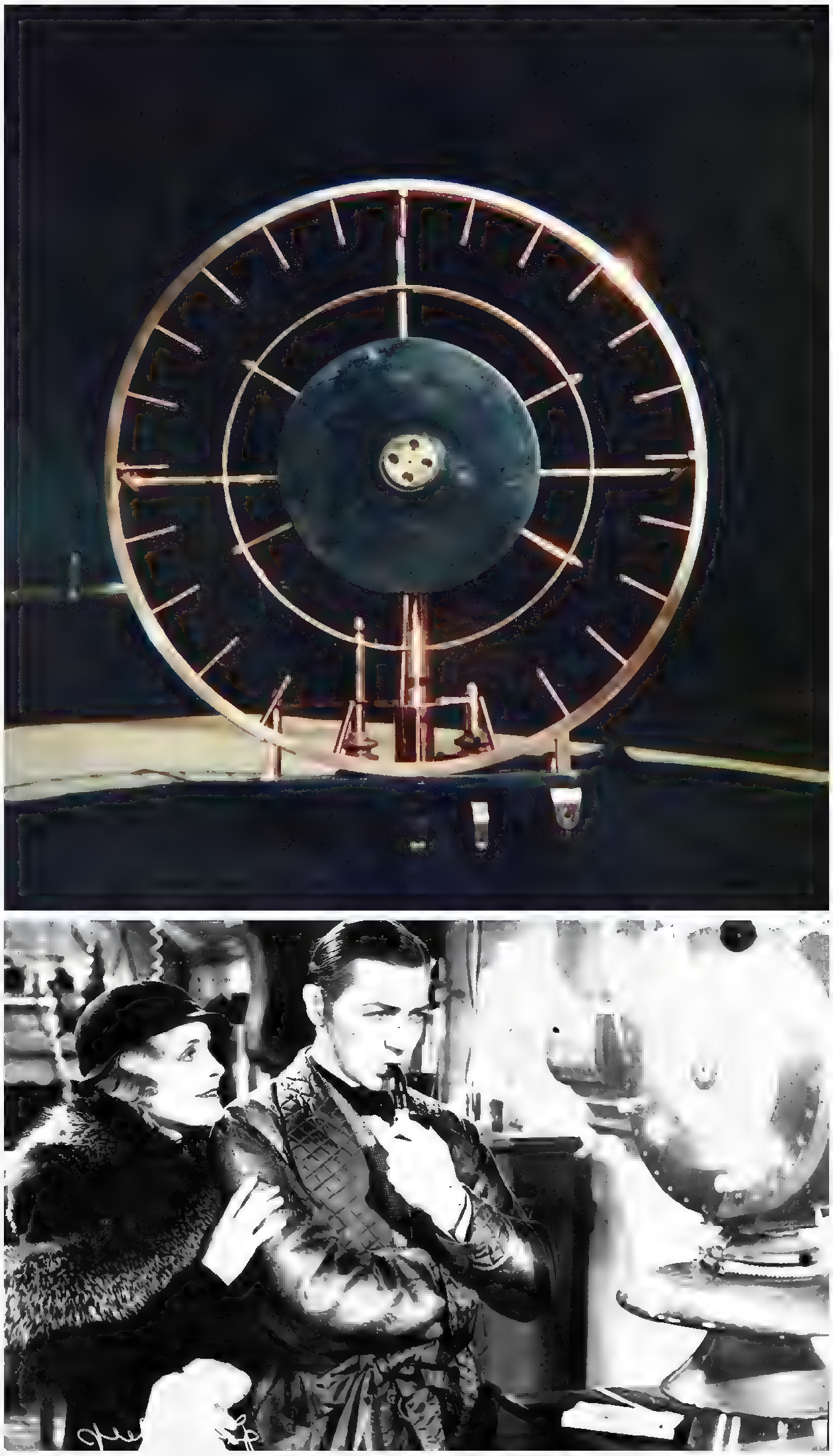





IGNITION
ON
CHARGE
AIR







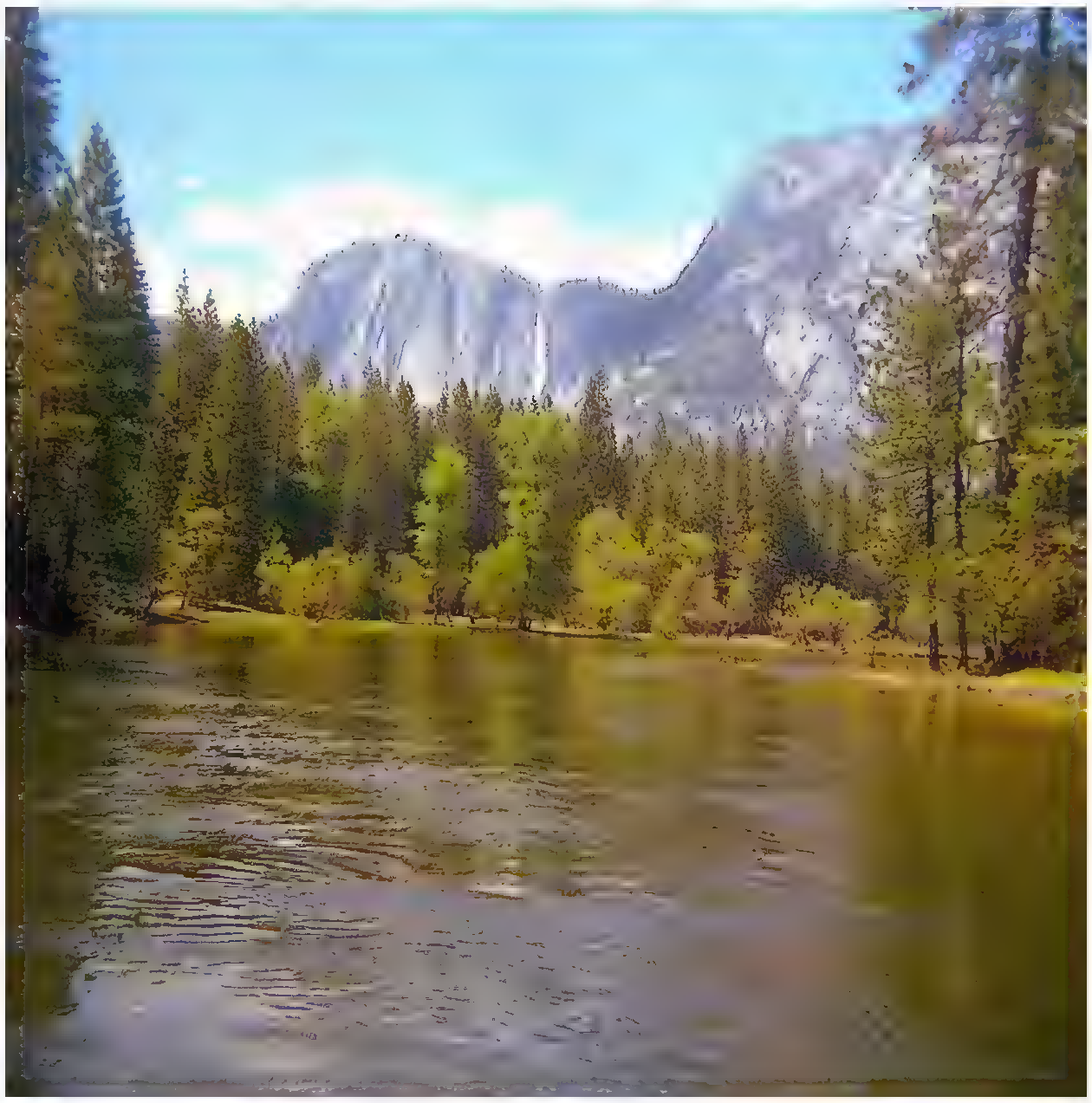












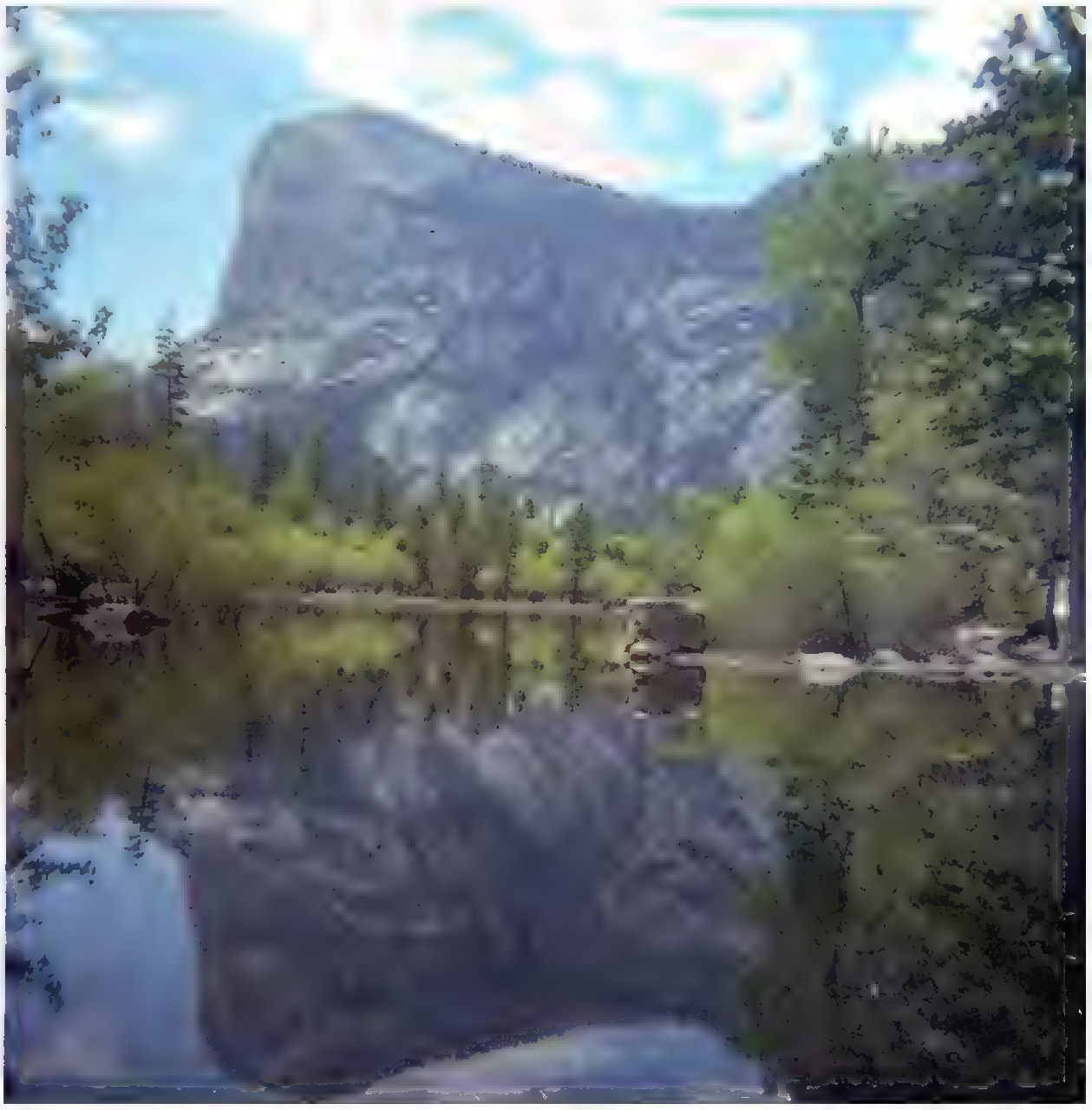
















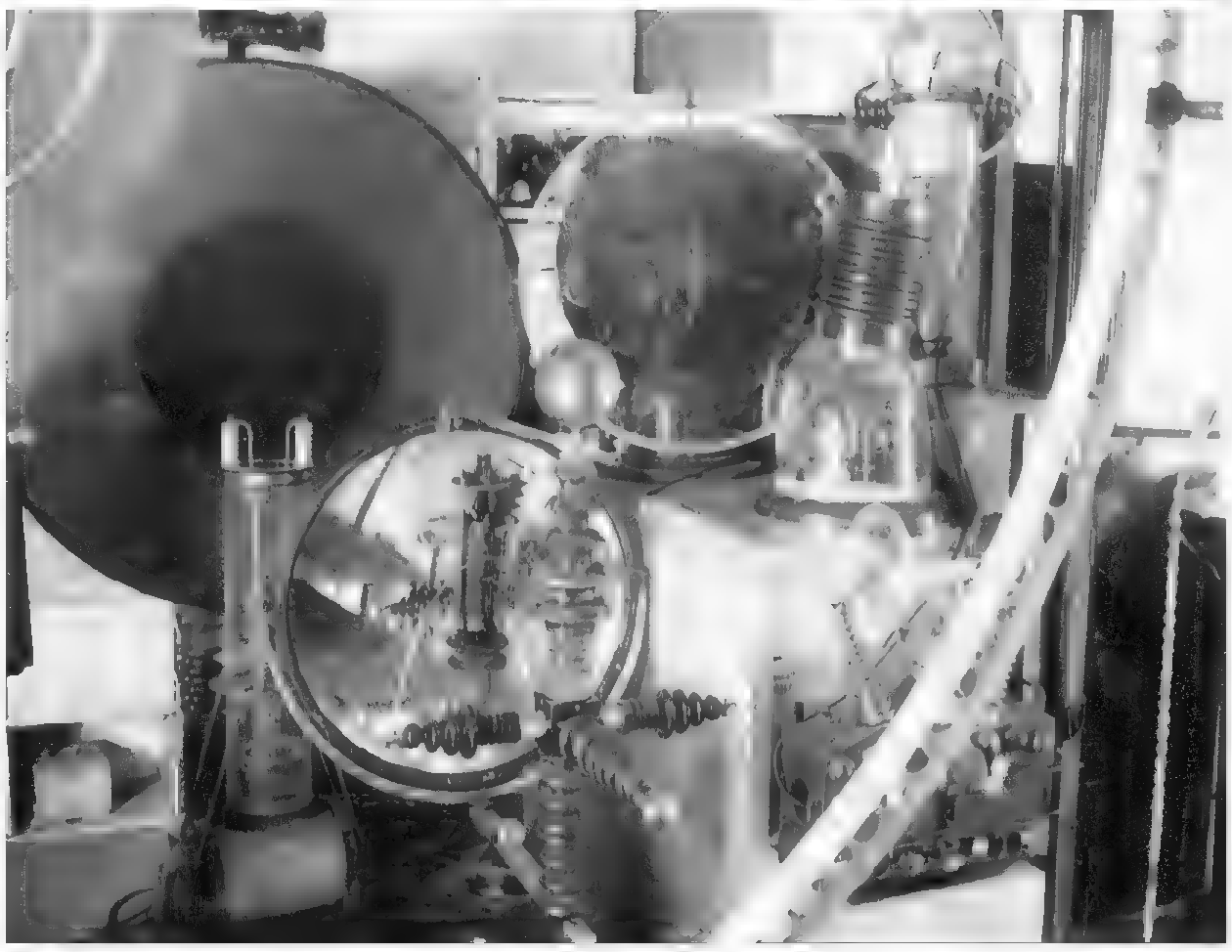









INTERNATIONAL
EXPOSITIONS
PALACE OF ELECTRICITY
ELECTRICAL AGE
CALIFORNIA PACIFIC
GOLDEN GATE
EASTERN STATES
HAWAII
CANADIAN NATIONAL







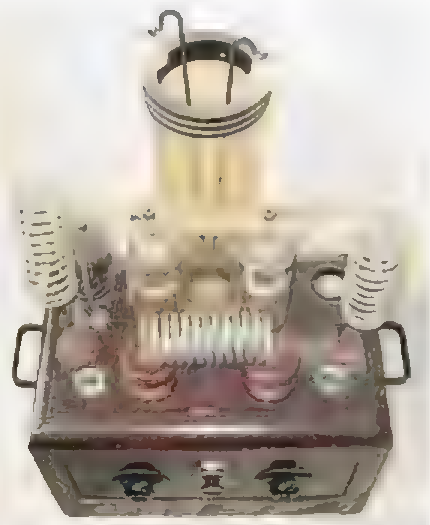


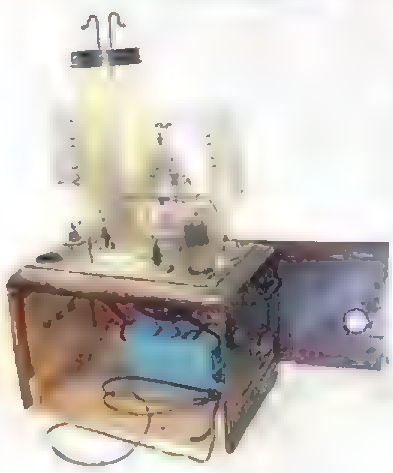




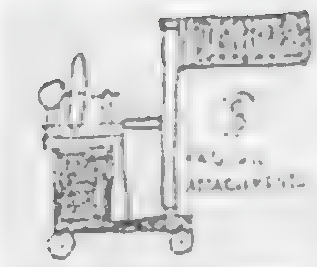

DANGER
HIGH







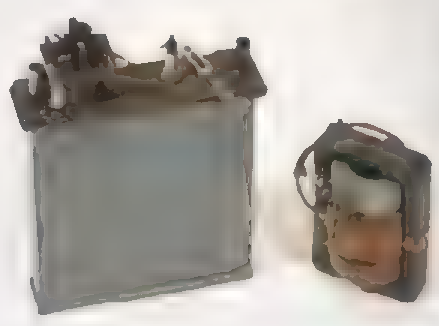




Meg Jr. sketch by Kenneth Strickfaden



























Sue and Fred Throssel-May,1983-Torrance,California
At Marilyn Throssel's Home
Marilyn is one of Kenny's two children



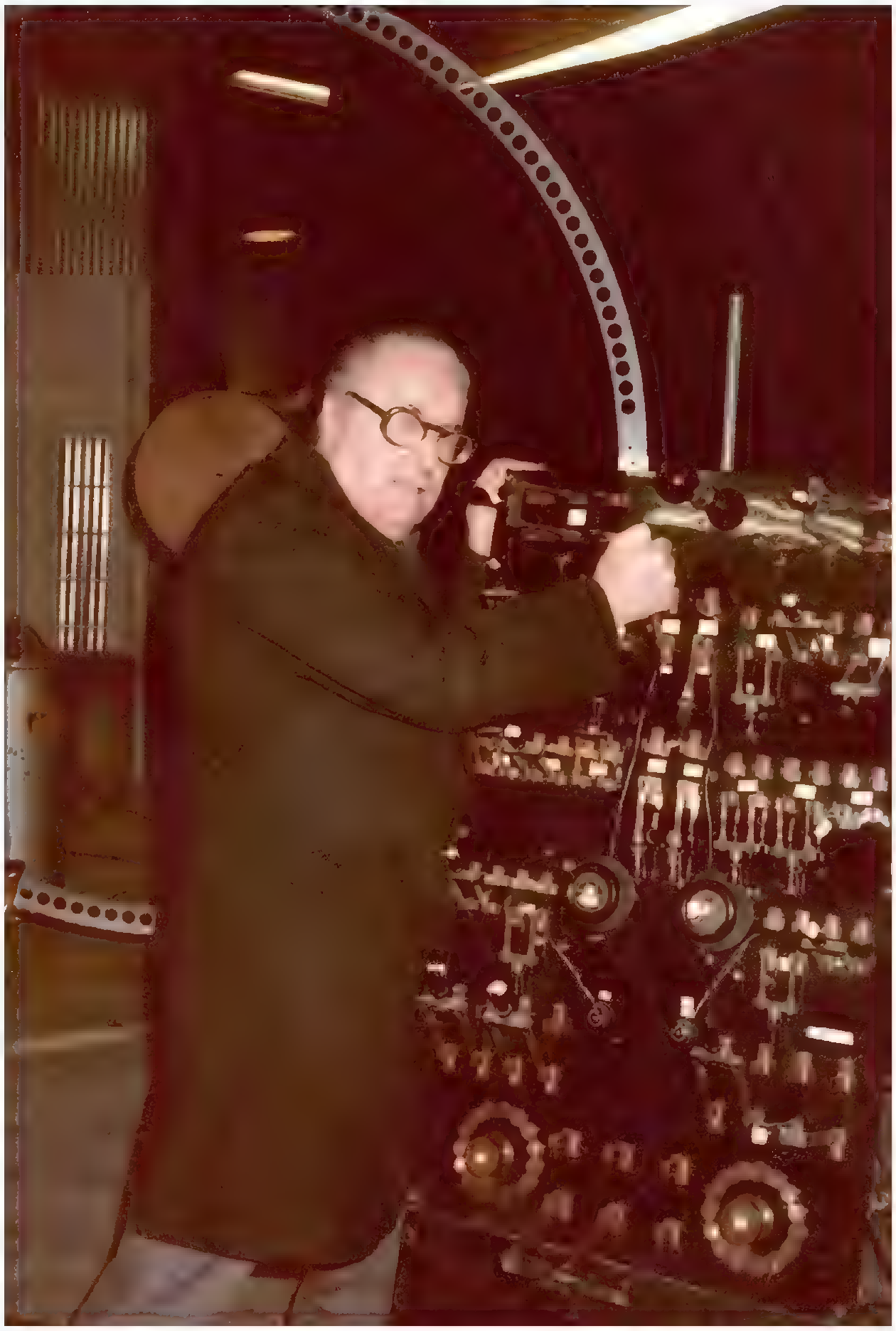

KENSTRIC
SPACE AGE
SCIENCE SHOW



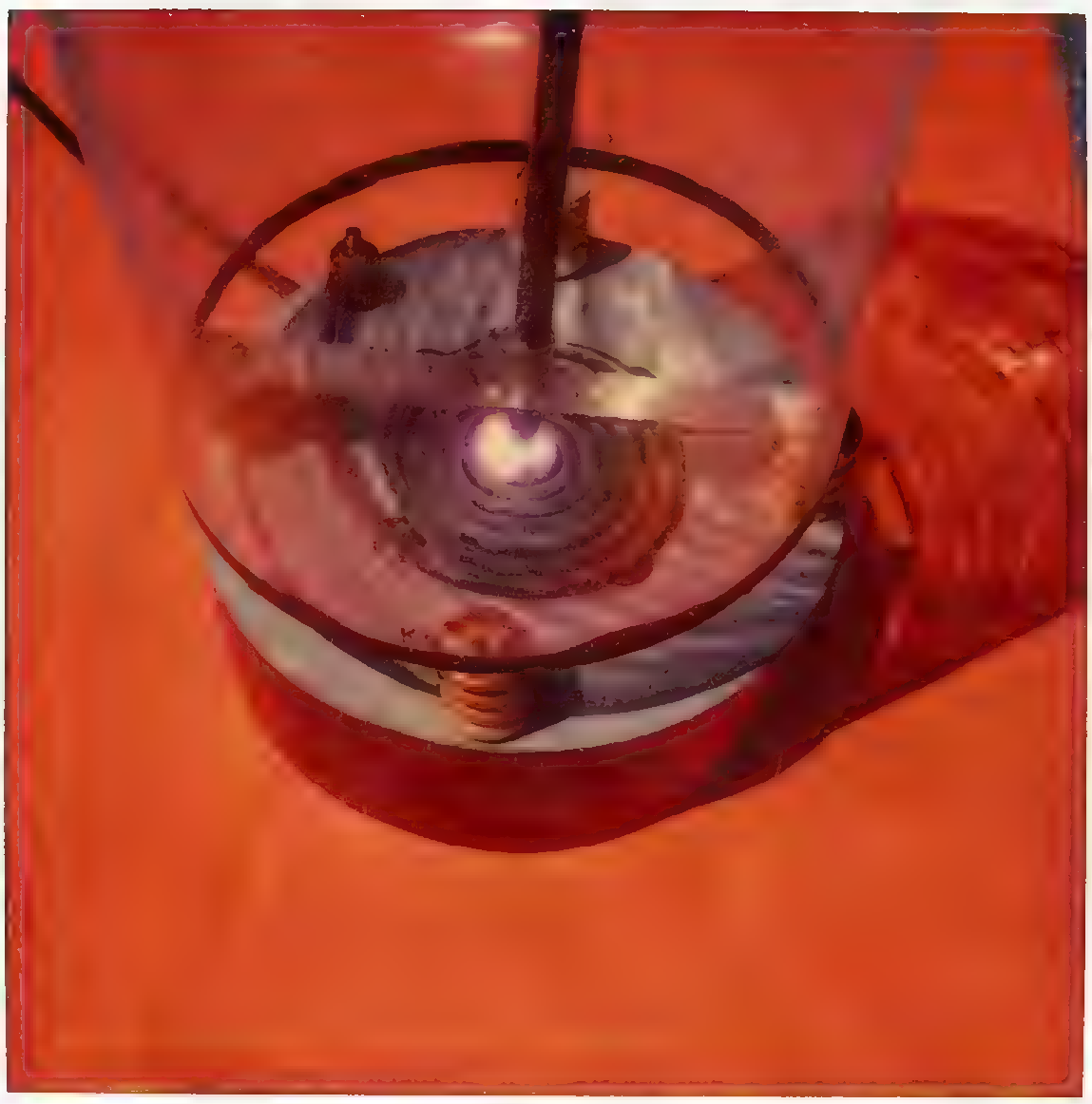




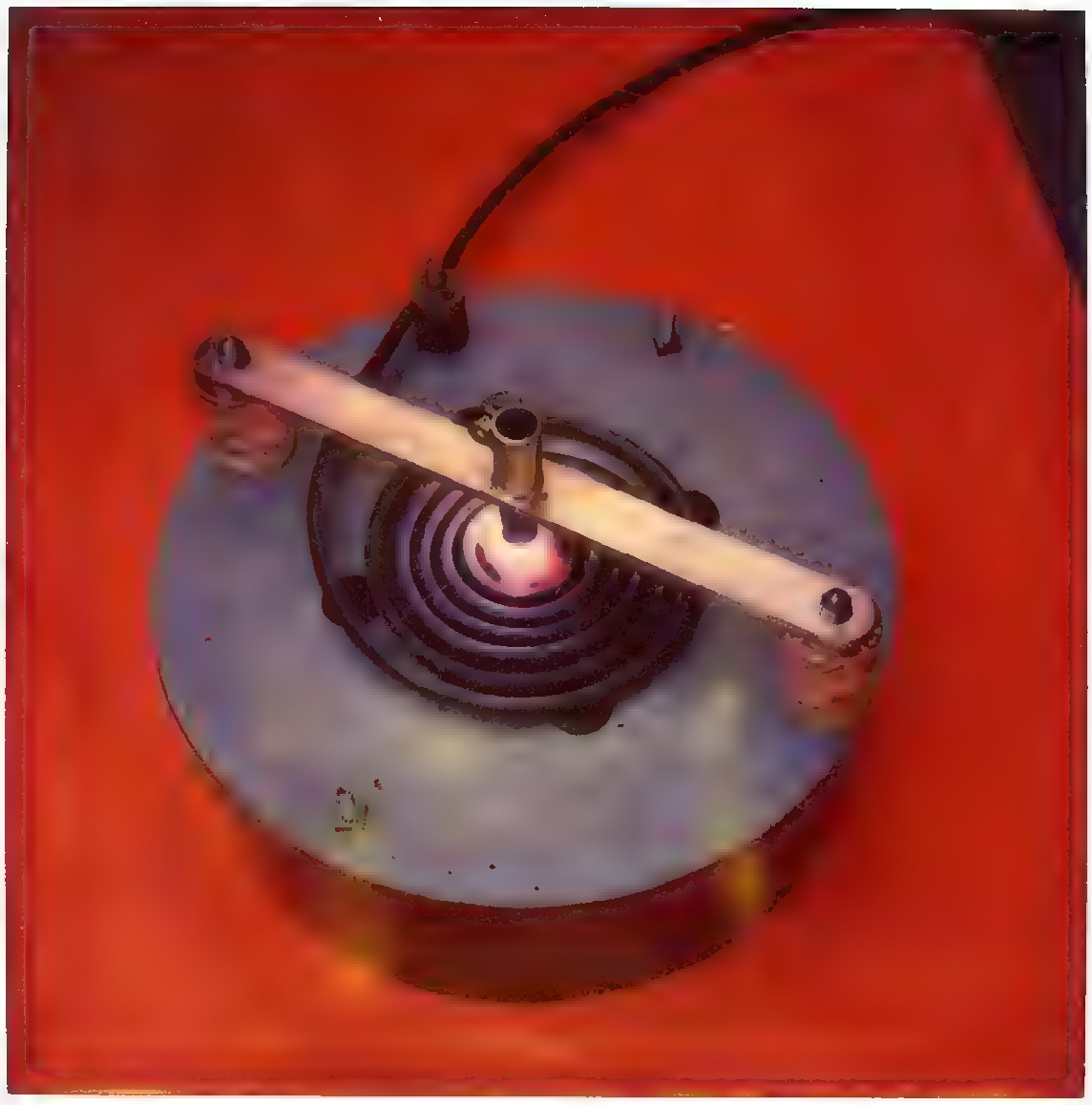

LATE
NO PARKING
LOADING ZONE
STOP





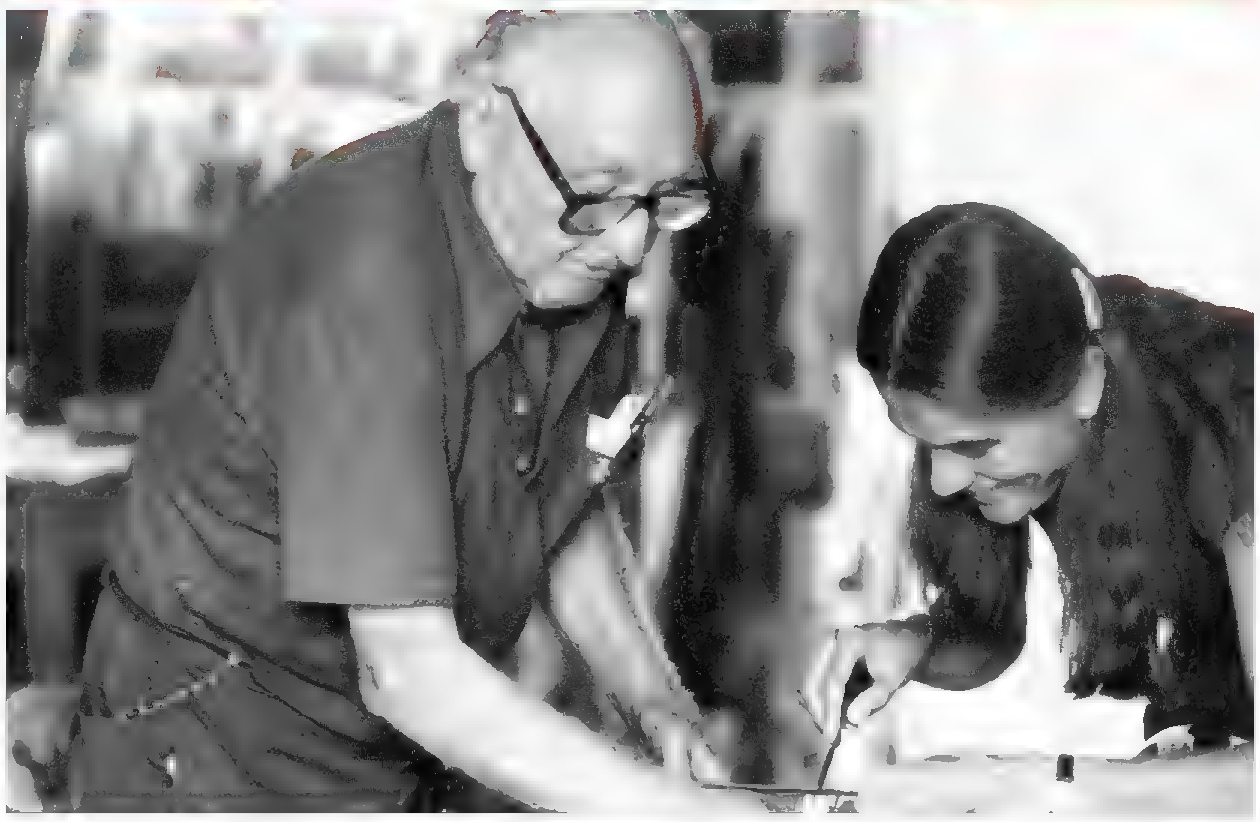


S.B.

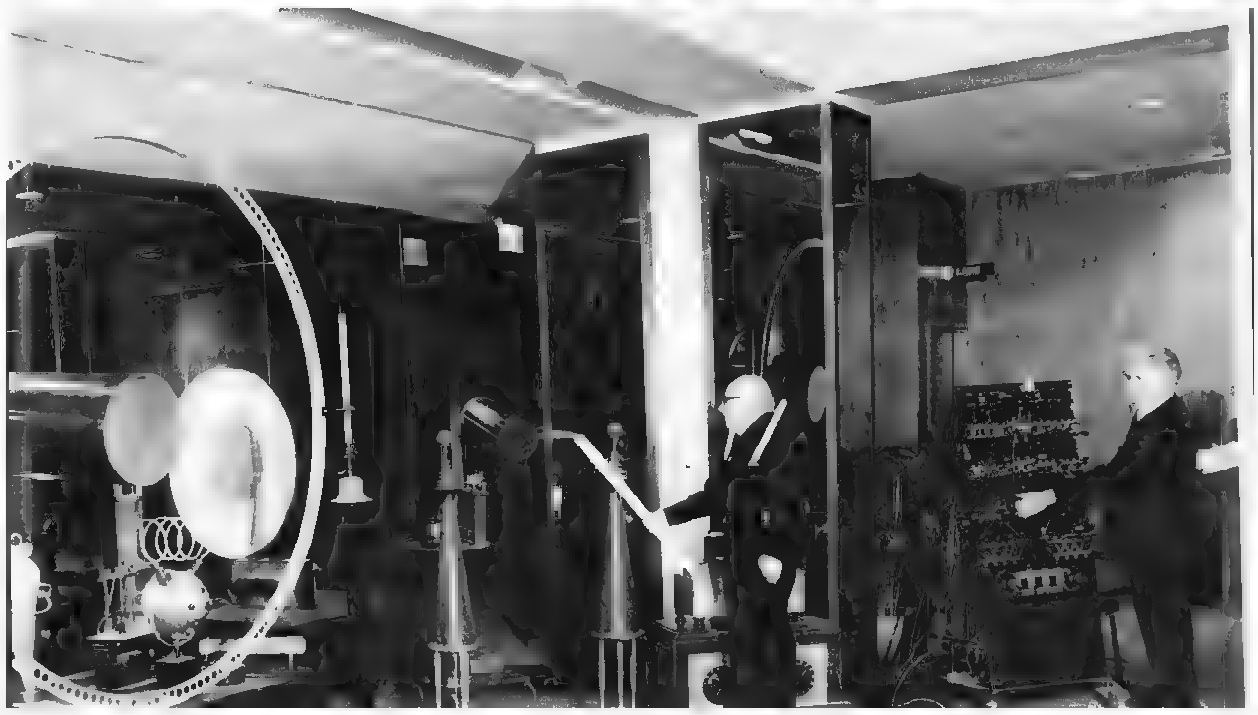


SUPER BLAT












310-1-24

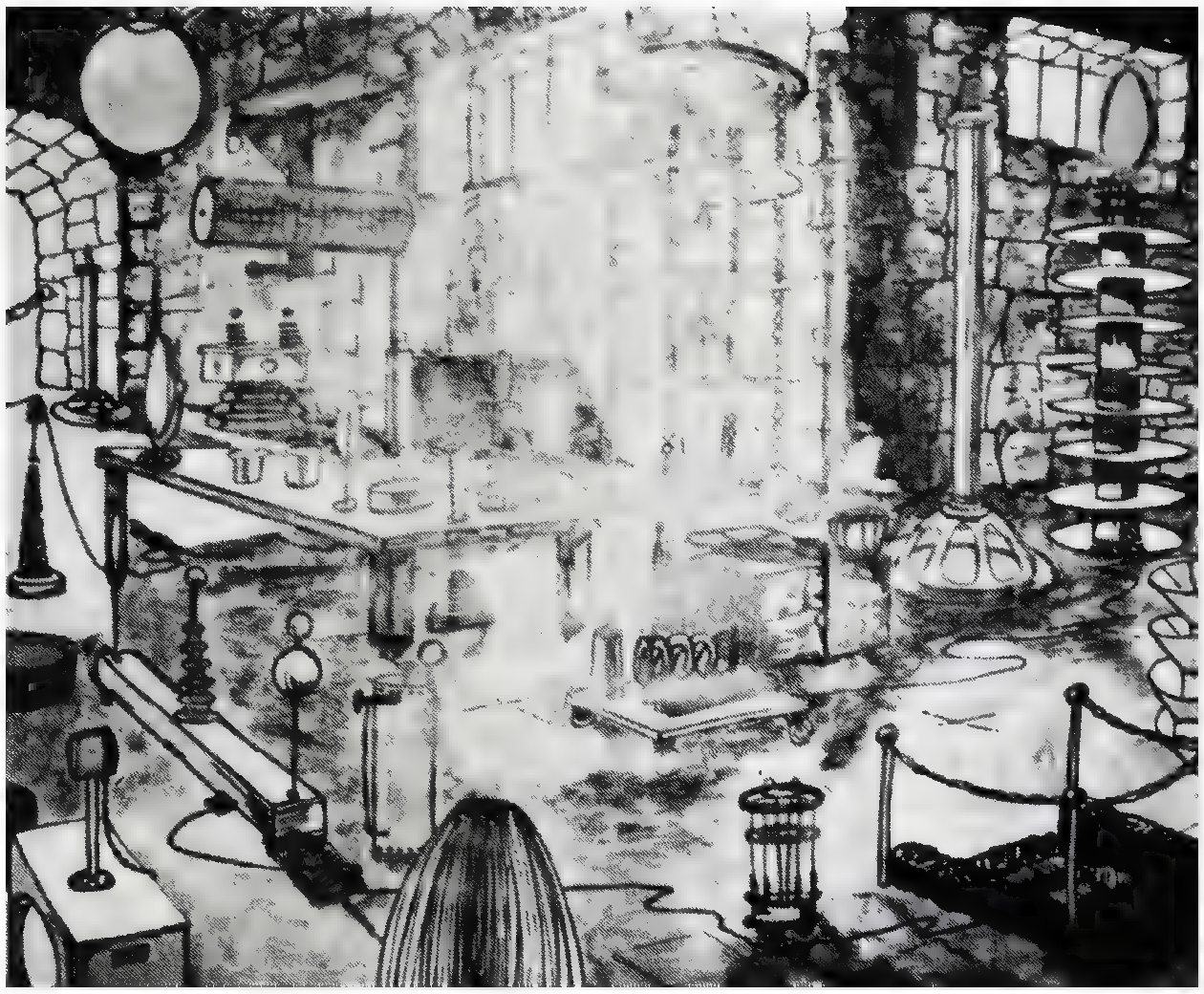




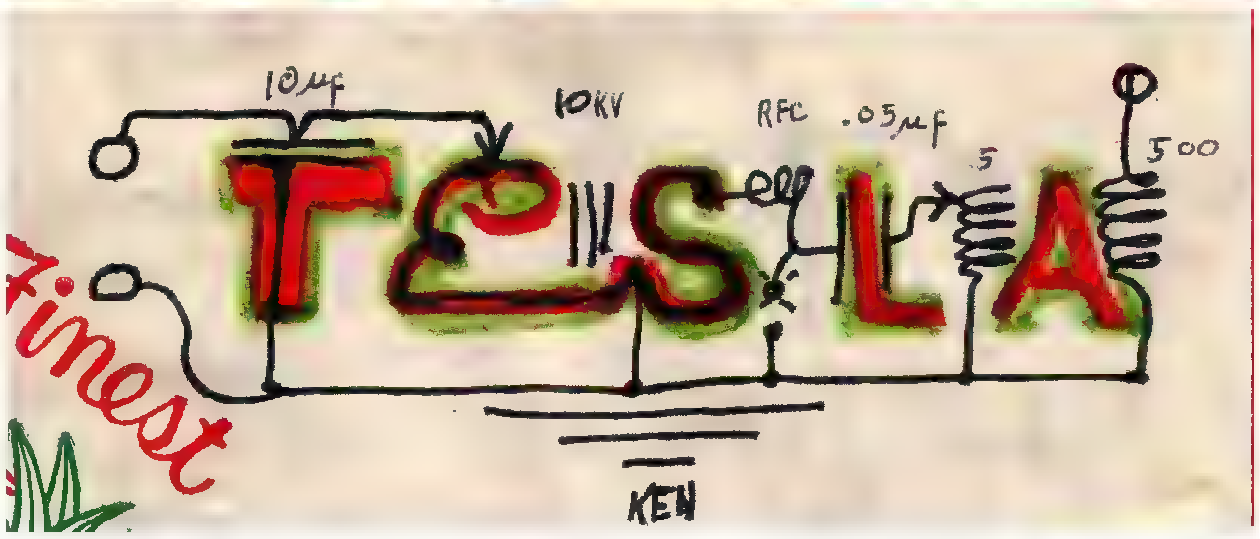


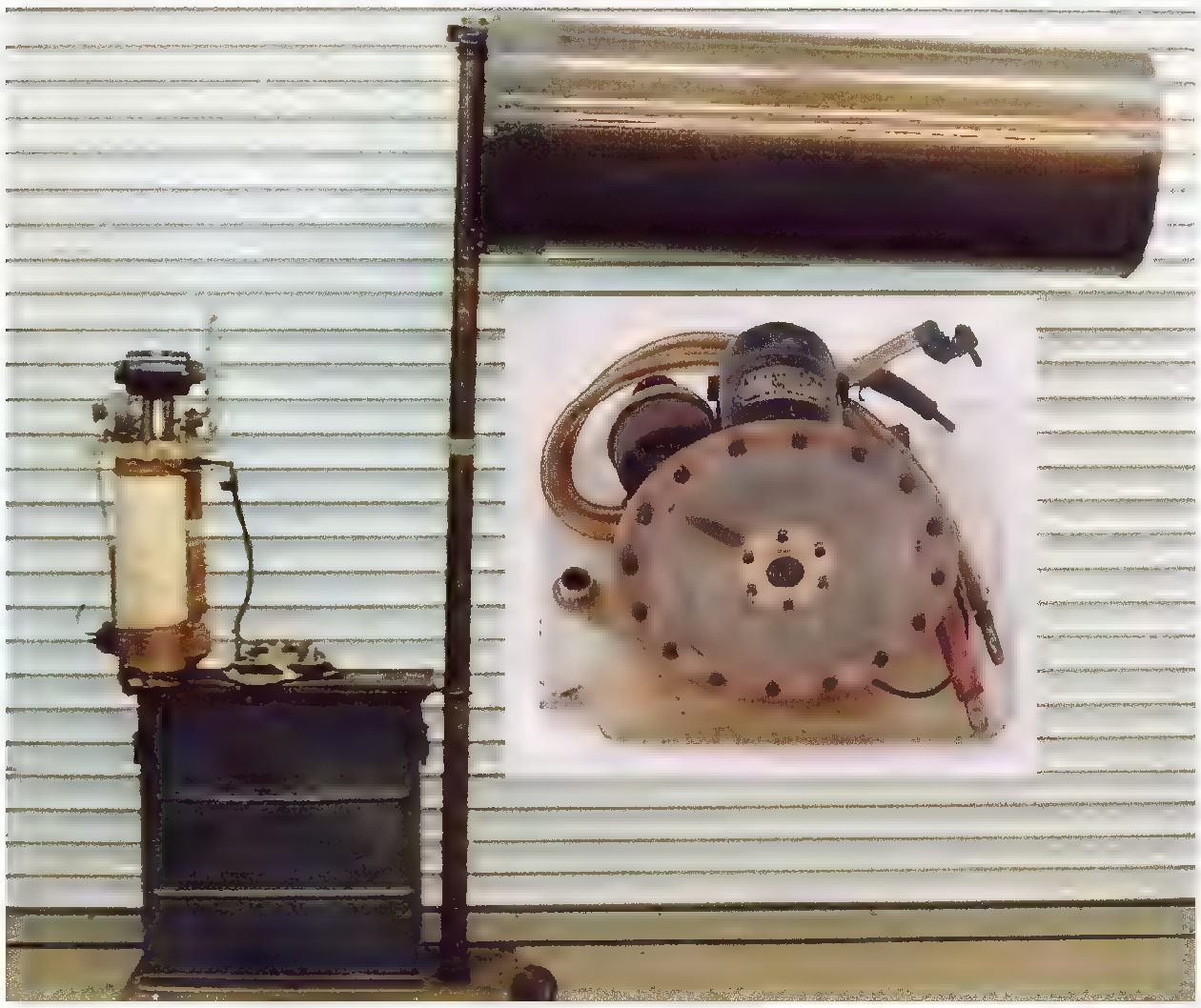









10μf
10KV
RFC .05μf
5
500
TESLA
finest
KEN





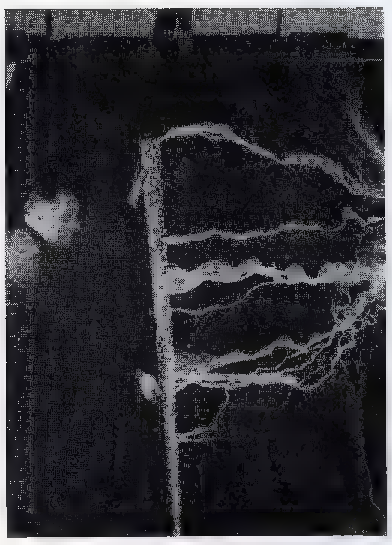
Music
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Electricity

ELECSTRIC
853 - 20th ST. TEL. 5243
SANTA MONICA, CAL.

Science

Presentations

by KENNETH STRICKFADEN



Electrical Exhibition and Science Show

Kenneth Strickfaden of California has made an outstanding reputation in recent years with his exhibition-demonstration of spectacular electrical equipment and devices at such places as "Electrical Age Exposition", "California Pacific International Exposition", "Canadian National Exposition" and "Eastern States Exposition".

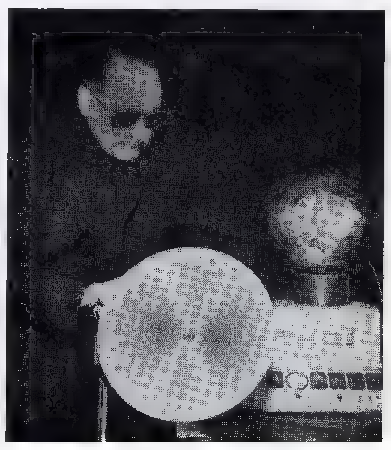
He will demonstrate the generation of electricity, radio beacons; phosphorescence and fluorescence, radiant energy, photo cell, stroboscope; music will be played on the Melodyne and Harmoneye — the most unusual musical instruments ever demonstrated.

Fantastic machines especially created for motion picture effects are used to portray beautiful high voltage spark patterns. Perhaps the most spectacular display is the million volt resonator, with its impressive sight of delicate and powerful tongues of energy. A great deal of humor and audience participation is employed to keep the interest and response at high level.

Docile house current is transformed into high voltage which is sent to some weird looking apparatus to create electrical feathers on the Multistributor. Electrical lace starts to emanate from the giant resonator. The sparks grow as a living tree of lavender fire and culminate in an awe inspiring sight.

It is a demonstration of spectacular electrical and musical apparatus, presenting scientific principles in an interesting and educational entertainment.

All sorts of strange and mysterious effects, such as Black light; pyrogeyser; spark beats; hearing molecules in motion; thunder storms produced in miniature; educated firecrackers; speaking crystals.



These unique inventions and performances involve many profound principles of science. They are like visions into the realm of the unknown. Witness the Gravity Neutralizer and Stratismobile.

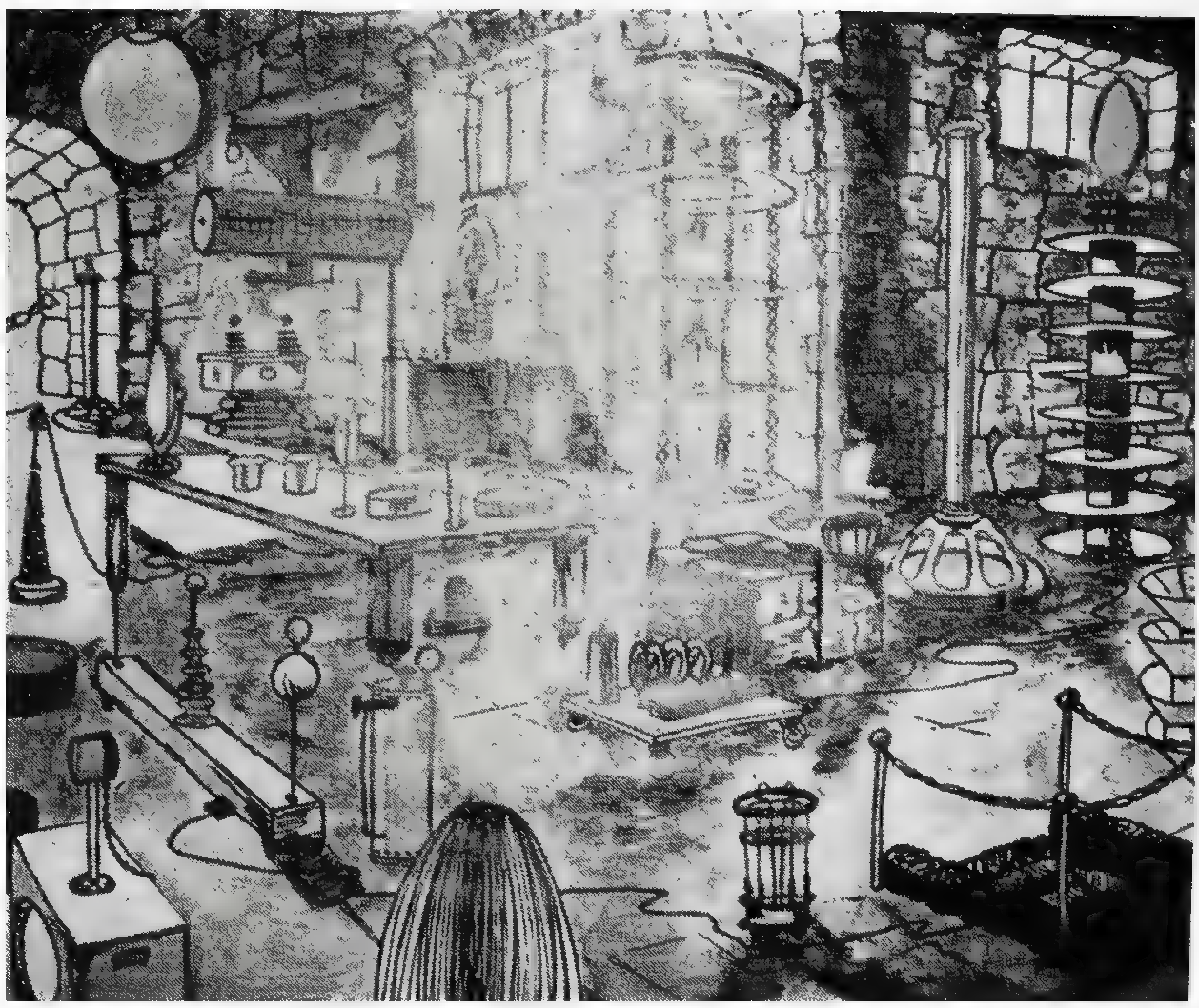
Boys, girls, and adults alike, thrill at this exposition of science as presented by this Electrical Wizard!

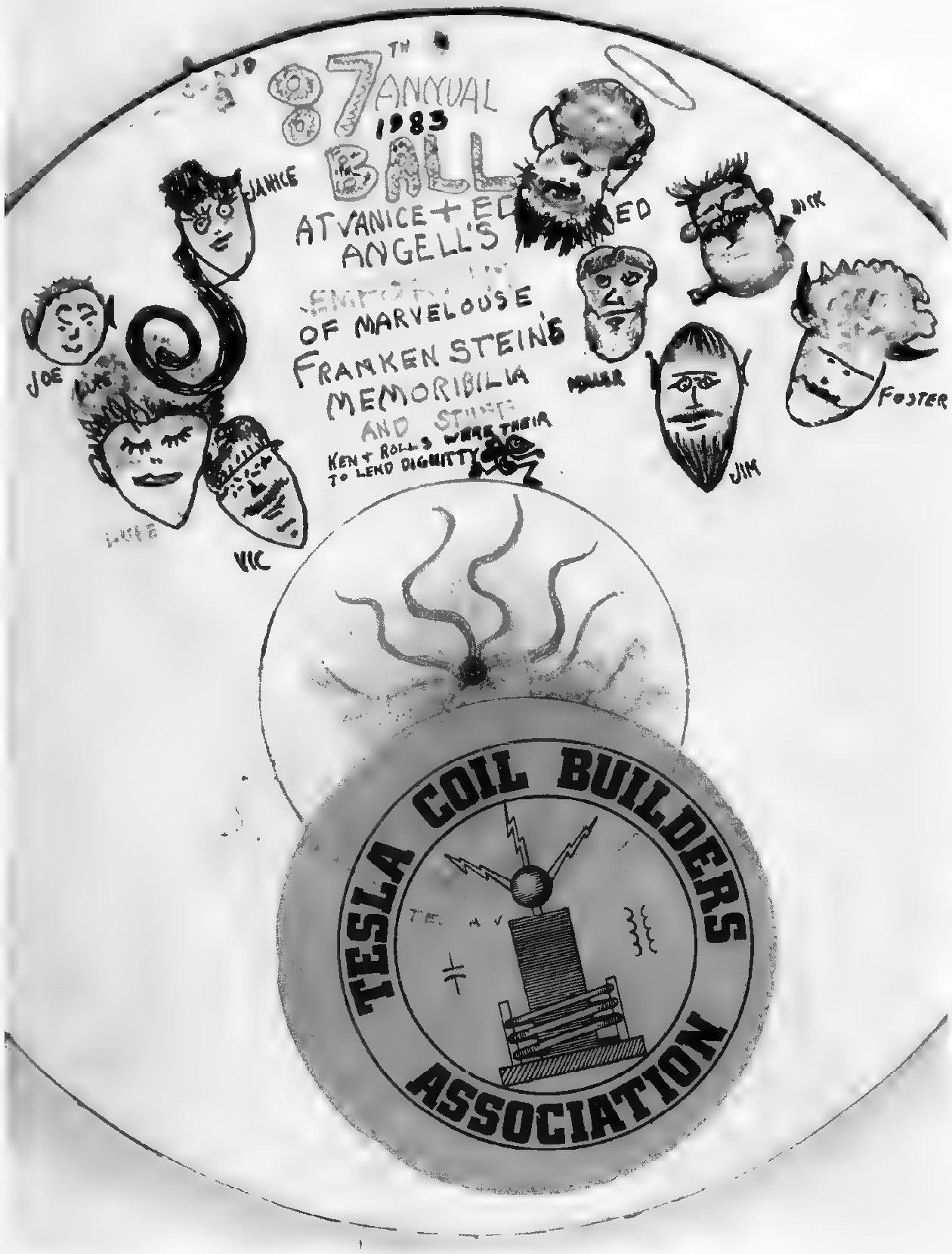
It is not only highly entertaining, it is instructive and educational. It is prophetical of the possibilities of future developments and inventions in the field of science.










87TH ANNUAL
1983
BALL
AT VANICE + ED
ANGELL'S
EMPORIUM OF
OF MARVELOUSE
FRANKEN STEIN'S
MEMORIBILIA
AND STUFF
KEN + ROLLS WERE THERE
TO LEND DIGNITY
JANICE
ED
DICK
JOE
MILLER
FOSTER
JIM
VIC
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ASSOCIATION

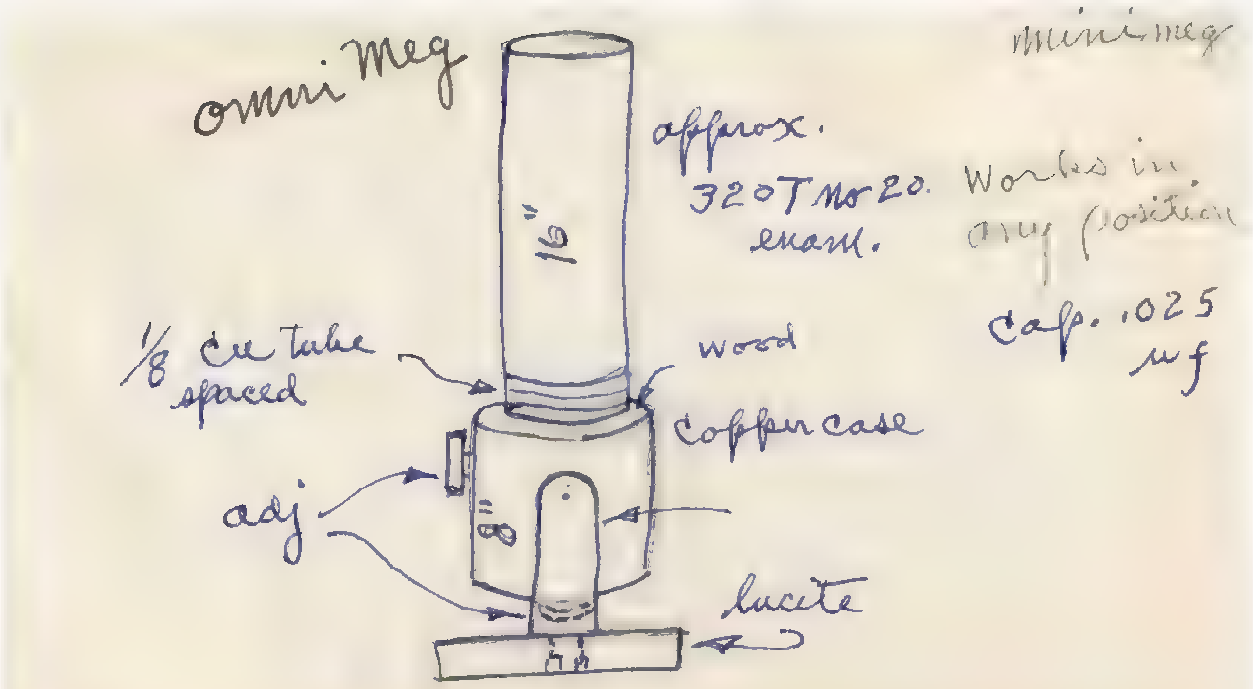


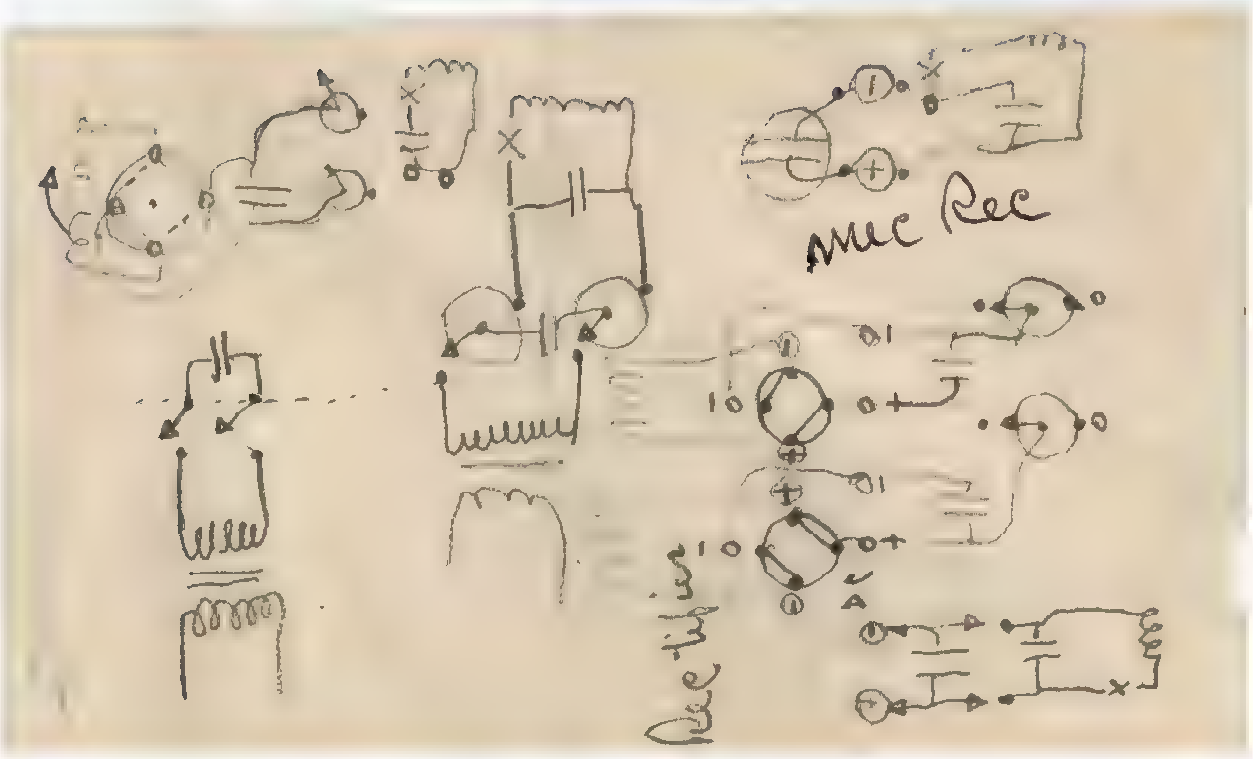


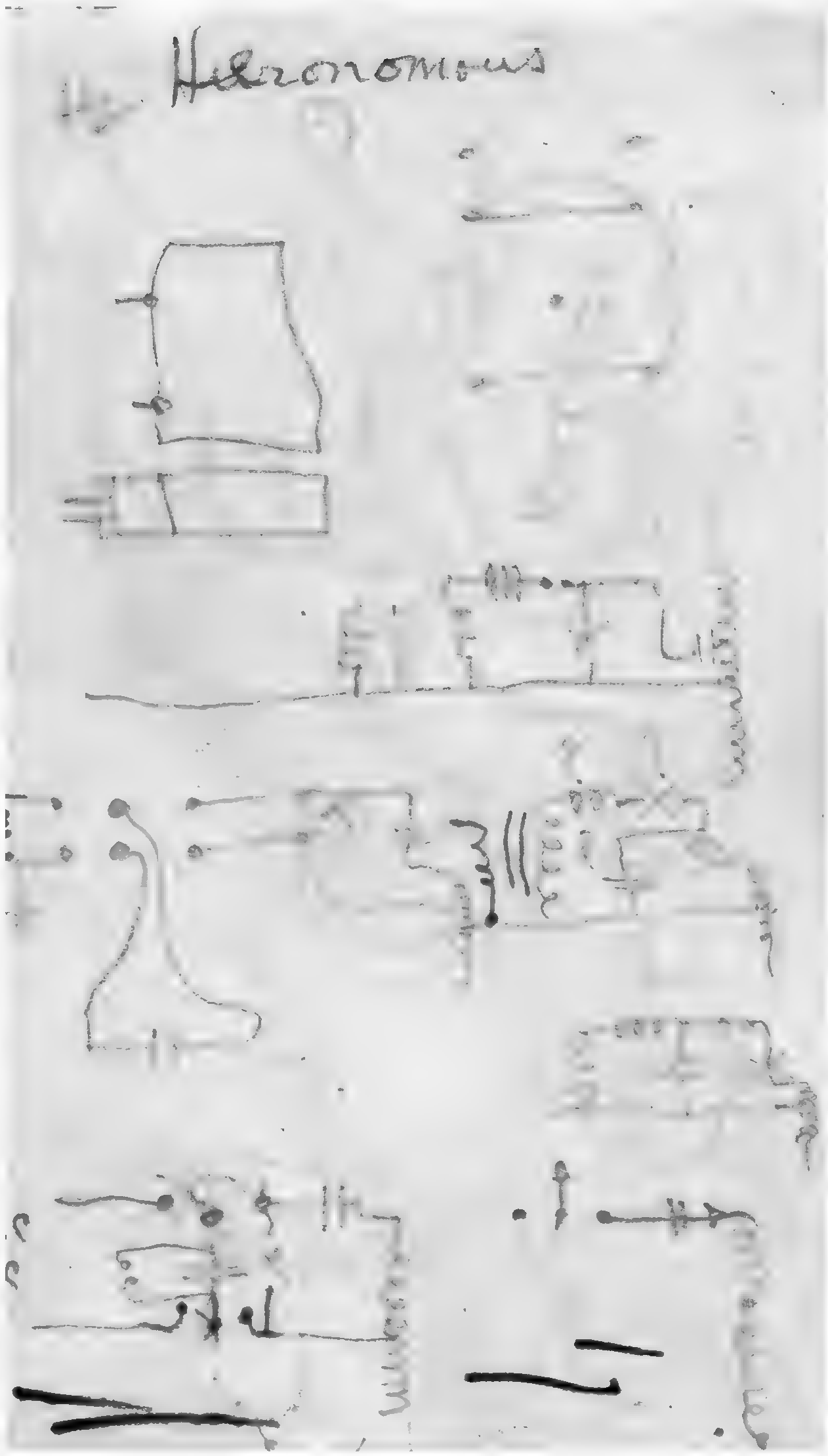


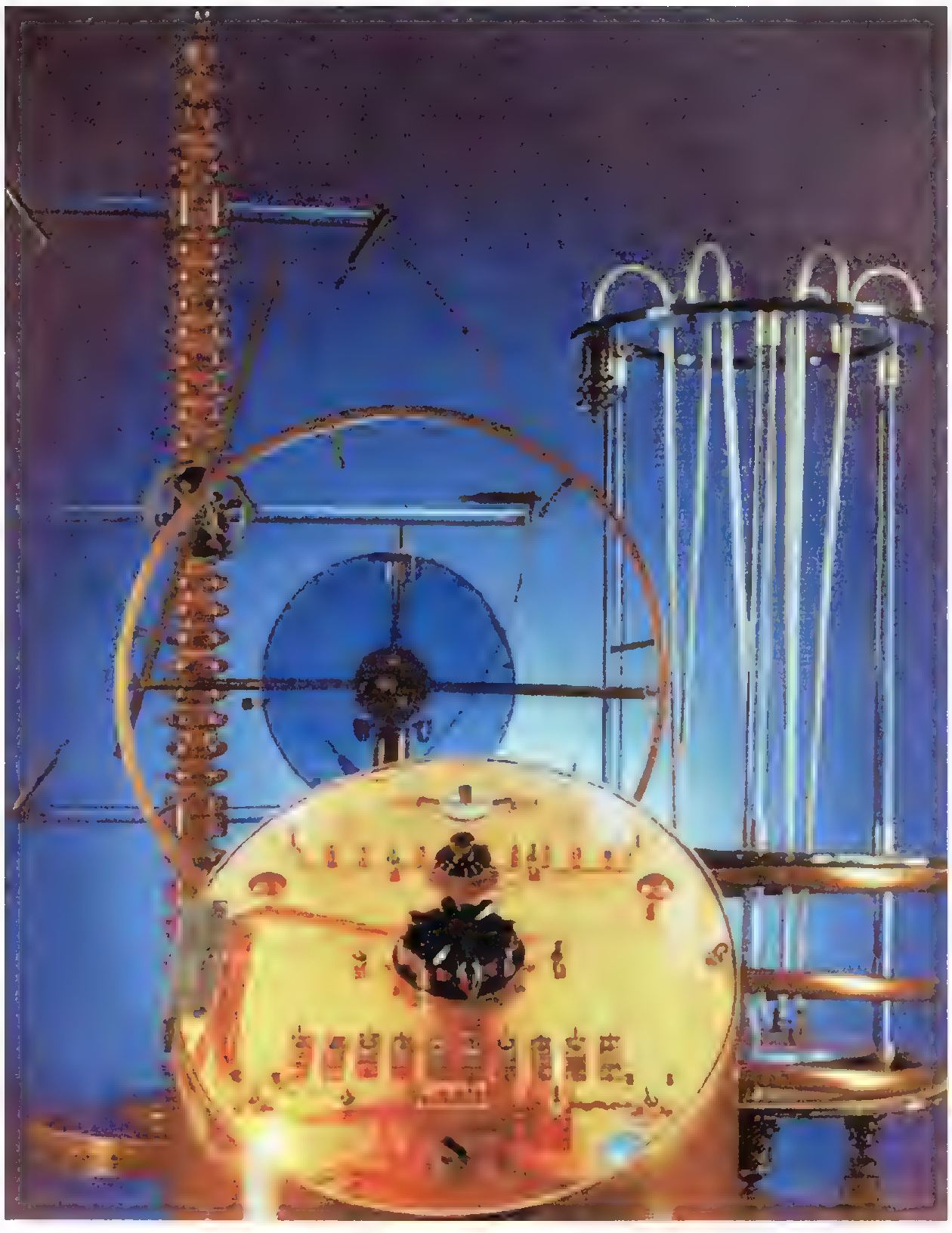





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DRILLS · TAPS · VICES · STEEL BENCH 3X3X8 · 2 STEEL BENCHES 24X30X96 ·
WITH 36 DR · DELTA SAWS · JOINER · BLADES · BUFFER · SANDER · GRINDER ·
40 CABINETS · 5 BINS · 5 TABLES · 5 RACKS · 100 TRAYS · 50 BOXES · 48 TRAYS
MAC. SCREWS · 20 TRAYS WOOD SCREWS · 20 TR. CAPS · 20 TR. RESISTORS ·
20 TR. BRADS · NAILS · PINS · WASHERS · NUTS · BOLTS · FASTENERS · PARTS ·
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INGLEWOOD CA. 90301. 671-2073.

FEB. 14, 1981.

I HEREBY CONSIGN 50 PIECES OF ELECTRICAL SHOW EQPT. TO ED. ANGELL & JANICE NEWMARK, OF "DIMENSIONS," WITH THE UNDERSTANDING THAT THEY WILL SHARE THE PROCEEDS FROM THE SALE, RENTAL, REPLICATION OR USE OF THIS EQPT. WITH JOHN O. FOSTER ON A 50-50% BASIS. IF THEY DECIDE, FOR ANY REASON TO TO RELINQUISH THEIR INTEREST. THE EQPT. WILL BECOME THE SOLE PROPERTY OF JOHN O. FOSTER. Kenneth J. Strickfaden.

AGREED: John O. Foster

Ed Angell

Janice Newmark



KEN STRICKFADEN

*B 1896. Anaconda Mont. may 23.

*1908. Ashland Ore. 1st elec. lab. in dad's apple cellar.

1912 To Santa Monica with dad in 1908 Ford

1913 S.M. Supply co. Electrical work.

*1914. Rider X Ray shop. L.A. Bugle call broadcast on tuned rotary spark gaps. 1st Tesla Coil.

1915 Braun Corp. Machine shop. $1 Per day

1916 graduated SMHS. Willard's Temple of Music. VENICE Pantages Circuit

1917 Luna Park, Coney Island N.Y. 1912 Ford. from Willard $150.

1918 USMC AEF Signal Corps. Photography. Machine gunner.

1919 N.Y. to Calif in remodeled 1912 Ford. Sale of war Photos financed trip. Evan Allen Johas Weston. co-pilot.

1920. Photographing Santa Monica. Piers, amusement zones.

FEB.15 1921 Married Gladys Ward. Metropolitan Studios S.M. Blvd & Cole ST. S & S Motor Shop Venice. Venice + SM Beach games. Hamilton + Hoover Mfg.

1922 Ford Motor Co. assembling model T's @ $2 per car. (4 per day)

Armacost Nursery, Olesen Lumber Co. Construction work. Cement mixer-jockey

1923 Carol born 8-14. Douglas Co. Wilshire Blvd S.M. NA 50 @ 22.56 wk

9-12-23 Asst. 178th Pursuit Squadron 3rd army, Reserve corps. SM Clover Field.

1924 "globe Electric Co. Games on Piers. Photos of S.M. Bay

1926 322 Pursuit GRD. AC Discharge from USA Reserve corps. End of Service

1925 Speed Boats Venice Pier. Elec. work, Photography. games. PIER ELEC.

1926 YPC Boys' clubs. Scouts. YMCA Pioneers. Lasky Film Studios.

1927 Marilyn born. 5 13th 26 Lasky. "WINGS" Ray Pomeroy Fox Studios Elec. Shop. otto K Olesen Elec Shop Foreman Inter-

1928 Universal Studios Elec. Shop 5th St. home + shop. Inherited all of Willard's musical Instruments (one Baggage Car full). 84 pcs. Fox Studios. "Clutching Hand" "Buck Rogers" "Zombie People" 7-28 Show Boat, Poland. Santa Catalina. 9-1st 15th of Talkie. the ghost Talkie Fox Talkies 1-28. Romance Rio

1929 L. Fox UNIV. STUDIOS. 7-5th Hearts ongel. Cockeyed World. Words + Music 6-29. Harmony + Home The Talkie

1930. "Just Imagine" Fox 1-16 "Mystery Liner". 1930 "Chandu" Warner Baxter "Wizard of Oz" 1-17-39 "Dr. X" "Conn. Yankee" Will Rogers. "Shis to Fine"

1931 Original "Frankensteen". Universal. Ray Tinsley director - S.E. Cavara Ed Kay's Prop Master. John Fulton Art. D.

1932 "Dr. Fu Manchu" doubled for Karloff. MGM. Chandu the Magician
"Undersea Kingdom" "Lost City" Clutching Hand Fox.
'31 1932
1933 26th St. Home - 1st Lecture Tour - Calif + Ariz. Schools.
Carthay Circle Theater. Raul Walsh Premiere. S.E. Cloud Projected from Lightning Torch.
Paris,
1934. "Vanishing Shadow" "Invisible Ray" Monarch Prod.
Harold Floyd Studios. Monogram. I.
1935 "Bride of Frankenstein". "Phantom Empire" Lecture Tour Ariz.
Lost City. Harry Revier, Dir. (Calif. Pacific INT. Expo.) 2 shows/da.
Palace of Electricity. Increased attendance 88%, 750000 attended for season.
1936 San Diego Expo. Palace of Electricity. "Flash Gordon" UPC
Electrical age Expo. Pan Pacific Auditorium. Zombies
1937 RKO Elec. Shop. Paramount Elec. Shop. Columbia Shop.
Republic Studios. Ice Follies, Flash Gordon.
"Man from Mars" shown Long Beach, Virginia Park.
1938 "Son of Frankenstein" "Buck Rogers" "Devil Dogs" Republic.
"War Monster" "Dr. Satan" Republic. "Wizard of Oz" MGM
1939. Lecture Tour. Studios: Buck Rogers. NBC! Color chain
1940 San Francisco Expo. PG+E. Elec. Show. Eastern States Expo.
Springfield. Studios. Virginia Park Long Beach "Man from Mars"
Toronto Expo. (with Carol) add 1800 Calliope
1941 "ghost of Frankenstein" "Fantasia" Disney Studios
KPAS Transmitter. "Man Made Monster" Columbia,
MGM Studios Sound Dept Shown in Schools
1942 MGM Studios. Sound Shop.
1943 "Frankenstein Meets Wolfman" "Batman" "Sherlock Holmes"
School Shows.
1944 "House of Frankenstein" School Shows.
Rep.
1945 "Man Hunt on Mystery Island" "House of Dracula". School
Shows.
1946 "Devil Bat" PRC Studios
1947. Salt Lake Expo. Hawaiian Islands Shows. Kline
circuit S.E. U.S.
1948 Univ. of Kansas Lecture Tour. Foley + Burke Shows. Fairs
NBC Color Chain installation, Burbank.
1949 "abbott + Costello meet Frankenstein". U of K. Lecture Tour.

21 a Date of engineer ?

5E

1950 U of Minn Lecture Tour. School assembly Service.
Naisaur Studios.

1951. U of Wis. Lecture Tour. NBC (Fischback + Moore Elec. Cons.)
U of K.

1952 U of W. NBC. SE States Lecture Tour. PO Box 328 Robt. C. Rath Director. South East School assemblies Greensboro N.C. Sept. 52 D

1953. NBC. W.B. "War of The Worlds" Byron Haskin Dir. Shop gemon - Paramount School Shows. May '53

1954 MGM Sound Shop. KTTV shows. Fairs. Shows. Gordon Camera Hol. museum

1955. Disney Studios Sound Shop. Animated Donald Duck + John Miller
forerunner of "Audio Animatrix" = Audio animatronics.

1956 Paramount, RKO, NBC Pathé

1957 Warner Bros. Sound Shop. Columbia Prop Sound Shop.

1958 Columbia, W.B.

1959 W.B. U of K. Lecture Tour.

1960 Retire from Studios. IBEW Pension.

1961 Steve Allen TV Parody on "Frankenstein"

1962 Fairs, Shows, Chairman Elec. Effects. Hollywood
museum of Motion Pictures + T.V. Sol Lesser &

1963 Elec. Shop. De Coursey Engineering C.C. 5-9 to 2-7-64
Window Rock AZ/Indian Shows

1964 Shows

1965 "Lost in Space" Irwin Allen, Fox. "Undersea Voyage" Jim Lockhart
Litton Center Hurd Shows. Litton art

1966 "Hello America" Sands Hotel Las Vegas Elec. Effects. KHJ-T.V.
"Shrimpenstein" KHJ El. Effects. Ice Follies.

1967 TV commercials, Du Pont "Teflon" "Personna"
Magnalux. W.B. Effects. Jamica FRED GWINNE Kaleidoscope W B

1968 Gen. Foods "chipos" "Munsters" U. Ice Follies, Mr. Shipstads
"games People Play" U. United SM

1969 TV Commercials Eveready, Union Carbide. Camera Obscura Made.
Lightning Screen (dark) made.

1970 TV Comm. Country Club, Petersen Studios. "Frankenstein Meets
Dracula" NP Sherman Productions. d. Carol Raish Carroll Naish

1971 KABC-T.V. Lil Abner. "obersetzer" made. Piano Roll to Keyboard. Elec. action.

1972 "Sixth Sense" aura UV TV Elec Effects. Illustrated man ~~steiger~~ Lewis

1973 TV Comm. ~~Magnavox~~. Petersen Studios "FBI" Burbank Studios SM Bay Photos. & Oils. TV Comm. Bob Williams Battery — "Pioneer house". ~~"Blackenstein" Soleto's~~ Varen ox tuner/made.

1974 "Horror Hall of Fame" Vincent Price. "Young Frankenstein" 7 of 9. Mel Brooks industrial film. "Capable Computer" Sid Art + Sam Photo Exhibits. "Frankentruck" TV comm. "Clones" B's "Strange New World" Burbank Studios TV commercials. construct new "Electrical Sculptures"

1975 Milton Bradley TV comm. new World Prod. Vincent Price. "The man who fell to Earth" Mayfair Prod. London, British Leon films. New Mexico location Roy Corman David Bowie

Tucson SCI-FI show. Nudelman. UPC. Farm W. Sci Fi. con.
Kiss Rock poops. Egypt. KHd. Pacific Tel. Penn Smith. orlando Konida
1976 Egp. Rentals. "Lemon Dracula" (FLOP) ICON PROD, Medtronic Museum consol of STILLING(S)
"Monster Squad". museum Eq. Format chicago. L.5 Plans. future gun.
1977 "Man From Atlantis" "Coma" "Nemo" "Hardy Boys" "Spt. Pepper" geo. Burns. ~~"Wonder Woman"~~ michael crichton dir.
Sept. 2 "Manitou" Dale Jote unit Dir. Effects made in S.M. Albain SE on set.
1978 "Wonder Woman" W.B. Burbank Studios "Young Edison" Schick Sam greg auer

Mar. 26 Easter Sunday. Gladys ward Strickfaden died S.M. Hospital.
Young Edison - Schick Bob Hope TV special ambassador College.
Feb 13 Manitou - (Albain). Cole Porter Prod. "out of this World."
Jote -
1979 Schiele. Young Edison "Struck by Lightning", Elam Irvine Films Inc..
Bob Hope ambassador. Robin Royce Prod. Wayne ---? Zimmerman cc Irvine Films.

1980 Jan 18. Ken Bailey dies. Mole Richardson old Photos. Spielberg Vic Levine Prod.
Irvine ESP. Prod NG. Pacific Tel. TV com. "Frankly" Penn Smith.
Senior Citizens from christian Science. apr. 19. Shows + Cats Ingertie Backus
Magic Mountain Project, Bob Bennett. NG Richey Prod. Dallas. Fairies
Fashion Shows Ron Roy + Pams. PREVIEW w/ Ben Brantt FOR. "Empire strikes Back!"
Star Wars. Recording session. VATOSTEIN? Battered Children SHOW, Malibu.
Buck Rogers, Frankie Capobianco. UPC. KCET PHOTOS-PANELS
12-31 ED. ANGELL SHOW EQPT. JANIS NEW MARK DIMENSIONS. JOHN FOSTER SHOP EQPT. & TOOLS
gift of large photo Panels to S.M. Library. Photo Panels to KCET auction in May. '81

1981 Home to Methodist church in memory of GWS. to benefit drama students etc. Col Farleys Boys Ranch Home, Texas
June 6 Carol killed in auto accident near Willits Ca.?
Academy Shows (Nov. 9-30)
Nov. 21 1982
on the Jason, Melody Rogers. Deby ac. at al. Ed angells shop.

Ken Strickfaden
anaconda Mont.
1896

1896 anaconda mont. May 23
1908 Ashland ore. 1st home work shop in Dads apple cellar
1909-10-11 Divorce
1912 Jo Santa Monica With Dad in 1908 model T Ford. front ~~seat folded down for sleeping~~.
1913 SM Supply Co. Electric Shop
X RAY LAB
1914 ~~Thomas Edison Lab~~ LA Shop. LA X rays. 1st wireless ~~station~~, Bugle calls broadcast. Tuned Rotary spark gaps. 1st Tesla Coil
1915 Braun Corp. machine Shop. ~~Hands~~
1916 graduated SM HS. Willards ~~Temple of~~ music. Venice Pier. Luna Park, coney Island - ~~Bot~~ willards 1912 Ford $190
1917 Electrical creations used in Willards show. Melodyne ~~musical duo~~. Tesla Coil
1918 ~~Enlisted~~ USMC AEF Photography, machine gunner. ~~gunner~~ Pilot Inspector
1919 NY to Santa Monica in remodeled 1912 Ford. Evan Allen & Pilot Johns Wells
1920 Elec Shop. Elec. games on Piers. Early SM Photos (museums)
1921 married gladys Ward, Bible Center LA.
1922 Ford motor Co. Hemickle + Haworth. assembled Model T fords @ $2 Arcadia Nursery, Oleson Lumber Co, construction. Amen mixer jockey
1923 Carol Born 8-14. 1st SM Douglas Co, "Holly" Studios, ~~welds~~ Brazing (open Hearth) Rowed the world cruisers (CLOUDSTE Photos of Events. Enlisted reserve corps. 9-12-23 army Pursuit squadron 478 - 3rd army. games on Piers.
1924 globe Elec. co. SM games on Piers. Early Photos SM Bay
1925 Speed Boats Venice Pier. Photos. Photos SM Bay.
1926 Boys' clubs. YMCA, PIONEERS, SM HILLS, HIKING, PHO
Farkey Film Studios Roy Pomeroy "Wings"

1927 Marilyn Born. 5-13 [illegible]-26 7 Fox Studios Elec. Shop. Elec. Shop. Alto K. Elese
36" Sedrch Lights. Universal Studios. Elek. Shop. Bill Dyer,
"Hunchback of Notre Dame". "Phantom of the Opera". "Hoot Gibson"

1928 Universal Studios. Elec. Shop built at 15st S.M (inherited all of Willards Elec. & musical Equipment & Baggage, One baggage Car full & Pieces.
Fox Studios, "Universal, Studios. "Zombie People" "clutching Hand." "Buck Rogers" "Showboat" Boat "Caliope (later acquired by Disney Studios for Disneyland. Lightning Torch VPC. restored Fox "Pleasure Crazed"
1929 "words & Music" UA.

1930 "Just Imagine" Fox. "mystery Liner" "Chandu the Magician"
"Conn. Yankee" Will Rogers. "6 hrs to live" Warren Baxter
"Dr. X"

1931 Original "Frankenstein," Borris Karloff. (william Pratt.
Ray Lindsey Effects operator. John Fulton Sets.
Ed Reigs Prop master. Director Whale

1932 MGM mask of Dr. Fu manchu. Doubled for Boris Karloff during HV scene using Tesla coil & sword. Lost city. Chandu the magician. Undersea Kingdom. "Clutching Hand", Fox. Zombies.

1933 26th St 9.M. Lecture Tours, Calif. & ariz. Schools. Carthay circle Theater Raul Walsh Premiere. Searchlites & Lightning Torch.

1934 "Vanishing Shadow" Monarch Prod. Harold Lloyd Studios.
Monogram Studios.

1935 "Bride of Frankenstein" "Phantom Empire" ariz tour schools.
"Lost City" Harry Sir. Calif. Int. Expo San Diego Palace of Elec.
Increased attendance 887. over 750000 season. "Zoo Lies"

"Flash Gordon" VPC. Electrical Expo, L.A. Pan Pacific Auditorium

RKO Elec. Shop. Paramount Shop. Ice Follies. Flash Gordon.

1938 "Son of Frankenstein" "Buck Rogers" "Devil Dogs" Republic
"War Monster" "Dr. Satan" Republic. "Wizard of Oz." MGM.

1939 Lecture Tour - Studios - "Buck Rogers" NBC color chain

1940 San Francisco Expo. P G + E Elec. Shows. Eastern States Exp.
Springfield - Studios - Virginia Park Long Beach.
Toronto International Expo. (with Carol)

1941 "Ghost of Frankenstein" "Fantasia" Disneyland. Restored
Calcidoscope used by Universal "Show Boat" earlier.
KPAS - "Man Made Monster" Columbia - M G M. Sound.
School Shows.

1942 MGM Sound Shop.

1943 "Frankenstein Meets Wolfman" Columbia. Sherlock Holmes
School Shows.

1944 "House of Frankenstein" Lecture Four.

1945 "Man Hunter mystery Island" "House of Dracula" Schools.

1946 "Devil Bat" PRC Studios

1947 Salt Lake Expo. Hawaiian Shows. School Shows S.E.

1948 U of K Tour. Foley & Burke Shows. Fairs. NBC Color
Chain, Burbank.

1949 U of K Tour. "abbott and Costello meet Frankenstein"

1950 U of Min, School ass. Service, S.E. Nassour Studios.

1951 U of Wis. NBC (Fischback & Moore) U of K.

1952 U of W. SE States Sept. to May 53

1953 NBC "War of the Worlds" Paramount

1954 MGM Sound Shop. KTTV. Hollywood Museum Show. SE
Chairman. Fairs. Shows.

1955 Disney Studios Sound Shop. 1st audio animatronics. Donald Duck
voice in sync with beak movement, John Miller has proto
mechanism,

1956 Paramount, RKO, NBC, Pathe

1957 Warner Bros. Sound Shop. Columbia Prop Shop. Sound Shop.

1958 Columbia, Warner Bros.

1959 WB Sound Shop. Ken Bailey, U of K. lecture tour.

1960 Retire from IBEW, PENSION 50 YRS.

1961 Steve Allen, Franky Spoof

1962 Fairs, Shows, Chairman Special Effects, Hollywood Museum, Sol Lesser Elec. show

1963 De Coursey "Slim" Engineering. CC 59 to 27-'64 Indian country tour Winslow Rock Ft Arizona

1964 Shows

1965 "Lost in Space" Irwin Allen, Fox Undersea Kingdom. June Lockheart. Lytton Art Center, Shows,

1966 "Hello America" Sands Hotel, KHJ TV Elec. Effects. "Shrimpy-stein" "Ice Follies"

1967 TV Com. Jeffon (Dupont) Personna Blades. Kaleidoscope Magnalux Torch to Jamaica.

1968 Gen. Foods "Chipos" "Munsters" Fred Gwinne, Ice Follies. Mr. Shilstad. Visited SM. "games People Play". UPC.

1969 TV Comm. Energy by Union Carbide. Lightning Screen (dark). Camera Obscura made.

1970 Peterson Studios TV Comm. "Frankenstein Meets Dracula" Sherman Productions NY. J. Carroll naish.

1971 "Fil Abnem". Oberaitzer made. Piano mechanism made

1972 "Sixth Sense" V. EE prats "Illustrated man" Russ Steiger.

1973 TV comm. Magnavox Peterson Studios. "FBI" Burbank Various Junior made. SM Bay Photos and Oils.

1974 Vincent Price "Horror Hall of Fame" "Young Frankenstein" Fox. Mel Brooks, "Capable Computer" De Sant & Sam. "Frankentrack" TV Com. "clones" "Strange New World" Burbank Studios. Electrical creations. TV. Comm.

1975 Milton Bradley TV comm. Roger Corman New World. Vincent Price. "man who fell to Earth". Mayfair Prod. British Lion Films. David Bowie. New Mexico locations.

1976 Tucson location. Sci Fi. mr. Ruddman. Sci Fi convention Equipment to Miss Prod.

1977 Man from Atlantis. Nemo. Hardy Boys. Sgt. Pepper. Geo. Burns. Michael Chrichton, United S M "manitou" Effects S.M. Dale Jate. Unit Sh.

1978 "Wonder Woman" Burbank Studios. Greg Auer S.E.

"Young Edison" Sun Prod. Salt Lake.

1978 Mar. 26 Easter. Gladys Ward Stuckfaden Died S M Hosp. "Young Edison" Schiffer - Sun Prod. Bob Hope Special. Ambassador College. "Manitou" Cole Porter Prod. "out of this World"

1979 "Struck by Lightning". Jack Elam. Tri une Films INC. Robin Royce Prod. TV. Comm. Culver City.

1980 Ken Bailey Died - Jan 18. Mole Richardson, Old Universal Photo. ESP Prod. NG. Tel. Co. TV Prod. Penn Smith - "Harley"

1981 Senior Citizens Christian Jowers. Shows + Eats. Gertie Boehme and pals made good Vibes. Magic Mountain. Bob Bennett. Fashion Show. Roy + Pam. Premiere w/ Ben Burtt. Sound Dir. Empire Strikes Back (Star Wars) Vato Stein? Battered children. charity Show, Malibu. Ed angell & Janice Newmark. Show Equip - 12-31 - J.D. FEAPT - Buck Escobeda. UPC
gift of large Photo Panels (oils) to SM library. Panels to KCET 5-81
Home, 26th St. given to 1st methodist church S.M. in memory of CWS.
1982 Gift to Boys Ranch amarillo Tx.

"2 on Town" TV Show oct 21-82 John Foster + Ken. Carol, Fatal Auto accident. Fayetteville. Van

1983

The personal papers of Ken Strickfaden were given to John O. Foster, by Strick, for John's keeping and any use he might have for them.
Before anything was done, John passed away. The papers became the property of John's widow, Lois M. Foster.
Mr. Harry Goldman, Tesla Coil Association President, due to his close association with Ken Strickfaden and John Foster, has been given the papers, with my full accord, to do as he sees fit. They are to be the sole property of Harry Goldman.

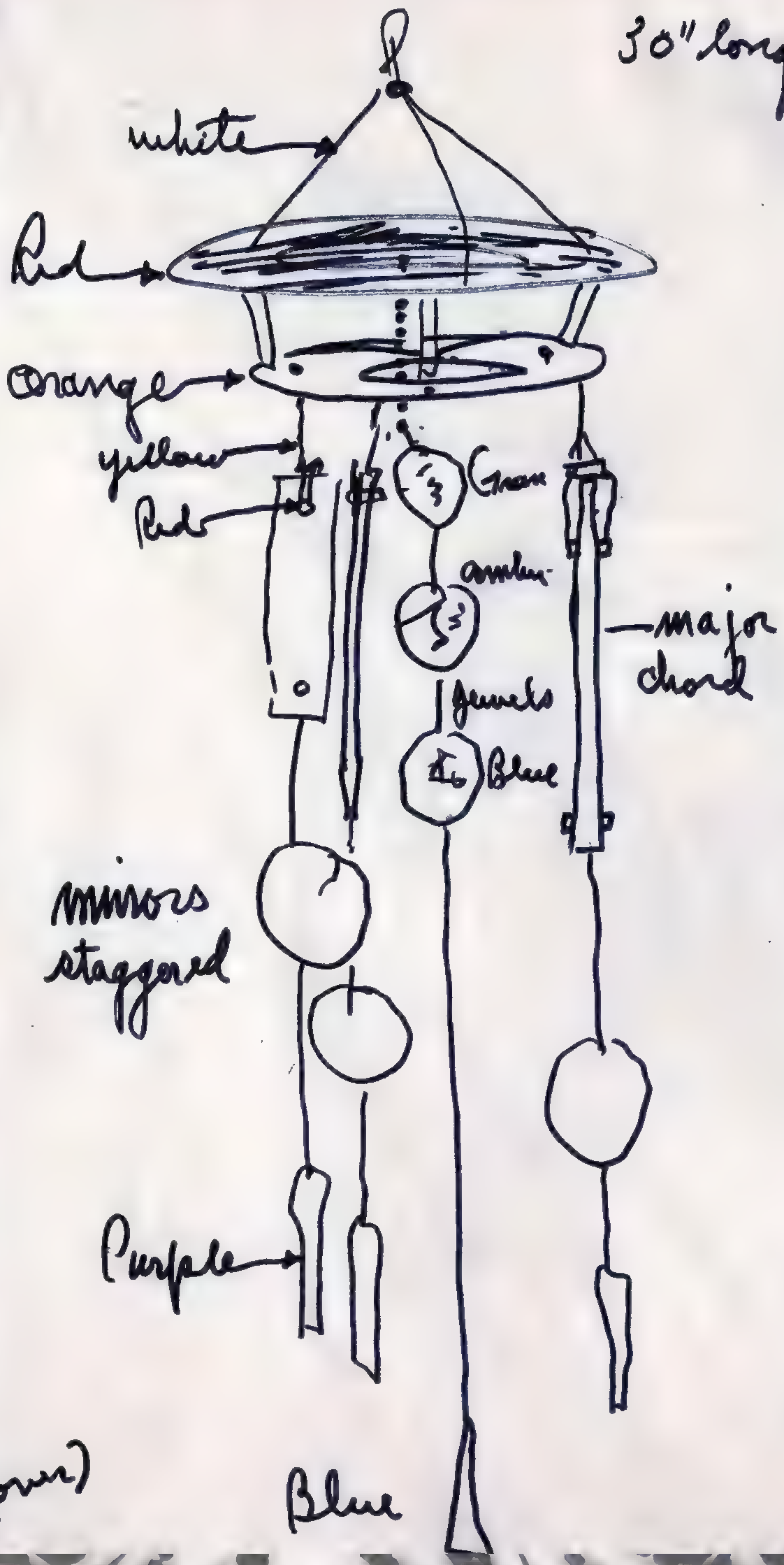
Lois M. Foster

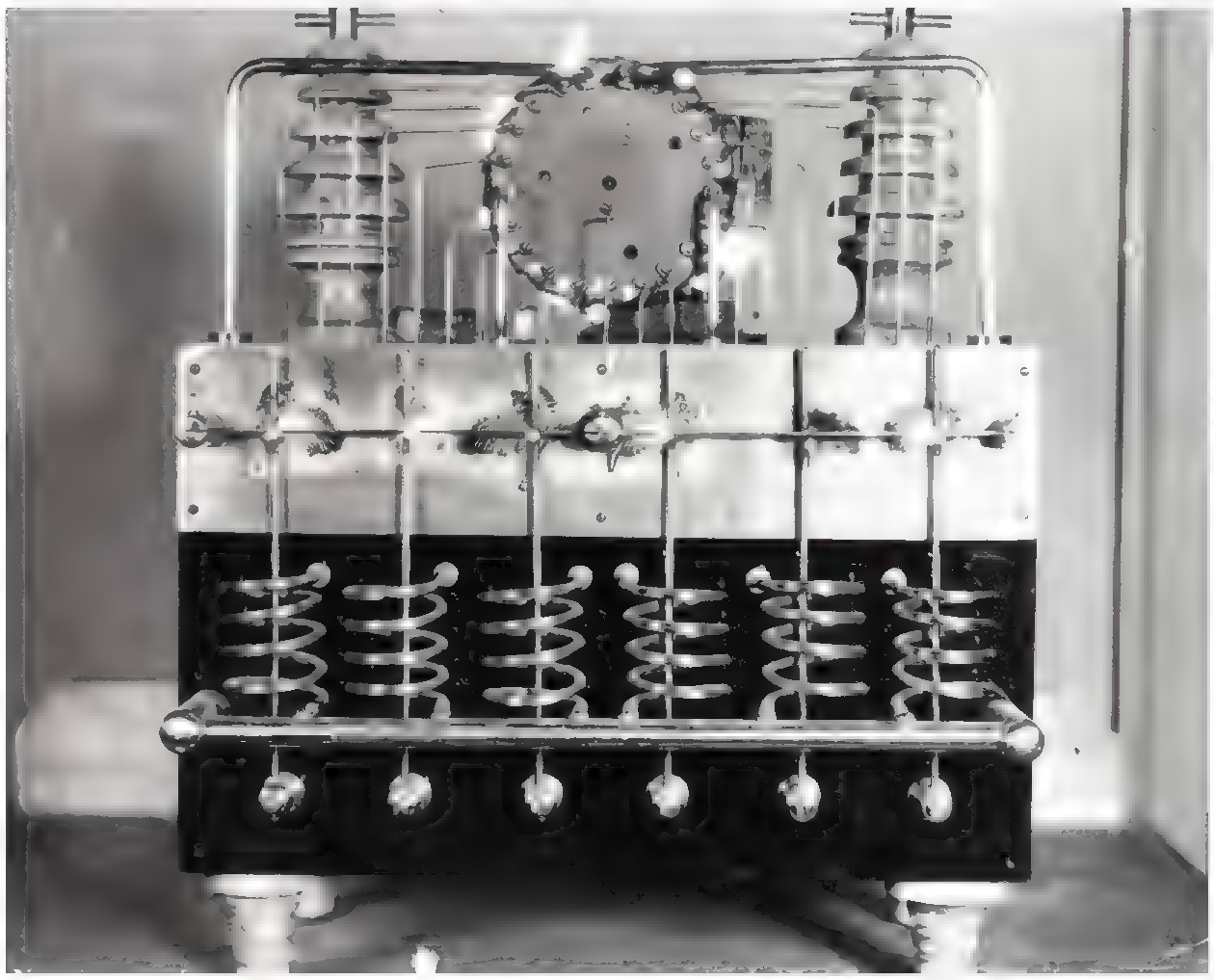
Lois M. Foster

May 23, 2000



1968 chimes Cliff Barnet



















Names

FLORA

Nano geranium
Fleur de Lis

FAUNA

1o Meth. Pink+Bluish
Eye spots, hinder wings
non compos mentis
Charlie Aardvark



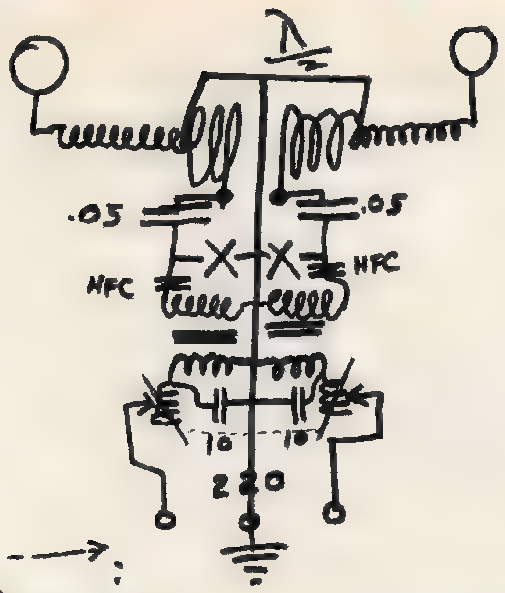

FLORAL

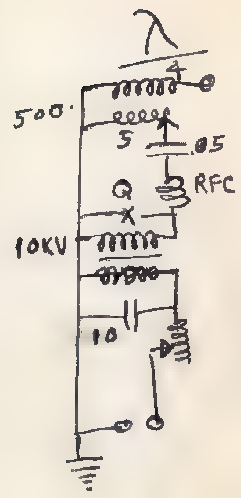


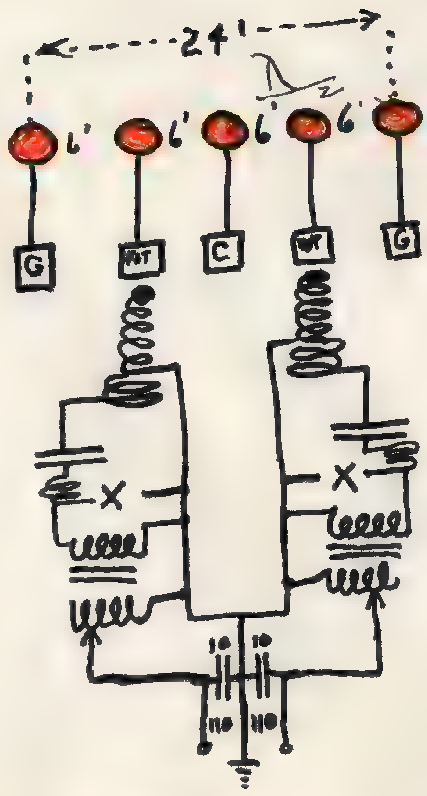

AUTISSER
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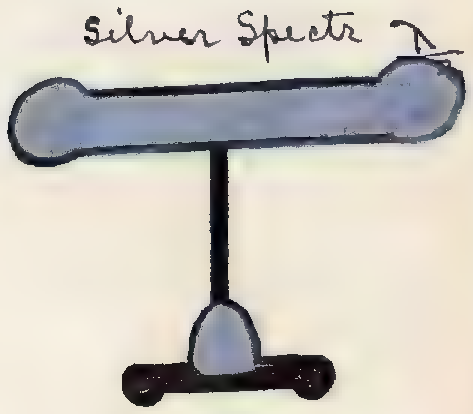

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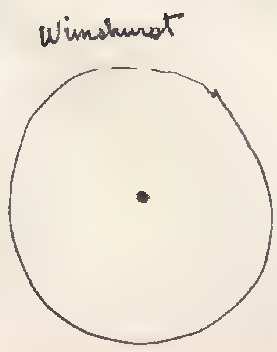
TESLA
RESONATORS





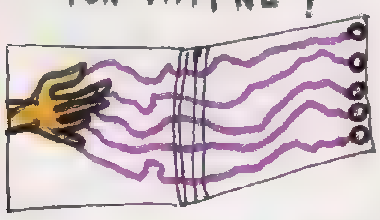


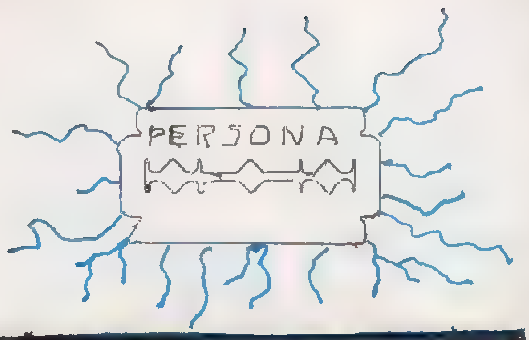




EFFECTS

RECORD ALBUM COVER
FOR WAYNE ?







Discovered CA 1900.
Pattern formed in lightning arresters.

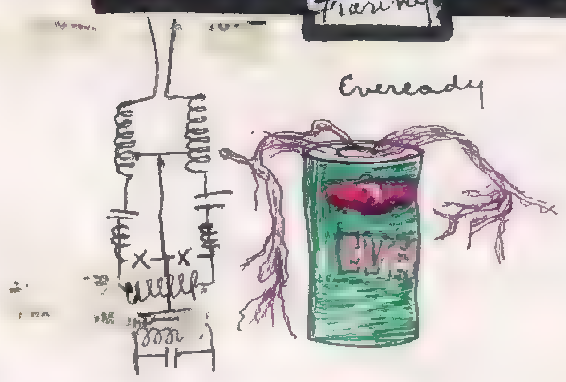


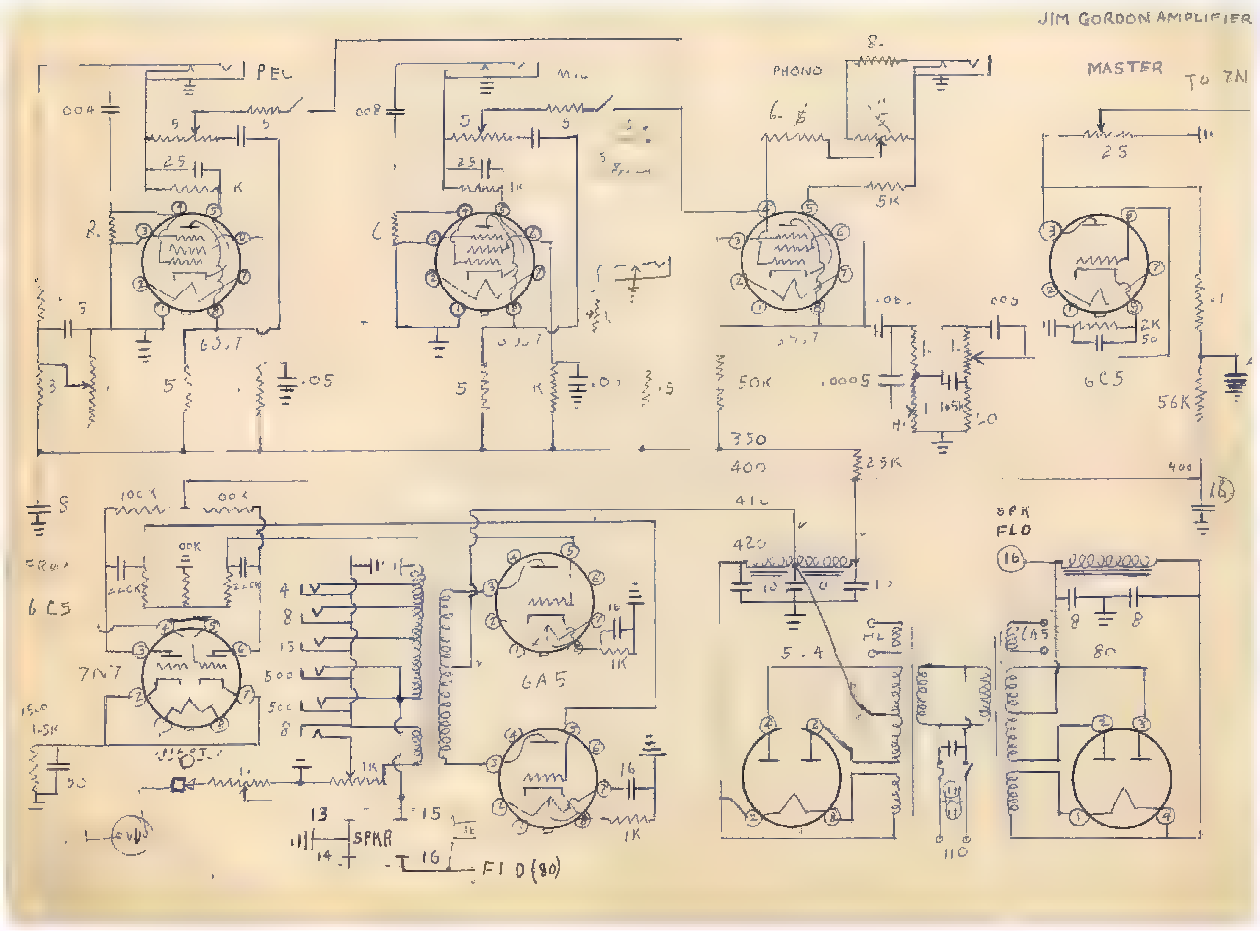
MANITOU
Indian Princess with Super Natural Powers.
Blown arc





on Screen




JIM GORDON AMPLIFIER
PEC
PHONO
MASTER
TO 7N
6C5
6A5
SPKR
FLD
SPKR
FLD (80)

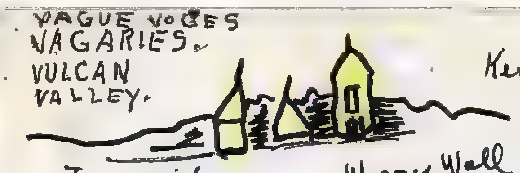







Reference Samples
PROCRASTINARIUM
LOST SOULS
Diamal Dorm
INSTITUTE MACABRE
INVENTERY THINKERY
universal Knowledge observerl QUASAR
Wizdome

VAGUE VOICES
VAGARIES.
VULCAN
VALLEY.



Pennsylvania
Kopers.

Tranquil Meadow Wavey Wall

·Cyco Path TO

Hidden Valley

Mt. of Invocation + Benediction

Sunrise Meadow

Peak of Perfection paramount summit
Nada Vista

non chalant mesa

City of Hope -- is a state of the Mind.

Peer a mid

Temple of the Dawn

Seekers' Paradicee

Gone goody grotto (SUNK)

Vista Mañana

Haven of Pieces PEACE

·Bide a wee Terrace

Summer Song Canyon

Wedding of the Winds glen

Gulch a Gulley

Vale of Mystic Mists

Rainbow Falls

Sheltered Cone

Forbidden Castle

Means Well
all's well
at the Master Control.

Happy Haven FOR GRAND PAPPYS
S.P.R.R.
Today the
Tomorrow of Yesterday
IS NOW
Coffee Break - Jappy Hour
Honey
Heal that of that.

·Bored of Education

Leaning Tower of Pizza · TACO

Maybe Mall

·Cross Patch

Broken Promises retreaded
" Hearts mended.
Memory Negator

Paral Port

Partial Port.

Bizzare Bazaar

Iron Springs

UFO landing field.

Extra dry Father
Forgotten memories. REMEMORIES

Houses Haunted free.

~~Office Bug's eliminator~~

Whois Zoo - What is zis

Red Tape Dispenser.

Paint of No Return.

Jean Bukit

Pre Historic Petrified Tears.

Portable Recess for Pre Mitted

Ice cubes squared.

·State of Confusion
Stresses Increased W/ Constant change

oaking
BOKIT

·dragging fly.

Day Dream Bog.

Heritage Haven TAX SHELTER. Divorce

Stream of Borrowed Tears.

Head Hunters Bounty Line

"Headless Hammer Without Handle gaining Him frameless Window Without glass.

·Bifurcated Coat made of Fur mink lined with Horse Weather

·Redundant Ruminants

Nether Region, Perdition all Hope abandon who enter here

~~Ice~~ Cubed Ice squares

·Terbistat for OHM Bugs

LAS Last Wages leads to
Calle de la Pulgas
Hopeless Harbour
Fizz Foundry
Fiddle Faddel on Hum Dr
Mimi Maxi Manor

W. Branch of River Chance
South Dak.
Snag Hill. NIL NUL

Point of no Return.

Surrogate Subjugation

Soon is later than you think.

·Road to Perdition Paved with good Intentions

·Procrasti Nation

Pandemonium complex
Simplicated.

ICE CUBES SQUARED FOR

Mañana - IMMINSIE

Sojourn into Fantasy

Engraved Excuses for Executin

·Bewilder mint Julips

·Careless Corridor

·Valley of Small Talk -

·Twin Cities. Idleness - Despair
Diligent Progress

Stresses Increased by decreed By OM!

Luck is where · Your find it.
unmaturity leads to Infancy

UNMATURY - - COUTH YOUTH



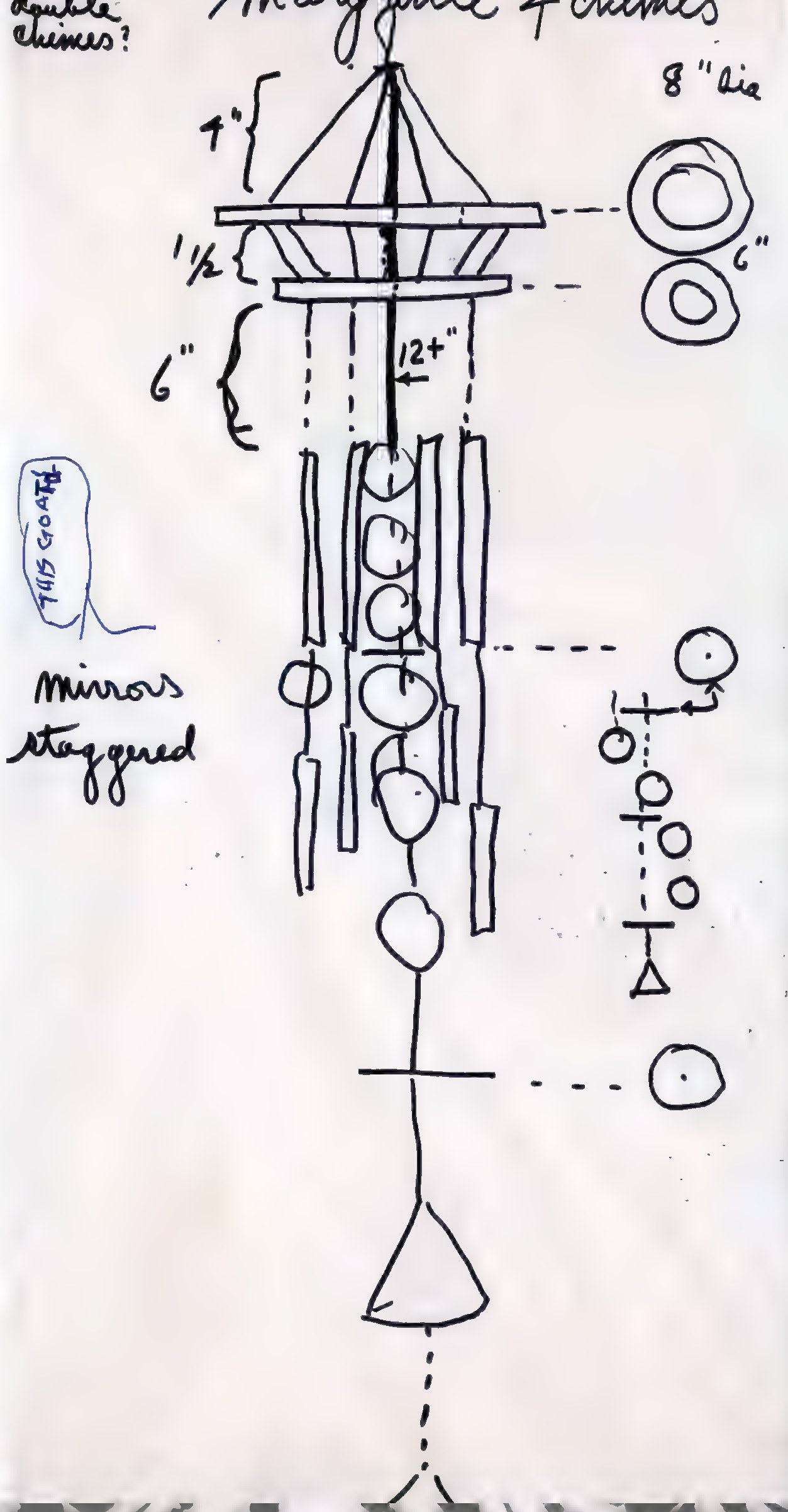




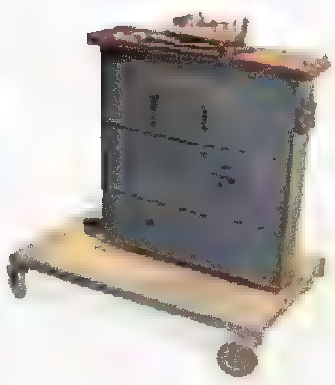


double chimes?

Marguite 4 chimes

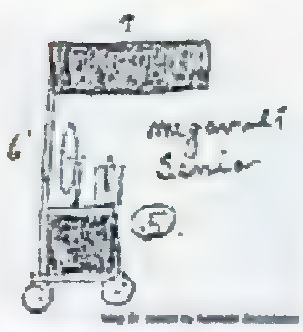











migrandi
Sinior









MISTER ELECTRICITY:

THE MULTI-VOLTED CAREER OF KENNETH STRICKFADEN

by William Ludington



A scene from THE BRIDE OF

Picture Fu Manchu (Boris Karloff), the Frankenstein monster (Karloff again), and Chandu the Magician (Bela Lugosi) — all bathed in electronic numbuses of light. Think of all the death rays of departed Saturday afternoon matinees that destroyed a thousand cities. Remember the exotic laboratory of the villainous Emperor Ming in the FLASH GORDON serials. Think of those and a host of other electrical marvels and you have the work of one man — Kenneth Strickfaden. His was the mind of a thousand volts. . . and some of the most "highly charged" special effects Hollywood has ever come up with.

Most dabblers in the realm of electricity have probably, at one time or another, constructed what is known as a Tesla coil. Named for its inventor, Nikola Tesla, the Tesla coil is simply an induction coil used to develop a high-voltage, high frequency, oscillatory discharge. Kenneth Strickfaden, a veteran of the First World War and an electrical hobbyist, made these things in his Santa Monica, California home for the amusement of himself and his neighbors. He also built other electrical effects, all of which had been originally discovered and perfected by Tesla before the turn of the century. These included the "Jacob's Ladder" effect with its ever-ascending tiers of electric flames between two diverging wires; electric pinwheels with their exciting gyration of sparks; electrostatis generators demonstrating lightning and St. Elmo's Fire; and on and on. As with Tesla, his spiritual mentor, this young hobbyist always strived for bigger and better effects. The way in which they were constructed displayed a certain sculptural quality reflecting the Art Deco style of the period. And so it was, that around the year 1930, the great megaphone of Hollywood called his name.

When Strickfaden arrived in Hollywood his peculiar talents were immediately put to use for minor electrical effects in a number of movies. The advent of sound in the movies certainly opened the door to many creative and exciting possibilities for such effects as those presented by Strickfaden. His first film job was to produce a realistic sound of a condemned man being executed in the electric chair. Two thousand volts repeated four times, with five hundred volts in between, has been the grim procedure required for this execution. To obtain this sound he passed a high frequency current through a block of wood. The wood offered a resistance to the current and made a sizzling noise with a resulting wisp of smoke that drifted lazily across the set. After this ominous debut he was then assigned to blow up a tree with a bolt of lightning. This was relatively simple. He ran some wire up a prop tree. The wire was connected to a high voltage generator. When it was turned on there was a flash of light and the tree crashed, demolishing in its path a native hut. For another film he rigged up a rotary spark gap for a wireless station sound effect on board a ship. An appropriate sound resulted when he condensed a high voltage spark. The electrical stunts became more difficult when he was called upon to build a machine supposedly capable of emitting a ray that would interfere with the ignition of an automobile. The ray machine was a box-like cabinet composed of various lenses, bulbs, coils, and dials. Although it was only a prop it appeared as though it was capable of strange activities such as emitting all kinds of rays.

In early 1931 a film version of Mark Twain's *A Connecticut Yankee in King Arthur's Court* was released by Fox. This was the first sound version, with the title shortened to A CONNECTICUT YANKEE; it starred Will Rogers Strickfaden created for this film a gigantic and mysterious radio set that supposedly had the power to bring back the sound of past ages. He called it "the retrogressive wave charger". When it was used in connection with a high frequency generator it produced artificial lightning.

The film with which Kenneth



FRANKENSTEIN showing some of the gadgetry invented by special effects wizard Kenneth Strickfaden.

Strickfaden has been most closely associated is Universal's classic horror production, FRANKENSTEIN (1931). The script of FRANKENSTEIN called for a laboratory where lightning from the stormy heavens would be captured and channeled down into the inanimate monster (Boris Karloff), restoring him to life. For this Strickfaden built an ap paratus based on the principle of the horn gap and designed it as the "Lightning Bridge". He was aided in the construction of this and other laboratory gadgetry by Raymond Lindsay and Frank Graves. Raymond Lindsay usually worked as "chief electrician" for a firm called "Scientific Films, Inc." Frank Graves had worked for Universal Studios since 1915 as their "chief electrician" The construction of this particular set with its "lightning bridge" and other flashy effects necessitated moving half a ton of equipment over the Monster's operating table. It was very difficult for the three electricians to work up there as they did during the famous life creation scene. According to Boris Karloff, in an article called "Memoirs of a Monster" (*Saturday Evening Post*, November 3, 1962), he was quite uneasy doing this scene. Karloff lay half-naked, strapped to that operating table and directly above he could see these "special effects men brandishing the white-hot scissors-like carbons that made the lightning." Karloff concluded by saying that he "hoped that no one up there had butterfingers!" Rumors about this fantastic set and its electrical effects made people curious. As a publicity stunt, Universal invited people from all over the area to come to witness the electrical pyrotechnics of the Frankenstein creation scene. This, and Boris Karloff's makeup as the Monster, gave the film its long celebrated trademarks.

Next there was a low-budget film called MURDER AT DAWN (Big 4-1932), and "old dark house" mystery, where Strickfaden built a device used to harness the sun's energy. It was called a "DXL Accumulator".

After this he worked on CHANDU, THE MAGICIAN (Fox-1932) starrring Edmund Lowe and Bela Lugosi. This was a silly, but rather artistic, occult thriller directed by the set designer, William Cameron Menzies. Strickfaden's contribution to this production was a disintegrating death ray. Studio officials wanted sparks to appear all over the large ray gun, and as the infernal machine was destroyed, the barrel was supposed to melt and an electrical control handle burn off and fall to the floor. To accomplish this, huge amperages were needed to produce instantaneous heat, and a complicated and delicate resonator apparatus was used to create a spark six feet long. For this scene to be photographed it was necessary to hoist the apparatus overhead, thus making matters very difficult. The ray gun, and its photography, provide one of the most memorable scenes in this movie.

A much more spectacular picture, made with Strickfaden's electrical effects and properties, appeared toward the end of 1932. This was THE MASK OF FU MANCHU produced by MGM. Boris Karloff, on loan to MGM by Universal, portrayed the evil Oriental scientist. During a scene in this picture Karloff as "Fu" was to transfer a six-foot 1,500,000-volt arc from the ball terminal of a piece of strange apparatus to the presumed sword of Genghis Khan as a test of its authenticity. Approaching the roaring machine he was to calmly intercept the awesome spark on his long Chinese fingernails and channel it to the sword. If this was truly the sword of the Great Khan it would not melt but would withstand the high amperage. For this purpose a sword made of brass and another made of gilded wax and magnesium powder were employed.

Strickfaden was required to double for Karloff in the sword-testing scene. Karloff would have no part of this stunt which he considered too dangerous. Trick photography was ruled out for the scene, so Strickfaden, who occassionally doubled actors in handling his electrical devices, dressed up as Fu Manchu taking

every possible precaution. A wire concealed under the Oriental costume was run from long copper fingernails to the resonator apparatus ground through a safety gap. At this point the director called for action. A low hum from the apparatus grew louder as the arc developed from the electrode to the tips of the copper fingernails. The spark was reaching its full intensity and Strickfaden was on the verge of tranferring it to the sword when, suddenly, he did a convulsive back flip with the fire still flowing from his fingernails. Immediately the electricity was shut off, the camera stopped rolling and the stunned man was helped to his feet. The problem was soon detected. It was a smoking cable that carried 70,000 volts from the transformer to the rotary gap. The cable had been punctured. An ensuing arc was formed across the flooring to a pipe underneath. The circuit was completed up through Strickfaden's body along the wire on his arm to the safety horn gap which broke the circuit and averted possible electrocution. After repairs were made and the cable moved, a final take was completed without further difficulty. The only sensation experienced by Strickfaden during this incident was that of a strangely painless flash of light. However, his back became sore and this lasted for some time.

One other spectacular, fantastic prop used in this film was an electrical death ray gizmo. In the climax of the movie, Fu's infernal machine goes haywire and destroys him and his followers. This contraption was very similar to the disintegrating death ray in CHANDU, THE MAGICIAN.

Then along came the preposterous serial called THE LOST CITY (Krellberg-1935) utilizing such Strickfaden equipment as a large death ray, a machine to destroy people's wills,



Some of Strickfaden's most spectacular special electrical effects appeared in THE MASK OF FU MANCHU (1932) — especially the scene where Karloff transfers a powerful electrical spark from his hands to the sword of Genghis Khan. Here, Karloff and Myrna Loy examine a Death Ray Machine.

television, and miscellaneous gadgets.

Later in 1935 a sequel to FRANKENSTEIN was released by Universal. This was BRIDE OF FRANKENSTEIN making use of practically all the same lab equipment used in the original 1931 production.

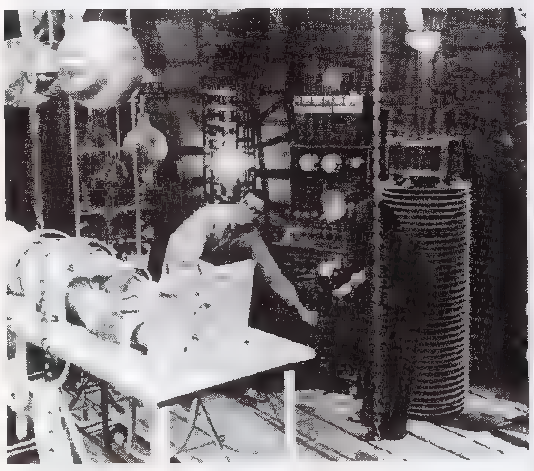
During the next year, 1936, Strick faden did work for at least three productions. He equipped two gadget-laden serials. For the serial, FLASH GORDON (Univ.-1936), he fitted out the laboratory used by Dr. Zarkov on Planet Mongo. More lab equipment and gizmos were in the serial THE CLUTCHING HAND (Stage & Screen-1936). And strangely enough his equipment was used to stock another mad scientist's laboratory; this time for a B-western entitled THE GHOST PATROL (Puritan -1936) starring Tim McCoy.

There have probably been other films and serials made in the Thirties where Strickfaden and his equipment have been involved. Sometimes his name is seen in the credits and other times it is not. But his equipment is usually recognizable. Among many films with equipment resembling Strickfaden's are the serials THE VANISHING SHADOW (Univ.-1934), THE FIGHTING DEVIL DOGS (Republic-1938), and features SON OF FRANKENSTEIN (Univ. -1939) and THE DEVIL BAT (PRC-1941).

Strickfaden's initial stint in Hollywood seems to have ended by the Second World War. No sign of him can be discovered until long after that period. With changing styles and the possibility of over-exposure of his equipment in so many films, his services may have been phased out to make way for fresh talent.

While working in Hollywood Strickfaden also carried on a sideline activity Between pictures he would load up his movie props and high voltage apparatus on a custom trailer of his own design and take them on tour. His electrical circus included music over light beams, electric snow, artificial lightning, photo electric and gaseous tube effects.

Kenneth Strickfaden, now well into his eighties, still travels around California with his collection of electrical gadgets giving lectures and demonstrations at high schools and colleges. His name and reputation grow more popular with film buffs every year. About ten years ago he was called upon by Hollywood to once again render his peculiar talents and equipment in the production of several films. In the lurid, low-budget horror picture entitled DRACULA VS.





Two shots of the fabulous Strickfaden designed laboratory in FRANKENSTEIN. Much of this equipment was used later in THE BRIDE OF FRANKENSTEIN (1935) and more recently in Mel Brooks' YOUNG FRANKENSTEIN.



Fu Manchu wields the sword of Genghis Khan.

FRANKENSTEIN (Independent-International—1971) he created some fresh special effects involving a magical lightning ray ring worn by Dracula. A few years later he allowed his original Frankenstein equipment to be used again for the laboratory scenes in the Mel Brooks' comedy, YOUNG FRANKENSTEIN (20th Fox-1974).

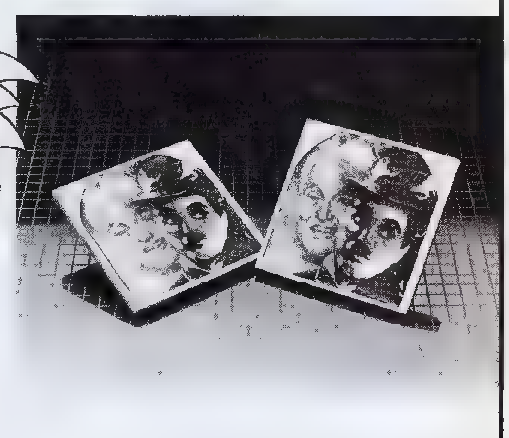
Recently it was learned that Ken Strickfaden had moved and changed his telephone number. People had been calling and writing to him from all over the country asking him if he wanted to get rid of his machines. This is probably insulting to him since he must obviously cherish these gadgets (as well as his privacy).

The kind of films that incorporated strange electrical effects always made a difficult job for a technician like Strickfaden. These films called for authentic apparatus that would perform sensational displays usually possible only in large electrical research labs furnished with expensive equipment. Not all the gadgets seen in these movies, however, were required to work — many of them just sat around filling in space and looked atmospherically impressive. Strickfaden was expected to have in stock a wide array of every kind of apparatus that might be needed. If he did not have it he would go home to Santa Monica and build it overnight. Many pieces of apparatus were used over and over again in different films, sometimes slightly altered or disguised. Quite a few of these pieces were originally used in the 1931 FRANKENSTEIN picture. Strickfaden did have names for some of these things such as the "DXL Accumulator", "Lightning Screen", "Dynascope", "Retrogressive Wave Charger", and the "High Amperage Pyrogeyser". And they've all glowed, pulsated, hummed, crackled, and sparked their way into the hearts of millions of movie fans for over the last half century.

William Ludington lives in Silver Spring, Maryland.

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Expiration Date: _____





Kenny Strickfaden - Nebulaumm Planetarium College
12-31-0.



HISTORY KEN STRICKFADEN

1896 BORN ANACONDA MONTANA. MAY 23

1908 ASHLAND ORE. 1ST. ELECTRIC SHOP IN DAD'S APPLE STORAGE CELLAR
1909 FRUIT ORCHARD 15 A. APPLES, PEARS, PEACHES, BERRYS, PIGS, JACK RABITS.
1910 HALLEY'S COMET
1911 PARENTS DIVORCED; 3 BROS. FRANK + CHARLES WITH MOTHER. KEK W/ DAD.
1912 TO SANTA MONICA CA. WITH DAD IN 1908 MODEL T FORD 5TH + CAL. STS.. SMHS. SHOP. REC. DR. TRACK.
1913 SANTA MONICA SUPPLY CO. SHOP. TESLA COIL. WIRELESS. HOME WORK SHOP.
1914 TOM RIDER & RAY SHOP. L.A. RIDER'S SHOW. VENICE PIER. TESLA COIL. GLASS BLOWERS.
1915 BRAUN CORP. $1.00 PER DAY MINING EQP. SHOP. L.A. COLISEUM STATE 2ND PLACE. MILE.. BROAD. BUGLE CALLS ON TUNED ROTARY GAPS. PHOTOS. SM BAY, PIERS.
1916 GRAD. U.S MHS. "MELODIA" WILLARD CO. VENICE PIER.

1917 PANTAGES + ORPHEUM CIRCUITS W/ WILLARD'S TEMPLE OF MUSIC. LUNA PARK CONEY ISLAND. 1912 FORD FROM WILLARD $150.
1918 JOINED USMC. A.E.F. SIG. CORPS. MACHINE GUNNER. PHOTOGRAPHY. FIRE GRENADE INJURY TO R. HAND. BUILT CANOES. ST. NAZAIRE.
1919 ARMISTICE. REMODELD 1912 FORD. TRIP TO S.M. EVAN ALLEN TOBIAS WESTON CO. PU

1920 EARLY SM PHOTOS. ELEC. GAMES.

1921 MARRIED GLADYS WARD. BIBLE INS. L.A. METROPOLITAN STUDIO SHOP

1922 FORD MOTOR CO. H+H. ARMACOST NURSERY. OLESON LBR. CO. CONSTRUCTION CEMENT MIXER JOCKEY, UNIVERSITY H.S.
1923 CAROL BORN AUG. 24. DOUGLAS CO. WILSHIRE "HOLLY STUDIOS" OPEN HEARTH
1924 BRAZING. ROUND THE WORLD CRUISERS PHOTOS OF EVENTS. ARMY RESERVE CO.
1925 ELEC. GAMES. SPEED BOATS VENICE PIER. PHOTOS.
1926 MARILYN BORN MAY 13. YMCA BOYS CLUB. SM HILLS. PHOTO. LASKY FILM STUDIOS "WINGS" ROY POMEROY.
1927 FOX STUDIOS W.L.A. OTTO K. OLESON. 36" SPERRY SEARCH LITES. "HUNCH BACK OF NOTRE DAME!" "PHANTOM OF THE OPERA" HOOT GIBSON.
1928 UNIVERSAL S. BILL DYER. LIGHTNING TORCH RESTORED. ELEC. SHOP 15TH ST. INHERITED WILLARD'S MUSICAL DEVICES. 84 TRUNKS. UNIV. STUDIOS.
1929 "ZOMBIE PEOPLE". "CLUTCHING HAND" "BUCK ROGERS" "SHOW BOAT" CALIOPE RESTORED.
1930 "JUST IMAGINE". (FOX) "MYSTERY LINER" "CHANDU". "CONN. YANKEE" WILL ROGERS. "SIX HOURS TO LIVE" WARNER BAXTER. "DR. X"
1931 ORIG. "FRANKENSTEIN" RAY LINDSEY OPERATOR. ED KEYS PROP MASTER JOHN FULTON, ART DIRECTOR. [redacted].
1932 "DR FU MANCHU" DOUBLED FOR BORIS KARLOFF. H.V. SCENE.

1933 853-26TH SM. CARTHAY CIRCLE RAOUL WALSH PREMIERE. SEARCH LTS. LIGHTNING TORCH. 1ST LECTURE TOUR

1934 "VANISHING SHADOW" MONARCH PROD. HAROLD LLOYD ST. MONOGRAM S.
19.
1934 KTTV SHOW INVISIBLE RAY

1935 UPS "BRIDE OF FRANKENSTEIN" "PHANTOM EMPIRE" LECTURE TOUR ARIZ.
"LOST CITY", PALACE OF ELEC. "ZOMBIES" "LOST CITY." HARRY REVIERE DIR.

1936 PAN PACIFIC AUDITORIUM. ELECTRICAL AGE EXPOSITION. PALACE OF ELEC. S.D.
PALACE OF ELEC. SAN DIEGO. PG+E. 750000 SEASON. 88% INCREASE.

1937 VIRGINIA PARK L.B. "FLASH GORDON" PARAMOUNT. COLUMBIA. REPUBLIC. ICE FOLLIES. FLASH G
"MAN FROM MARS" L.B. VIRGINIA PARK.

1938 "SON OF FRANKENSTEIN" UPC. "BUCK ROGERS." "DEVIL DOGS" REPUBLIC.
"DR. SATAN" REPUBLIC "WIZARD OF OZ" "MGM. "WAR MONSTER"

1939 LECTURE TOUR. NBC COLOR CHAIN.

1940 SAN FRANCISCO. PG+E. TORONTO. SPRINGFIELD. EXPOS.

1941 DISNEY. MGM "GHOST OF FRANKENSTEIN" "FANTASIA" DISNEY. KPAS TRANSMITTER
SCHOOLS. MGM SOUND SHOP.

1942 MGM SHOP.

1943 "FRANKENSTEIN MEETS WOLFMAN" "BAT MAN" "SHERLOCK HOLMES" SCHOOLS

1944 "HOUSE OF FRANKENSTEIN". SHOWS. FRANK J. STRICKFADEN DIES 4-2-44

1945 ARIZ. LECTURE SHOWS. "MAN HUNT ON MYSTERY ISLAND" "HOUSE OF DRACULA"

1946 "DEVIL BAT" PRC.

1947 SALT LAKE EXPO. HAWAIIAN ISLANDS. S.E. TOUR KLINE

1948 U OF KANSAS TOUR. FOLEY + BURKE SHOWS. FAIRS.

1949 "ABOTT + COSTELLO MEET FRANKENSTEIN". U. OF K. TOUR

1950 U. OF MIN. S.E. TOUR. NASSOUR.

1951 U. OF W. TOUR. FISCHBACK + MOORE NBC. COLOR CHAIN.

1952 U. WIS. TOUR

1953 WARNER BROS. S.E. STATES TOUR. "WAR OF THE WORLDS" PARAMOUNT.

1954 MGM. KTTV. FAIRS.

1955

1956 PARAMOUNT . RKO. NBC. PATHE'

1957 WB. COLUMBIA.

1958

1959 WB. U. OF K.

1960 RETIRE. IBEW PENSION

1961 STEVE ALLEN PARODY ON FRANKENSTEIN.

1962 HLWD. MUSEUM SOL LESSER.

1963 DE COURSEY ENG. CO. INDIAN COUNTRY TOUR.

1964 LAS VEGAS. LAS VEGAS. LAST FRONTIER. "HOLWD. HALL OF FAME". VINCENT PRICE.

1966 LAS VEGAS SANDS HOTEL. F. SENNES SHOW. HLWD. WOMANS CLUB.

1967 TEFLON. DUPONT SGT. PEPPER. GEO. BURNS. SELSNIC. MAGNAVOX MADE.

1968 MUNSTERS. FRED GWINN. UPC. GEN FOODS. PERSONNA.

1969 UNION CARBIDE. EVEREADY. "IMAGER MADE".

1970 FRANKY MEETS DRACULA. SHERMAN. J. CARROL NAISH.

1971 KABC "LIL ABNER". OBER SITZER MADE. PIANO MEC.

1972 UPC. "6TH SENSE" "ILLUSTRATED MAN" RUSS STEIGER ARTNR.

1973 MAGNAVOX. PETERSON. "FBI" BURBANK. NAT. CARBIDE. SM. PHOTOS 4 OILS. SML.

1974 TUCSON SCIFI SHOW. NUDELMAN. "FRANKENTRUCK" "CLONES" IND. STRANGE WORLD.

1975 "PERILS OF PAULINE". ANDREW STONE. J ROGER CORMAN. "FRANKY". PENN SMITH, TV.

1976 KAWASAKI. DICK AURANDT TV. MEDTRONIC NR.

1977 "MANITOU" "DALE TATE S.M. FX. COLE PORTER "OUT OF THIS WORLD"

1978 GLADYS WARD STRICKFADEN, SMHOSP. DIES EASTER SUNDAY.
"WONDER WOMAN" UPC. GREG AVER. "YOUNG EDISON. "STRUCK BY LIGHTNING
JACK ELAM

1979

1980 KEN BAILEY DIES. THROAT.

1981 MOTION PICTURES ARTS & SCIENCES. ACADEMY. BEV. HLS DOUG EDWAR
JOHN FOSTER, KEN. DICKAURANDT. JIM SHAFER. 30 DAYS SOUND STAR WARS.

1982

1983

1984

1985

1986

.1954 MGM SOUND SHOP. KTTV SHOW

.1955 DISNEY. DONALD DUCK'S BEAK SYNCHRONIZED. 1ST "ANIMATION" JOHN MILLER[MD]
DISNEYLAND CALIOPE RESTORED.

.1956 PARAMOUNT. BEN HAYES ELEC. SHOP. NBC. PATHÉ

.1957 KEN BAILEY SOUNDSHOP. W.B.

.1958 W.B. COLUMBIA.

.1959 W.B U. OF K. TOUR

.1960 RETIRE. 50YRS.

.1961 STEVE ALLEN PARODY ON FRANKENSTEIN

.1962 HLWD. MUSEUM. GOL LESSER. M. P. A+S TV. SHOW.

.1963 ARIZ. TOUR. DE COURSEY ENG. EVEREADY C. BOB WILLIAMS. VARIVOX MADE

1964 LAS VEGAS LAST FRONTIER. VINCE PRICE. HLWD. HALL OF FAME.
YOUNG FRANKENSTEIN. MEL BROOKS. CAPABLE COMUTER DESORT + SAM.

1965 LITTON ART CENTER. "LOST IN SPACE" IRWIN ALLEN. JUNE LOCKHART.
"MAN WHO FELL TO EARTH" BRITISH LION PROD. N.M. LOC. DAVID BOWIE.

1966 WOMANS CLUB HLWD. LAS VEGAS. ~~LAST FRONTIER~~. SANDS HOTEL. F.SENW
"HELLO AMERICA". "SHRIMPENSTEIN".

1967 TEFLON DUPONT. "SGT. PEPPER" GEO. BURNS. SELSNIC. MAGNALUX MADE.

1968 MUNSTERS. UPC. FRED GWINN. GEN. FOODS 'CHIPPOS'. PERSONNA BLADE

1969 UNION CARBIDE 'EVEREADY'. IMAGER MADE.

1970 FRANKENSTEIN MEETS DRACULA. SHERMAN N.Y. J. CARROL NAISH.

1971 KABC. TV. 'LIL ABNER'. OBERSITZER MADE.

1972 UPC. 6TH SENSE. 'ILLUSTRATED MAN' RUSS STEIGER. ART DIR.

1973 MAGNAVOX TV. PETERSON S. 'F·B·I.' BURBANK. NAT. CARBIDE TV COM.
SM. PHOTOS + OILS. SM LIBRARY.

1974 FRANKEN TRUCK TV. 'CLOWES' IND. 'STRANGE NEW WORLD'. PAC. TEL. PENNSY FRANK

1975 MILTON BRADLEY TV. 'PERILS OF PAULINE' ANDREW STONE. ROJER CORMAN.
KISS ROCK GROUP. TUCSON SCI FI SHOW. NUDEL MAN.

1976 KAWASAKI TV. DICK AURANDT. MEDTRONIS MIN.

1977 'MANITOU'. DALE TATE S.M. COLE PORTER 'OUT OF THIS WORLD'

1978 UPC. 'WONDER WOMAN' GREGAUER. '79 'YOUNG EDISON'. '79 'STRUCK BY LIGHTNING' JACK ELAM,
BOB HOPE SPECIAL. AMBASSADOR. GLADYS S. DIED. EASTER

1979 SCHICK SUN

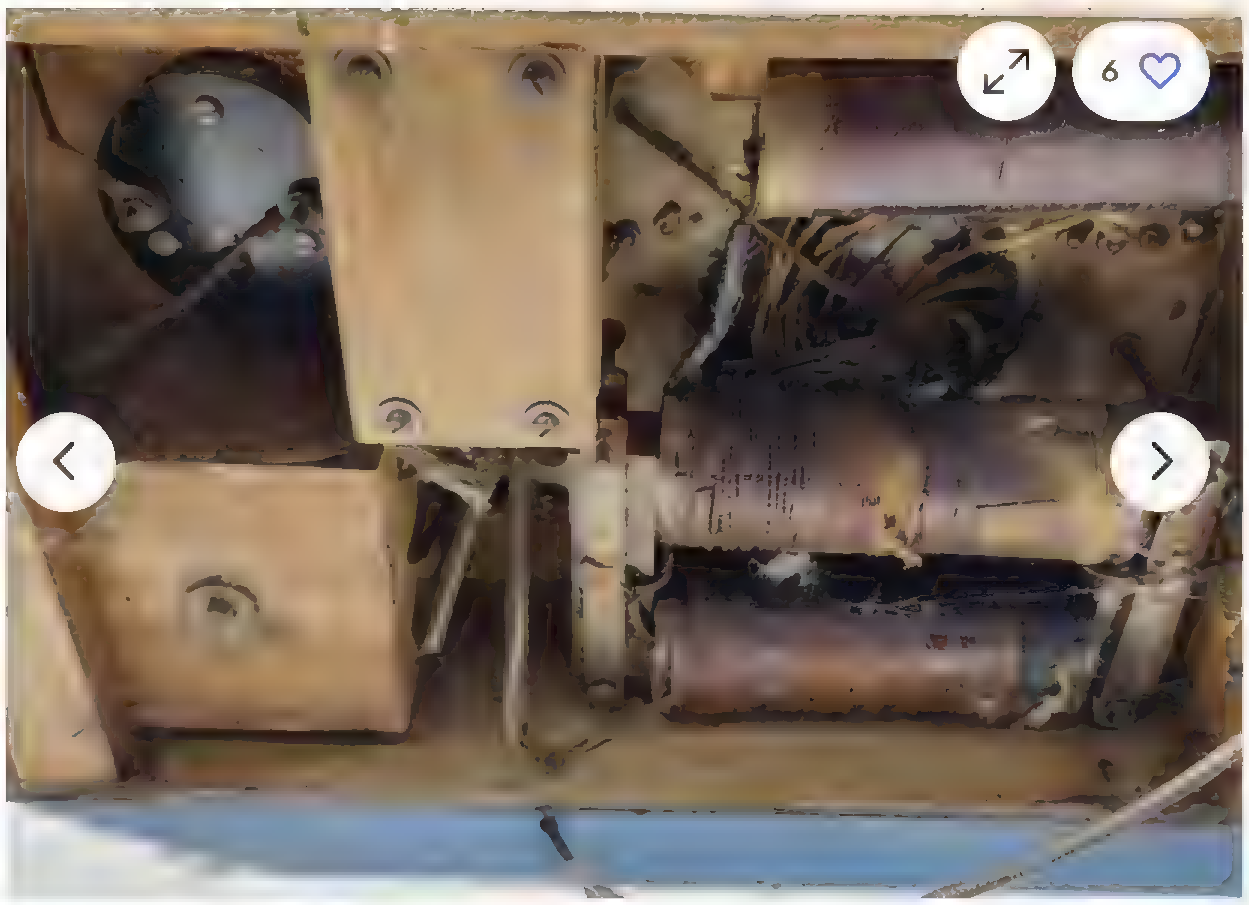
1980 KEN BAILEY DIES.

1981 M.P. ARTS + SCIENCES. ACADEMY BEV. HILLS. DOUG EDWARDS. JOHN FOSTER
DICK AURANDT. JIM SHAPER. 30 DAYS. STAR WARS. BEN BURTT SOUND EFFEC

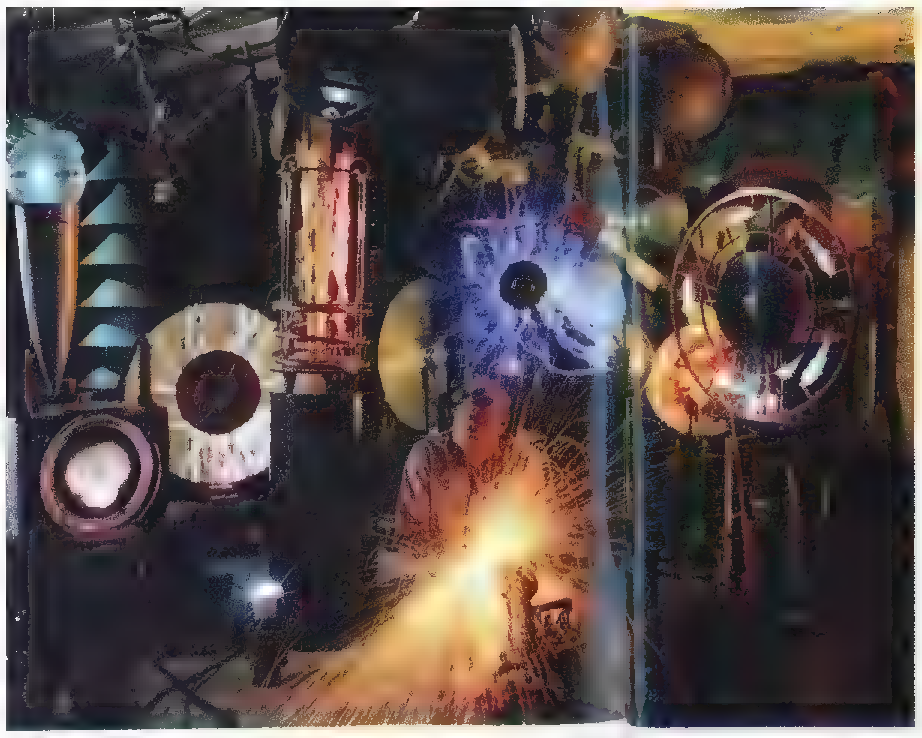
FIND DATES

ROS RUSSELL. JAMAICA. MAGNA LUX.
MONSTER SQUAD
MUSEUM. DRAWINGS TO CHICAGO.
"NEMO" "MAN FROM ATLANTIS" "MICHAEL CRICHTON DIR." "COMA"
NEW INSTS. "SCINTILLATOR" "SYNCTONY" "PROMETHEAN FLAMER"

2 ON TOWN


6


TO STEVENS-MOREHOUSE
JOSEPHO-BOY SCOUTS CAMP
Scale map of Will Rogers
Hide-a-way Cabin given
To S.M. Heritage Museum.
also photos of early
Cabin, showing
inside + outside
fireplaces
CARE TAKER'S, (PAULINE)
WILL ROGERS HIDE AWAY CABIN
OLD KIT CARSON CABIN
WATER



Sitting in the garage of his Santa Monica, Cal., home, surrounded by lathes, drills, motors, books and file cabinets, Ken Strickfaden, 70, insists his electronics special-effects business is now a hobby. "It's a hobby I can ride instead of the hobby riding me. However, I sometimes ask myself, 'Why am I doing this when the lawn needs mowing.' My wife also asks that."

'Retired" since 1960, Strickfaden must admit that his business is more than a hobby. Though he is not as active as he used to be (he has been creating electronics magic in Hollywood since the days of silent movies), he still manages to throw off sparks, weird lighting effects and electronic flashes for movies and television more than occasionally.

At left he is shown working on some gaudy effects for *The Munsters*. The descriptions are his:

At the far left, the ball-like object on top of the cone is what Strickfaden calls a "brainwasher." It controls a mind the way a "mad scientist controls a zombie." Below this is an "aurora generator cyclotron," the purpose of which is to "create images that look like the Hollywood Bowl with teeth in it."

The flashing circle is a "lightning screen." "Each flash lasts 40 millionths of a second. . . . It's used for studying the human aura, the emanation from a human."

The object that might be the skeleton of a coffee urn, with flames inside, is a "plasmatron." "It's been used in a lot of movies as laboratory equipment that creates or gives life." And the spark-issuing 'pyrogeyser" in front of Strickfaden is so hot, he says, it "vaporizes **continued**

A LATTER-DAY MERLIN WHIPS UP MAGIC IN HIS GARAGE FOR 'THE MUNSTERS'



Herman Munster (Fred Gwynne) at the electronics panel. Left, Strickfaden

Grandpa (Al Lewis), through a glass dizzily.



Munster Magic/ continued

auto axles it doesn't melt 'em; it vaporizes 'em."

Though a visitor might grow a little suspicious, Strickfaden maintains a dead pan as he expounds. He goes on to say that while his inventions are put together with salvage materials—from parts of airplanes, cars, electrical gadgets—to him the end product is priceless and invaluable. "After all," he says, "this is my life's blood."

As for criticism, he brooks none. After all, who is to say him nay, no matter how erudite electronically. As he puts it, "I'm way out in the future. So nobody can question me and say something isn't authentic."

FOR THE RECORD

Western New York State Edition

New Network: The birth of a new commercial network was announced in New York last week—the fourth for the U.S. and the first since the establishment of ABC-TV 18 years ago. Daniel H. Overmyer, president of the Overmyer Company, Inc., giant warehouse organization, is chairman of the new broadcasting setup, the Overmyer Network—to be known as ON.

Scheduled to debut on the first Monday *after* Labor Day 1967, the network will feed its affiliates news, sports, public-service and entertainment programs eight hours daily.

Oliver E. Treyz, former president of ABC-TV, will be president of the new network. He was quoted as saying it would offer cultural programming of a type not now being offered by the regular networks, but he tempered this with a further statement that: "Our first objective is to be competitive with other networks."

Overmyer has lined up 35 stations thus far, expects to have 100 by debut-day. The Overmyer organization also includes six UHF stations, a newspaper, a bank and other enterprises.

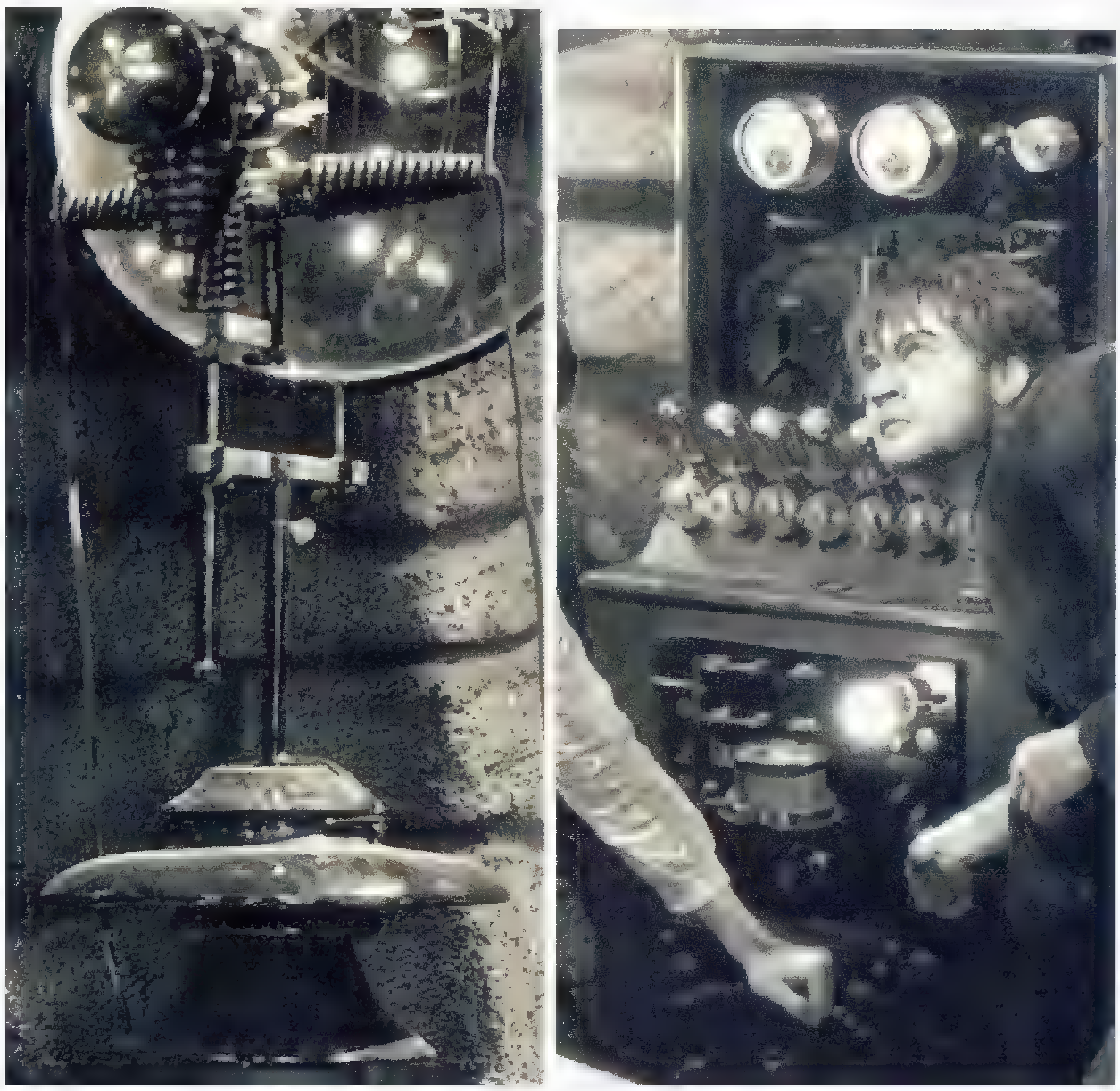
Jumping the Gun: ABC-TV, after vigorously exploring the possibility of starting its 1966–67 season one week earlier than the already announced Sept. 11th, said that it would definitely kick off Sept. 6, the day after Labor Day. In doing so, it will be repeating its 1963 and 1964 practice of starting its season ahead of its two rivals. Last year the debut race ended in a dead heat.

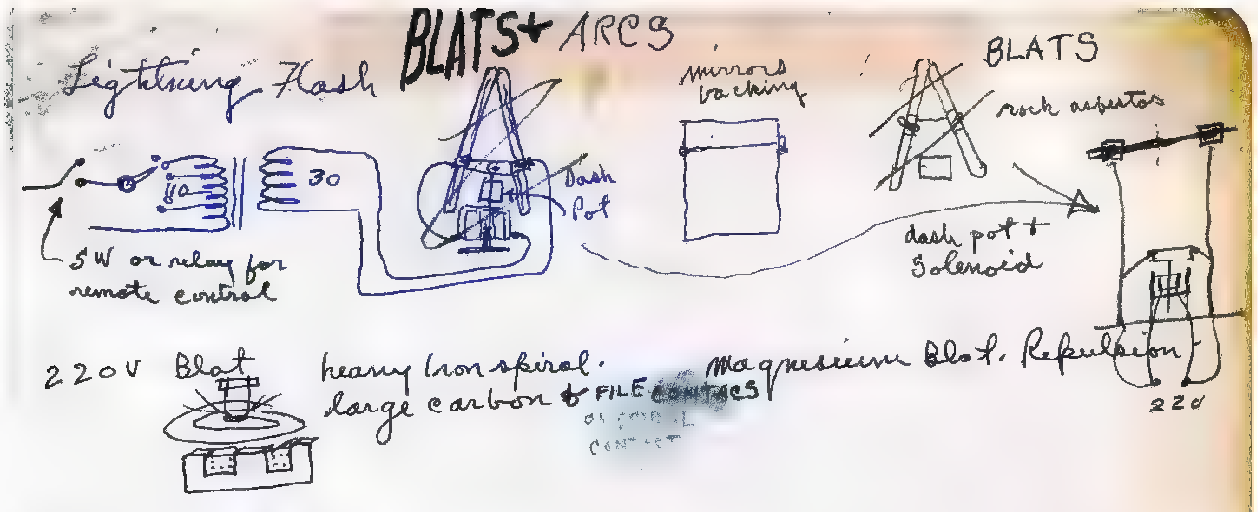
Oops! Slipped!: Two of television's more acrobatic heroes came a cropper at widely different points of the compass. Filming in Mexico City's Chapultepec Park, the newest Tarzan (Ron Ely), slipped while swinging from vine to vine, and was hospitalized for a broken collarbone and two fractured ribs. Thus far Ely has sustained multiple scratches and bruises, twisted an ankle, pulled a leg muscle and slipped a disc. Said he manfully from his hospital bed: "This could easily have happened to the real Tarzan." (The *real* Tarzan?) . . . And in New York, the city fathers, on behalf of creditors and for other considerations, were looking into the flop of the "Batman Concert," which, complete with Adam West and a regiment of rock 'n' rollers, had played at Shea Stadium before only 3000 people at each of its two performances. Two other shows were cancelled.

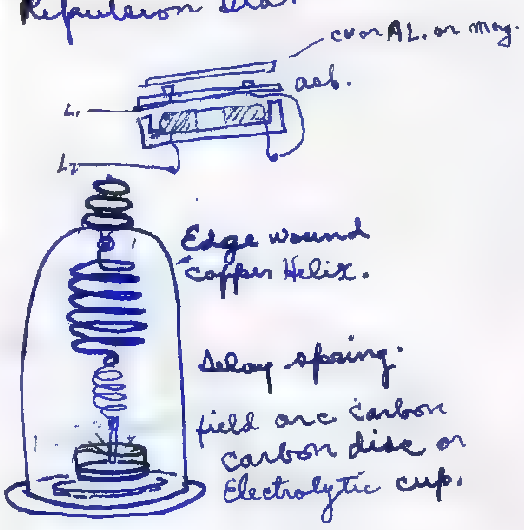
And Furthermore: The warm season in no way slowed down television's propensity for making news: Fred Friendly announced he was writing a book about his experiences with CBS News; Frank Sinatra and Mia Farrow announced their engagement; the NAACP chided *The Andy Griffith Show*, *Gomer Pyle* and others for their lack of integrated casts; CBS-owned WBBM-TV Chicago refused to accept spot advertising asserting that God is *not* dead, and Skitch Henderson said that he would be leaving *Tonight*.—*Henry Harding*

TV GUIDE / 504 Triangle Bldg. / Rochester 4, N.Y. / 454-3020

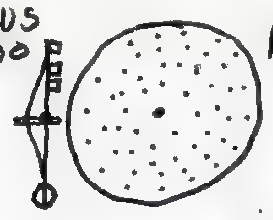
A-1




BLATS+ ARCS
Lightning Flash
30
5W or relay for remote control
Dash Pot
mirrored backing
BLATS
rock arrestor
dash pot + Solenoid
220V Blat
heavy iron spiral.
large carbon &
Magnesium Blat. Repulsion
220


Repulsion Blat
copper AL. or mg.
coil.
Edge wound
Copper Helix.
Delay spacing.
field arc Carbon
Carbon disc or
Electrolytic cup.

NOVUS ORDO



H.F. H.V. MUSICAL GAPS.
counter balanced Rotor

Trans' Repulsion auto Excursion.

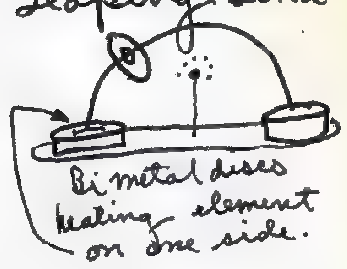


long core

T.A. using output of resonator

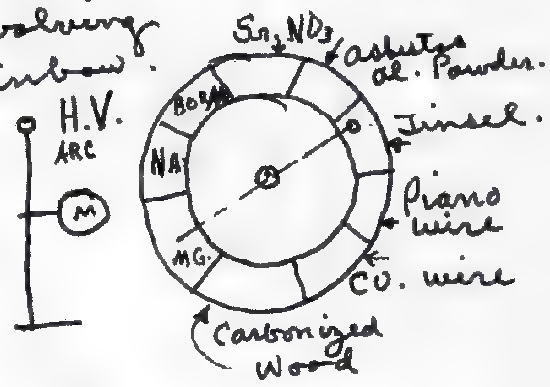


Trans ploder
Leaping Lena

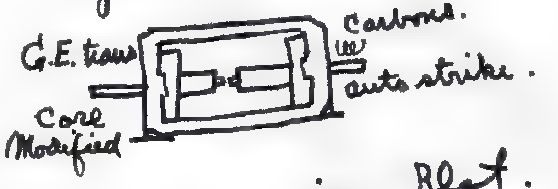


Bi metal discs heating element on one side.

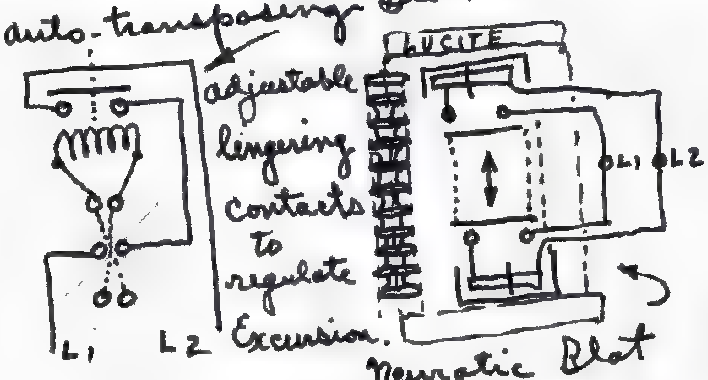
Revolving Rainbow.



cyclotron arc



auto-transposing Blot.



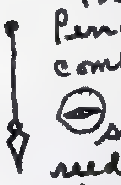
Neuratic Blot
Neurotron

Smellovision
Fireless Flame



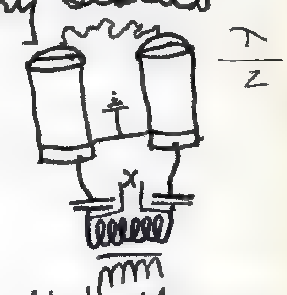
Fluorescent threads + strips. in U.V. lite.
Blower

Earth quake Predictor.



Pendulums; compass, Prism, barometer; swaying, sensitive reed like wires. hidden vibrator. and ½" coil.
Super Bowser

Jiny Jeolas

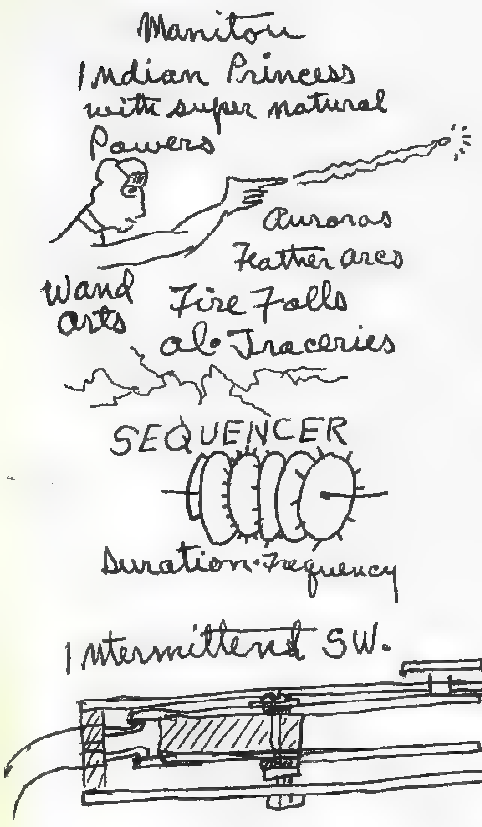


multiple throw crank shaft 5-6 flaming arcs

Vertical Rising UFO



GN Launch?


Manitou
Indian Princess
with super natural
Powers
Auroras
Feather arcs
Wand arts
Fire Falls
ale Traceries
SEQUENCER
Duration · Frequency
Intermittent SW.

MUSARIUM SCIENSHOW ELEXTRAVAGANZA 1962

FANTASCIENCE

VOLANSIGNIS FLYING FLAME

Musical Plates

AUTO HORNS

COCO COLAYOPE

PEPSI-C

Saw Melodium

Chorale Celeste

Thermonium

M B comb. PEC Pickup

Melodyne contented chromatics

Cosmichordium

Tuned rings

Glatones

Singing spheres. Pyro vox

Hum tickler frequency multiplier

Jumping Jokers Keyboard Operated

Pendulum lite.

Zero Integrator.

Celestron

FIRE FALL

Hyge Beat 220V Kilocyclone

Planetary Cosmobile

Rainbow rotor

Power Plants

Lightning screens

Snow Flake

Tesla Resonarium Series Reson. for T.A.

Dell Bello animated Miniature

Spectrotor Terpsimatrix

Aurora nebularium ILLUSIONATIONS

U.V. Fount

Fire Fount

Stratisphobile

Flying Saucers

Spookery Spectacle

illuminating illusions

Phos. screen Silhouettes

Prismascope Sonarlux

TESLA

Elec. lace al-pow-masonate

GHOST GLASS L.S.

Flaming Fantasia.

Kaleidoscope PROJECTOR

L.S.T.

space ship.

Juvin Resonators.

H.F.A

Sylvan Symphony

Pyrocyper

H.A.

atomic Cloud Projector Energjector

10 KV

Multiple Tones

Prismatichord Polarizon

A.C.C.

PS

Vulcanarium

CRO

GN

Spark Sprits. Vivid Vapours

Chromyx

Leaping Lena

Dance of the Electrons agitated atoms Molecular Marathasias

animatiscopes

Music Programmer

Spatsizer

Echodyne

Telesonar

Telesonic

Power Sw.

Foot Sw.

Keyboard

Relays

MSB

Solenoy

AUTOTAU

SPIRS

AMP









Kenny Tesla Coil
From

Frankenstein Meets The Wolfman
1943

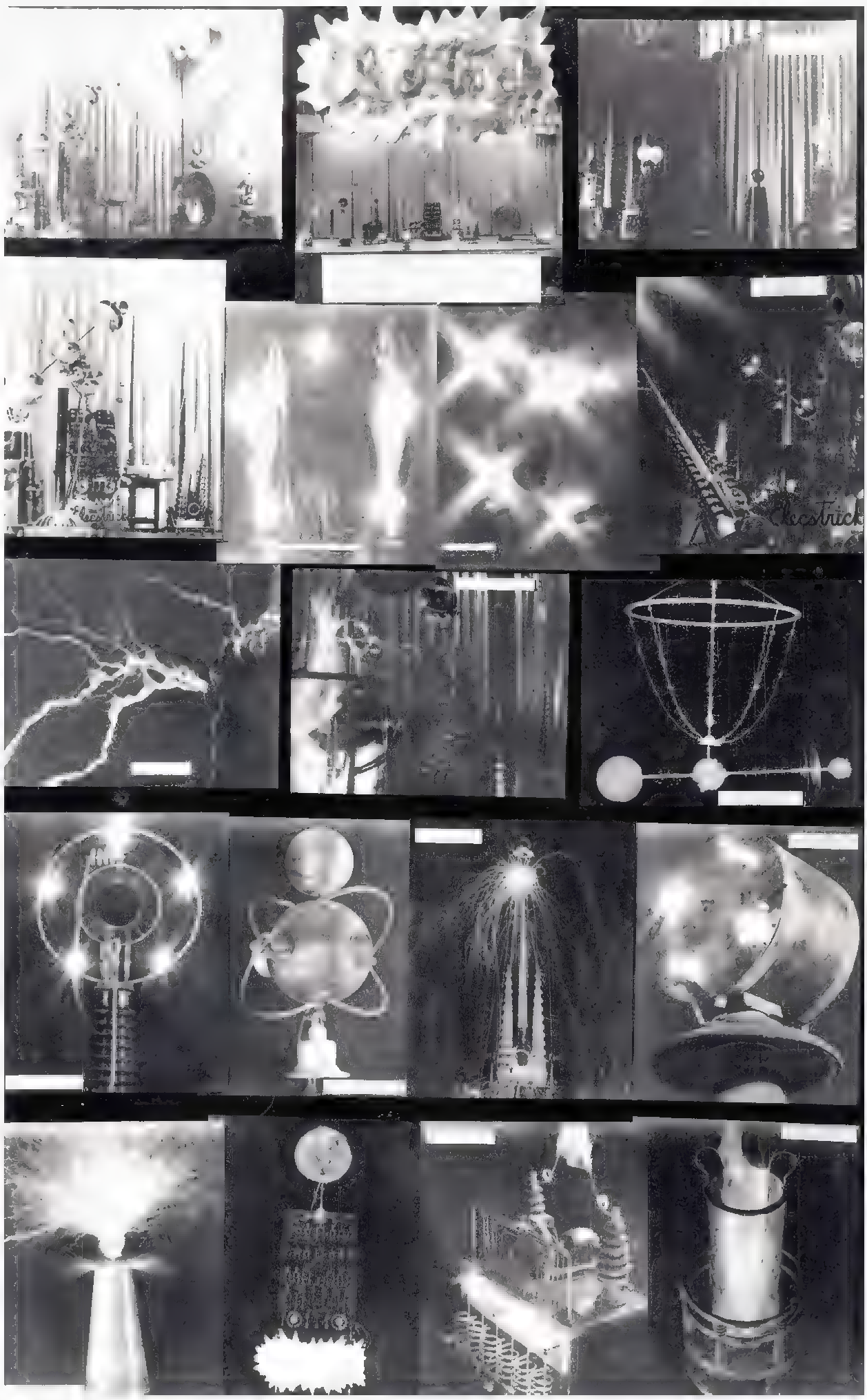


SMALL COIL.
52" TALL
22 DIA
50" of WINDING
62" of DISCHARGE
SPIRAL PRIMARY
1 - 0.0459 μfd CAPACITOR
3KVA TRANSFORMER WITH 110V INPUT
AND ABOUT 60-70 Amps.

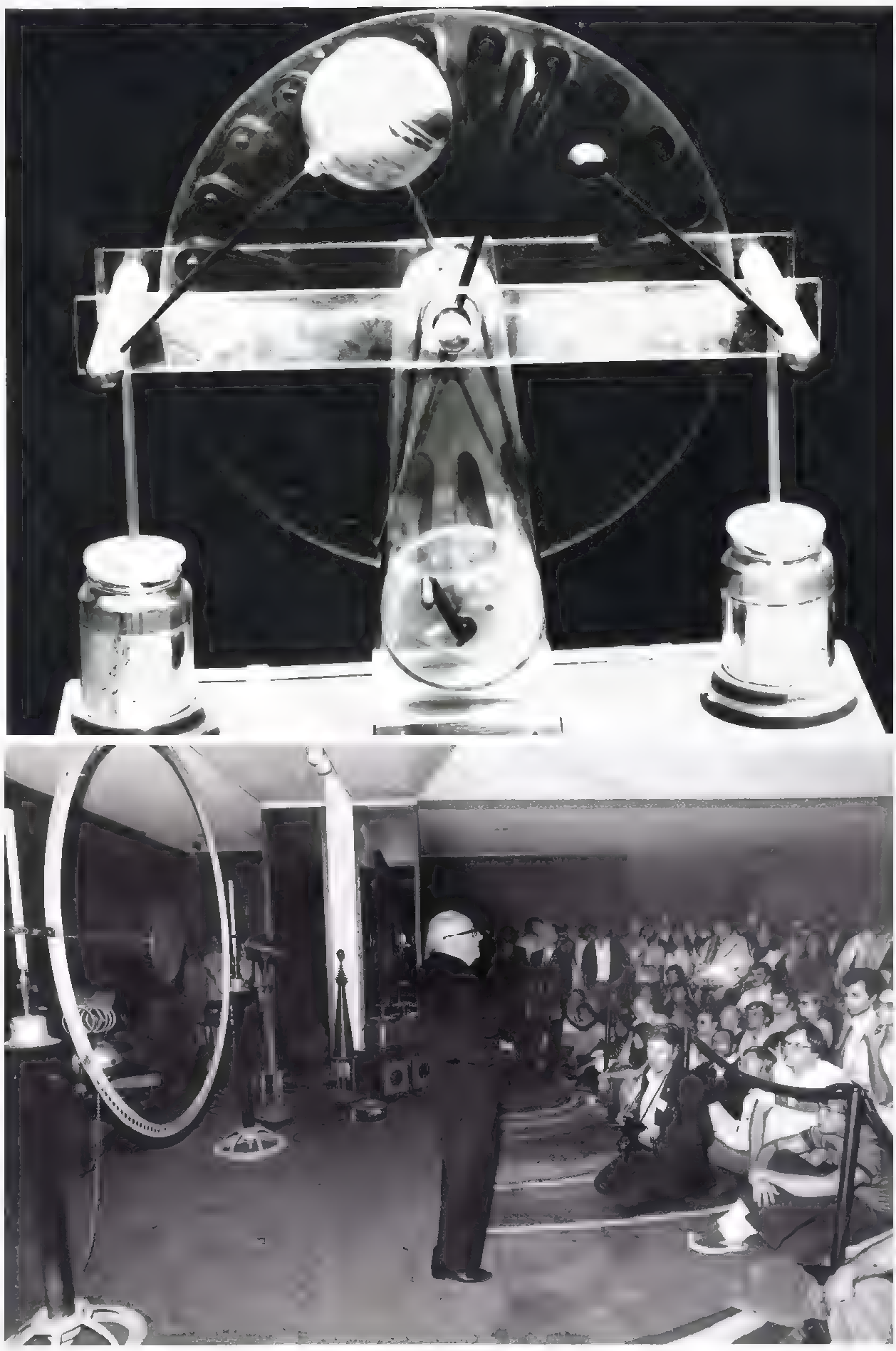
THIS SET UP IS THE SAME AS THE LARGE COIL.

THIS PICTURE WAS OVER DEVELOPED

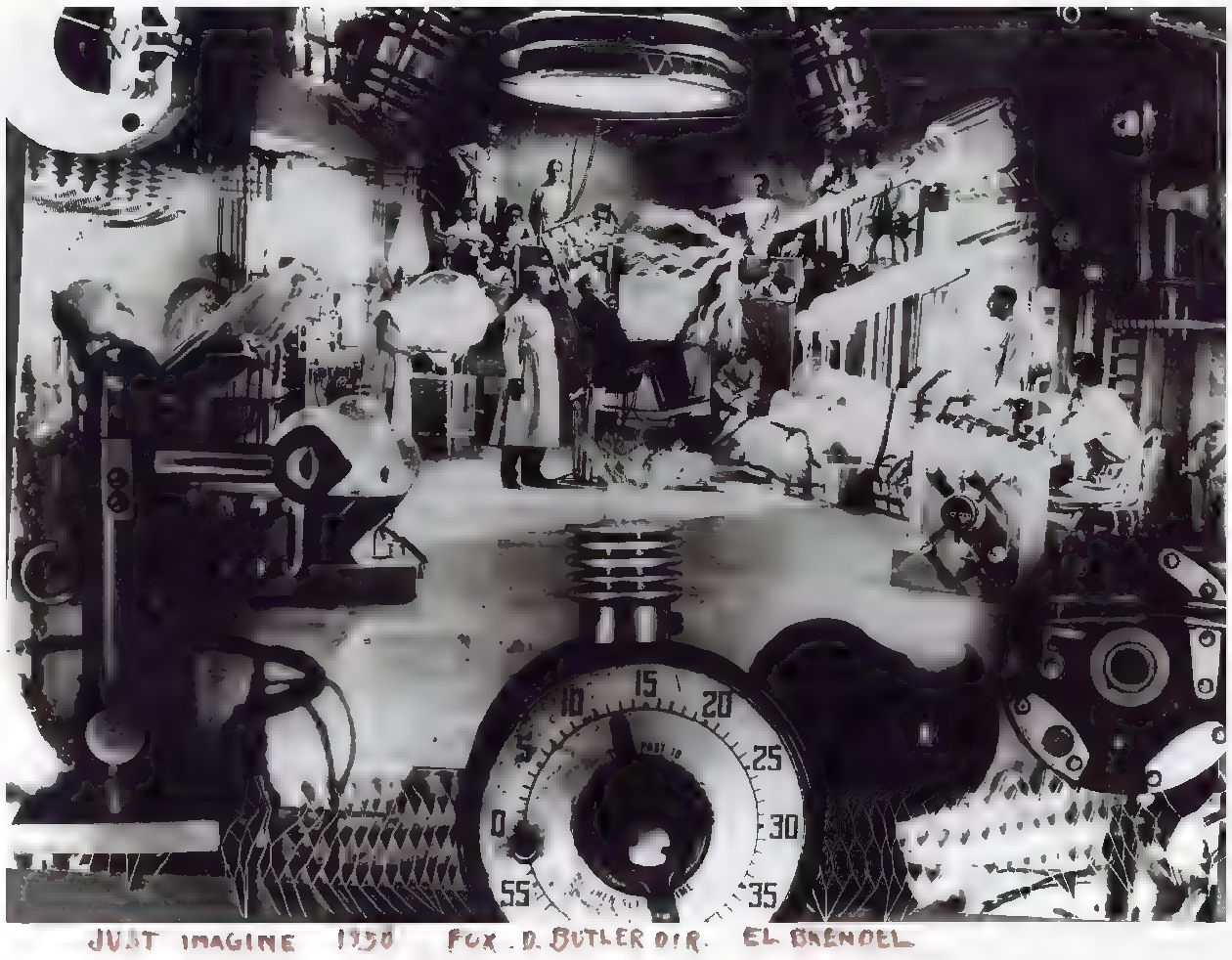




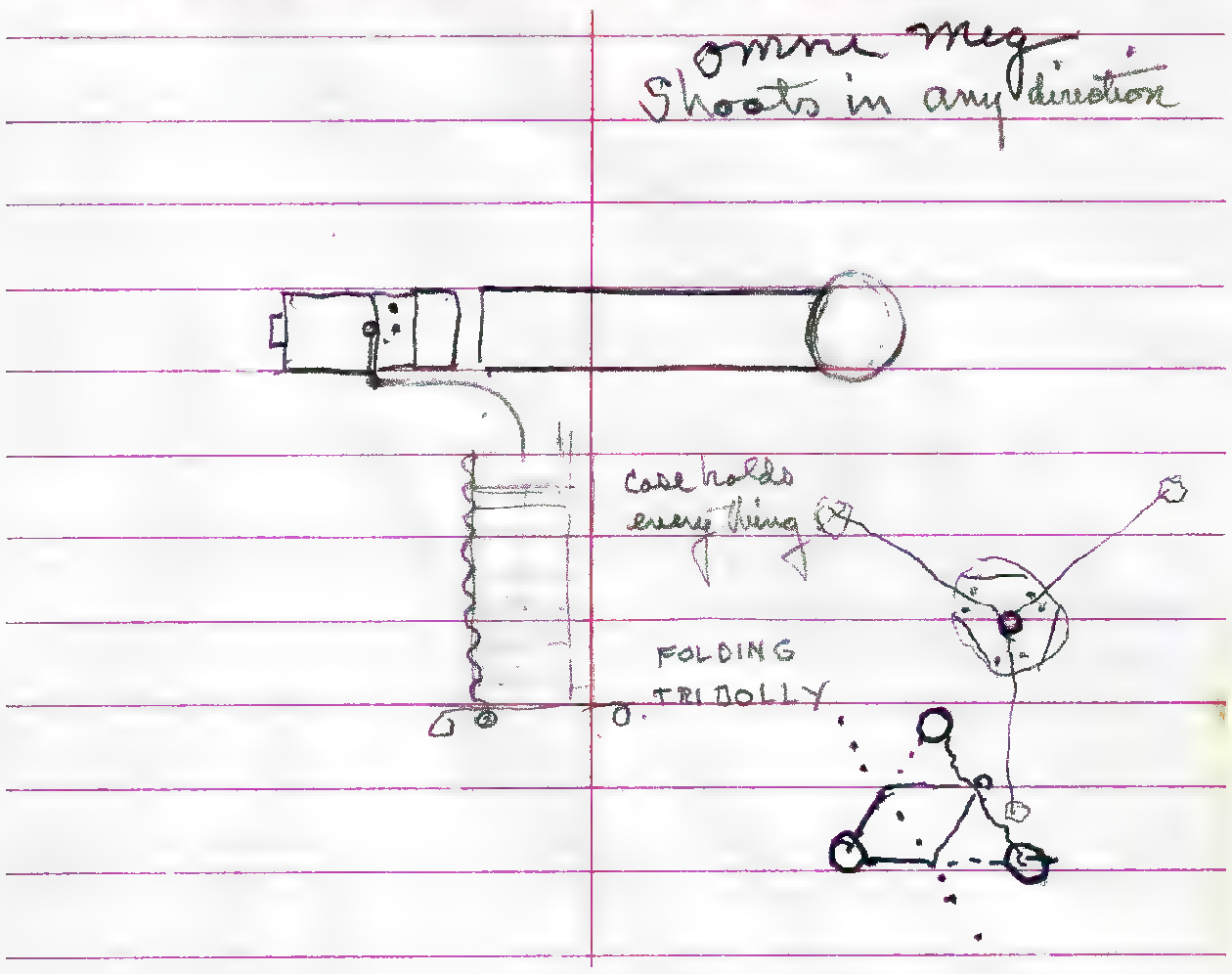

Electrick



ACADEMY SHOW NOV. 1981



JUST IMAGINE 1930 FOX. D. BUTLER DIR. EL BRENDEL

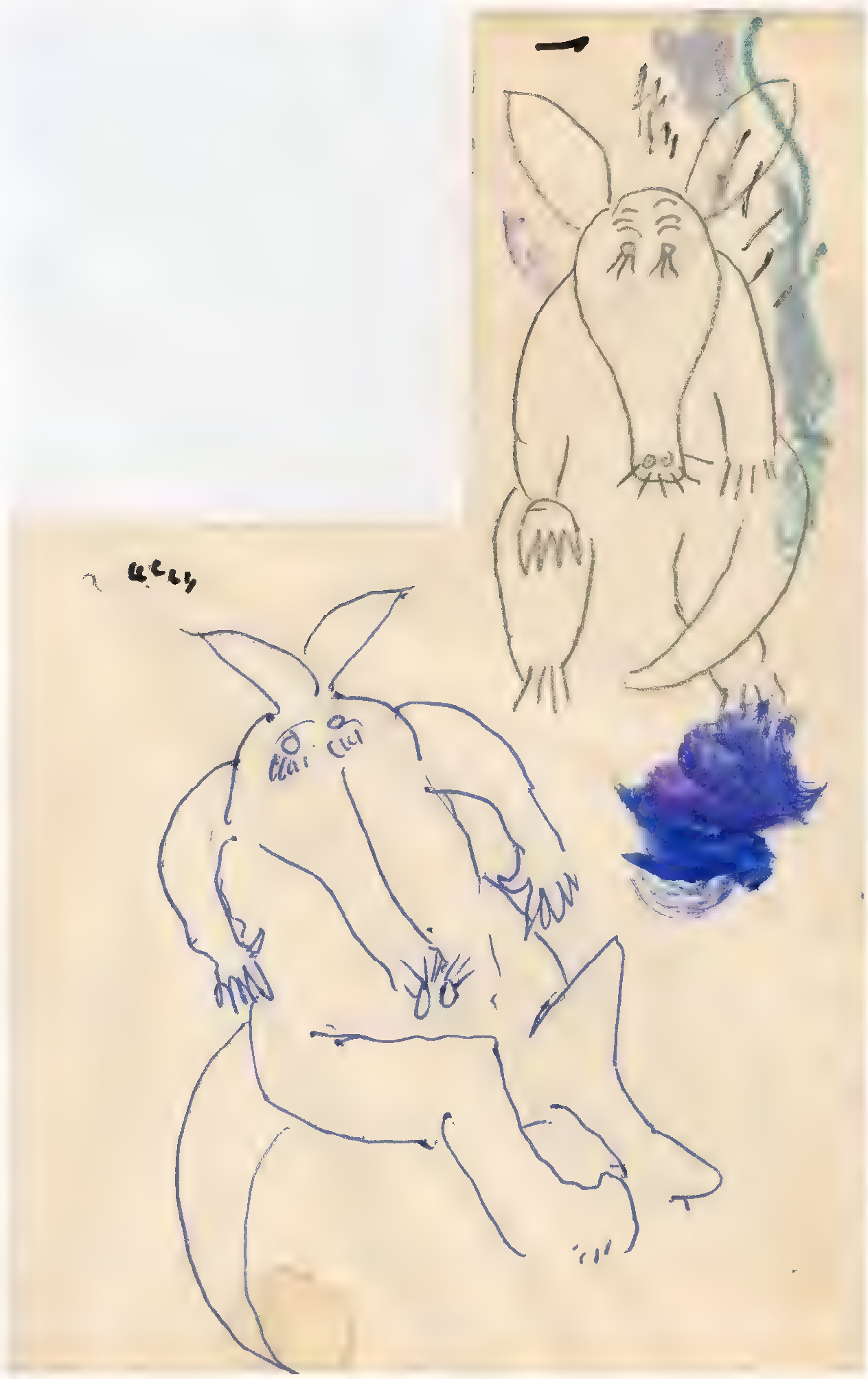



GLOONZE
FROM
EAST
THURP


AAVERTZ
FOUND IN JAVA


L S
DO IN BK GND


NEW ZEALAND
GWILP
FROM
TASMANIA.




SUPER BLAT
ARDIE
OVER


EAST INDIAN
HOOTSE
FROM
WEST
AKLAND

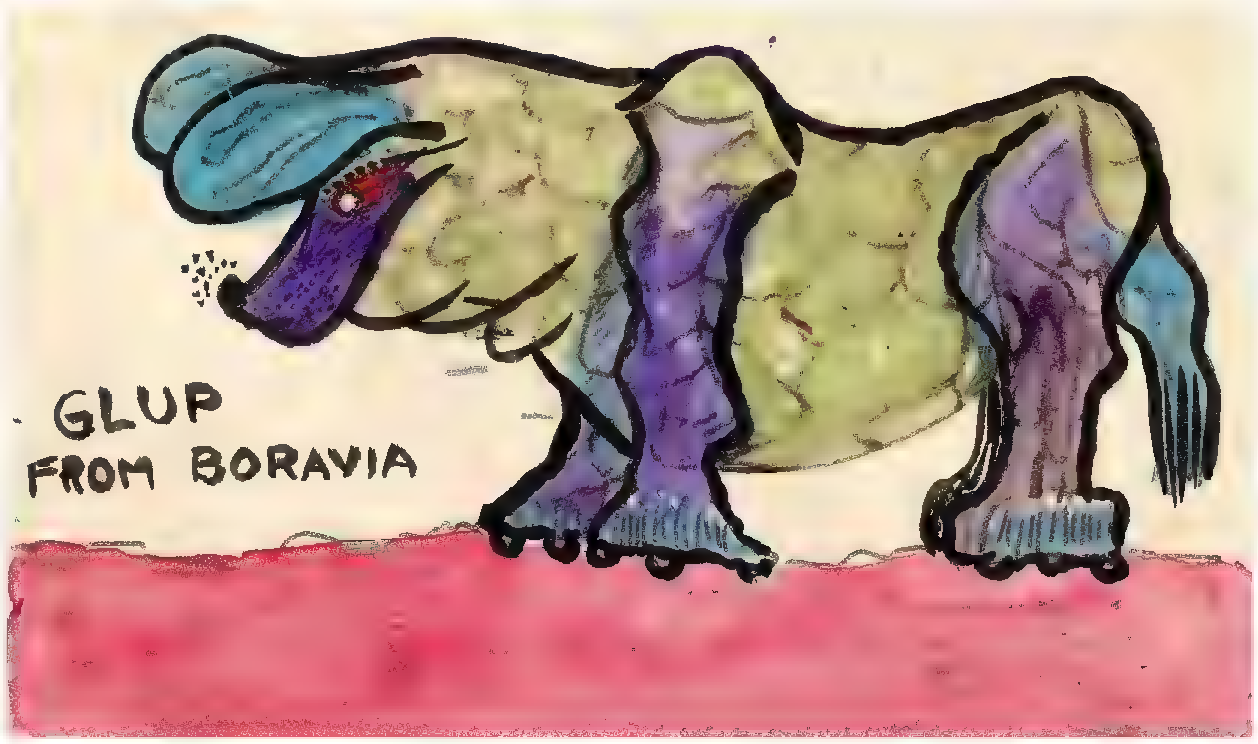




CHARLY
AARDVARKUS



MERATROYD
HAUNTED
LAGOON



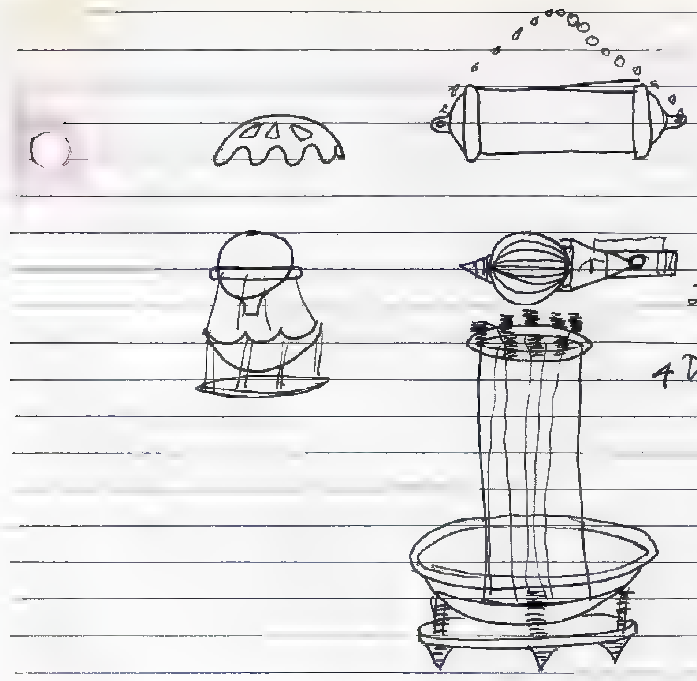

PROFFIQ FROM LORS


LEMURIAN
WHID


THUBIAN
WHIRX

AUTISSER
FROM
NORTH KIMTRU





Reaction generator.

Lens cone

4 Traveling arcs. colors.

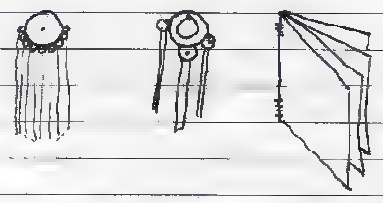
Vertical spring

Phos. bronze spring. contactor

Pendulum clock.

energizing coil

Libro grande.



(12)

feet to meters x 3.280, 1 M = 3.280ft., 1ft. = .3048 M
in To CM, 1" = 2.54cm.

RPM=

(15) (15)
Experimental rotary gaps: optimum results using 1800 RPM motor and 16 Points. (480 sparks/sec.) 30 RPS, 1 spark every 3¾ in

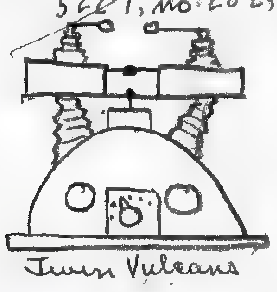
Tesla coil no 13

Sec. 1000M, 300KC

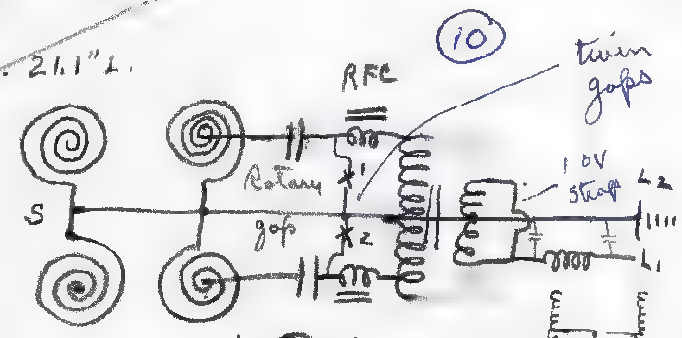
Dia 8"; 20.32cm
cir. .638M

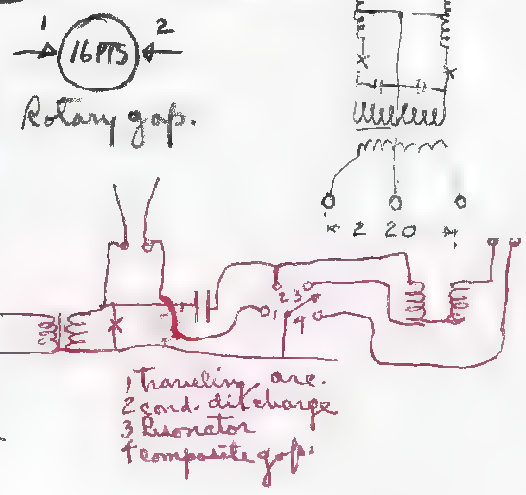
522 T, no. 20 E, 20TPI. 21.1" L.

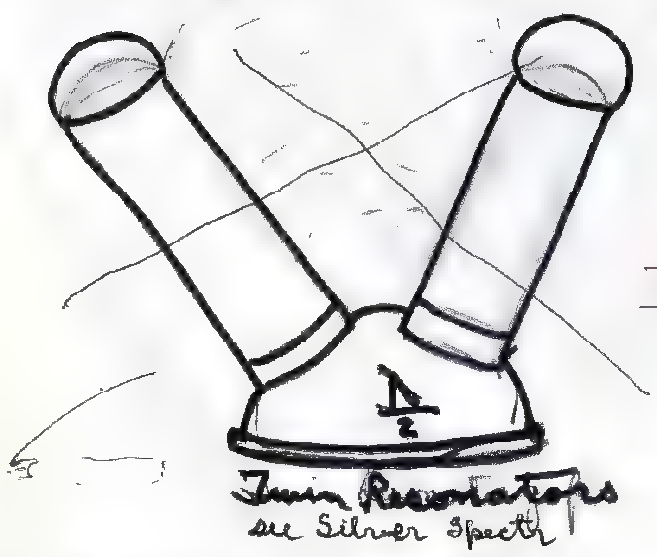
P 5 turns 1/4" cop tube, 10 uh, C = .02860 mf



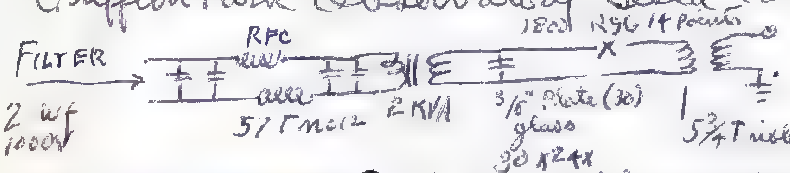
(10)



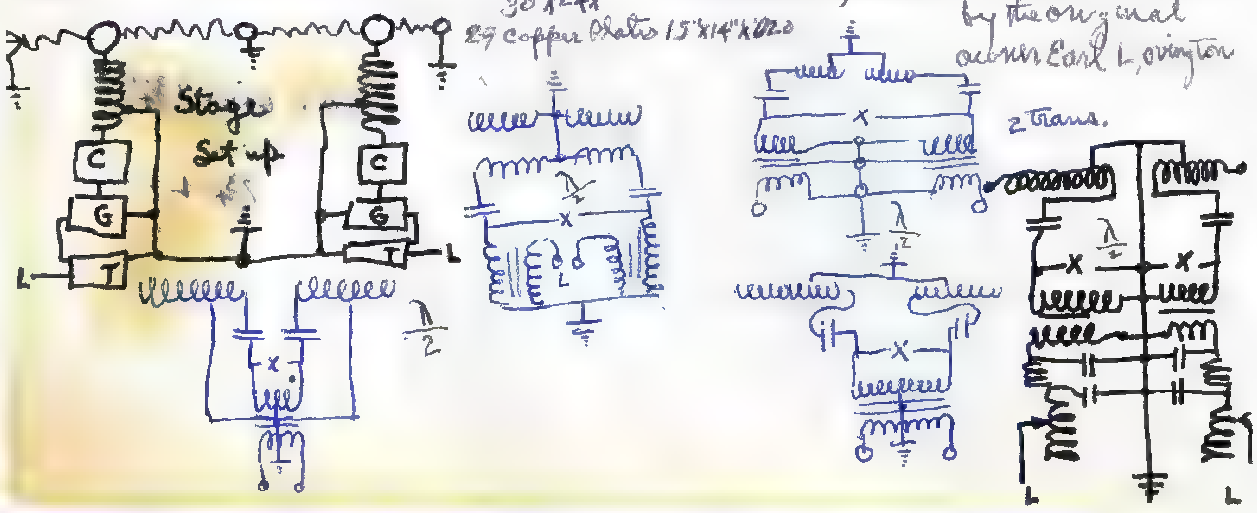




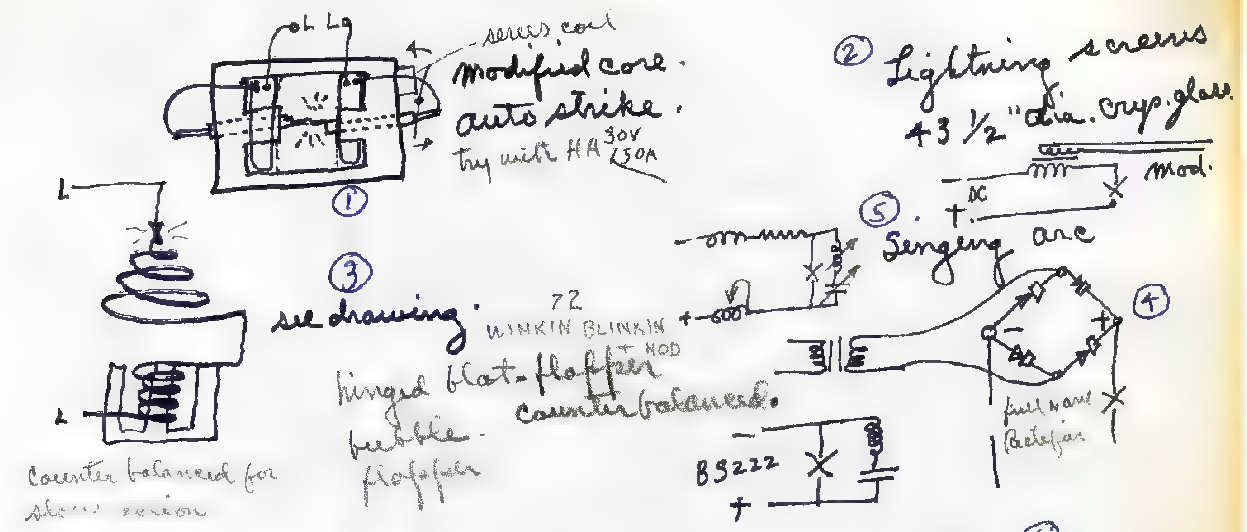
Griffith Park Observatory Tesla Coil



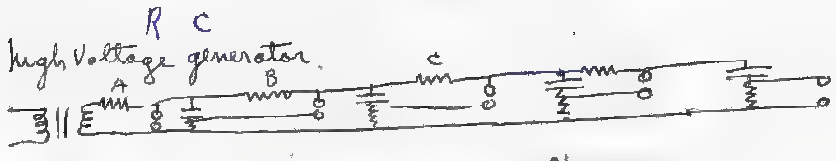
given to the observ. by Dr. Frederick Lucis Strong 1937, formerly used in a vaudeville act by the original owner Earl L. Ovington



ELECTRICAL
IMAGINEERING

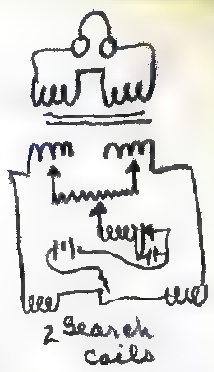


(29)

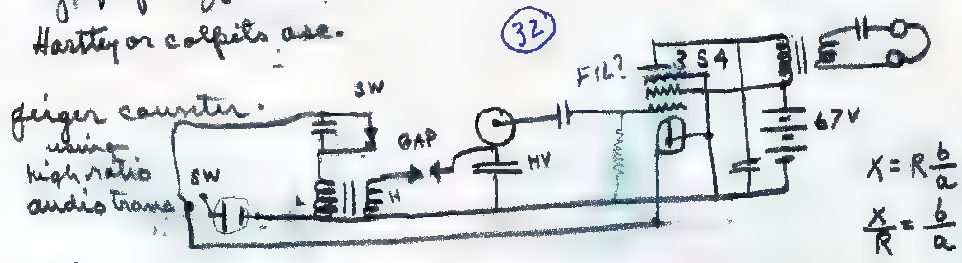


Search coil, Bridge + galvo. + Phones
high freq. buzzer
Hartley or colpitts osc.

(30)

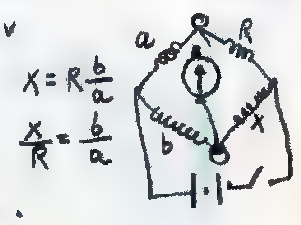


(32)



geiger counter.
using high ratio audio trans.

Bridge (9) (30)

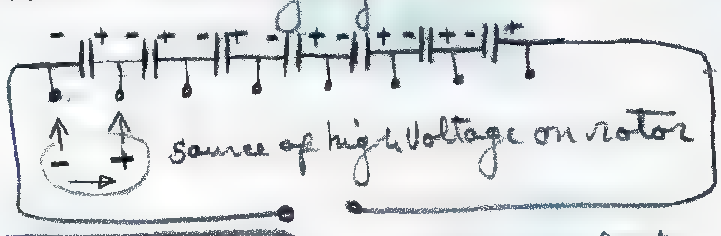


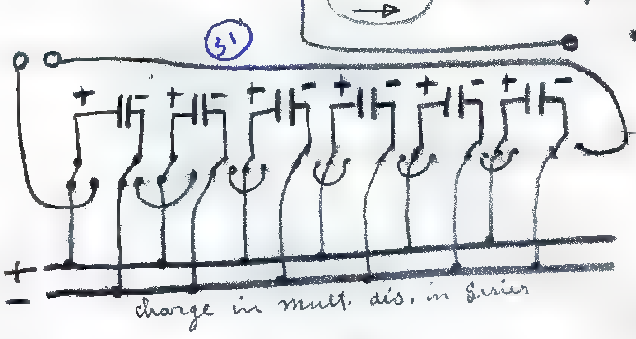
$X = R\frac{b}{a}$

$\frac{X}{R} = \frac{b}{a}$

Cond.
Charging in mult. discharging in series.

(31)



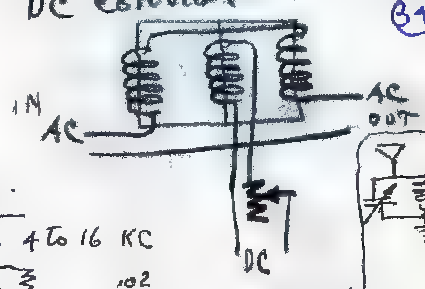


charge in mult. dis. in Series

Capacitor Bank
gang switch.

magnetic amplifier
DC control on AC circuit.

(34)

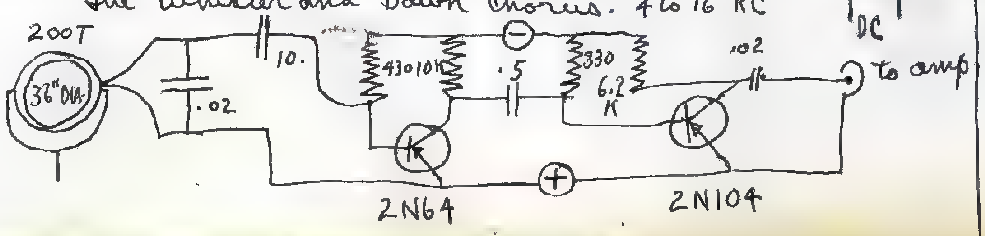


Delay circuit. (33)

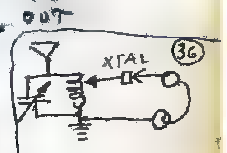


Earth Inductor.

The whistler and Dawn chorus. 4 to 16 KC



(36)



Tesla Coils.

(10)

LC = 2.94093

$\sqrt{LC}$ = 1.7149139

× 2π = 6.28

No. 16 Resonator · L = 71.73 μh, C = .041 μf

P, 11 T no. 10 RC stranded 4 1/4" L (10.79 cm)

D = 41.43 CM, (16.3125")

Cir. = 1.0309 M (50.22")

S, 830 T no. 021, 20 TPI, 41 1/2" L (1.054 M)

C = .041 μf L = 71.73 μh

LC = 5.206

$\frac{\lambda}{4}$ = 1086.4

λ = 4345.6 M, 69. KC

$f = \frac{10^6}{2\pi\sqrt{LC}}$ =

No. 13 Resonator · (several made)

P, 5 T no. 1/4" copper tubing L = 10 μh · C = .028160 μf · (28160 pf)

S, 522 T no. 20 enam. wire, 20 T p/1, $= \frac{\lambda}{4}$, λ = 1000 M, 300 KC

D. = 8" (20.32 CM) Ht = 21.1"

Cir = .6380 m × T = 333 M =

282 KC to 332 KC = channel 51, alloted to coast telegraphy, 333, aviation

no. 1 . sec. .024"	40 TPI.	Ts, 100, dia. 2 1/2", L, 2 1/2
no. 2 sec. .010"	28 TPI	Ts, 150. dia. 4 1/4". L, 4 1/8"
no. 3 sec. .010"	28 TPI	Ts 190 dia 4 1/4". L, 6 7/8"
no 4 sec. .027"	20 TPI	Ts 240, dia 4 1/4". L, 12".
no 5 sec. .024"	20 TPI.	Ts, 240. dia. 4 1/4". L, 12"
no. 6 sec. .024"	28 TPI	Ts, 336. dia. 4 1/4", L, 12".
no. 7. sec. .027"	20 TPI.	Ts, 180. dia 6 1/4", L, 9".
no. 8.		
no. 9, Sec .035"	20 TPI, Tp 8, Ts, 400, dia. 8", L, 20".	
no. 10.		
no. 11, sec. no. .021"	28 TPI, Tp 8, Ts, 602, dia, 8", L, 21 1/2"	
no. 12, sec. no. .028"	20 TPI, Tp 8, Ts 305, Dia, 7 3/4, L = 15 1/4	
no. 15 Mod. Thompson —	20 T/in T/p = 1 T/s = 180 D = 7 3/4, L = 9"	spark 11"
no. 17		

~~Thompson, no. 18, sec. no .027", 20 TPI, Tp = 1, Ts = 180. Dia 7 3/4. L = 9"~~

Trans. 2 KV., Q gap. spark, 11". mica in oil cap. .0

Ice Follies, no 19, sec. no .035", 20 TPI, Tp = 8. Ts = 500, D = 7 3/4 L = 25"

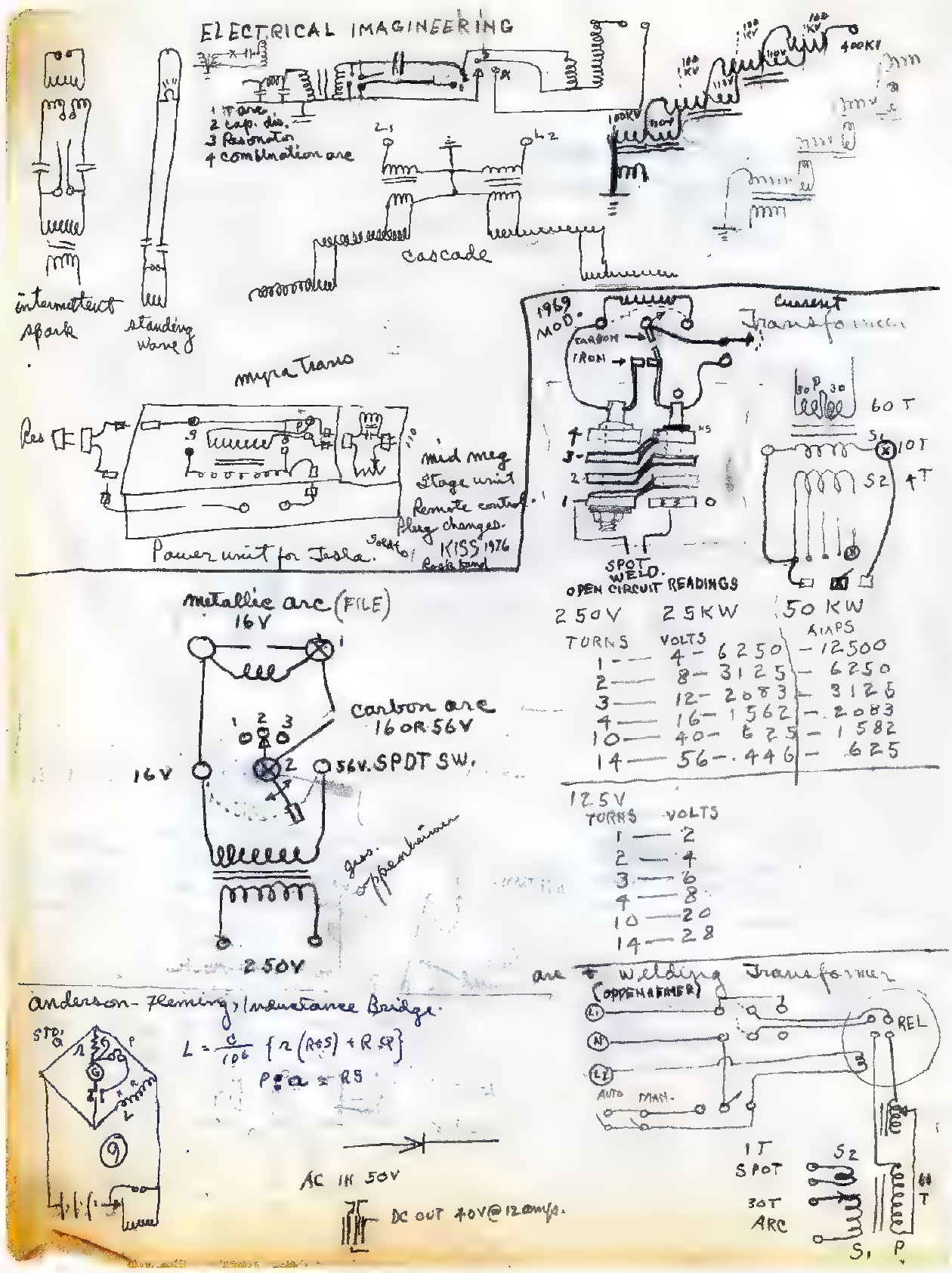
Trans. = 10 KV, Q gap. spark 20", glass plate cap.

Trans Stevens. no. 13 above no. 14, same as no. 13; above.

See. no. 20 E. 20 TPI. Tp, 5, Ts, 522. dia., 8"

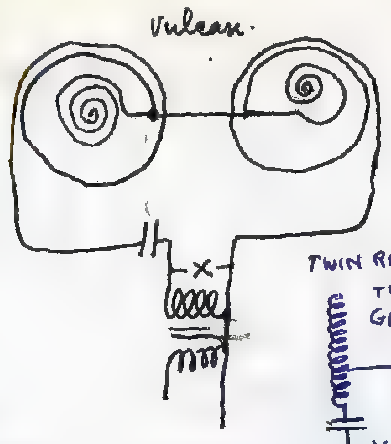
No 13 Trans

ELECTRICAL IMAGINEERING

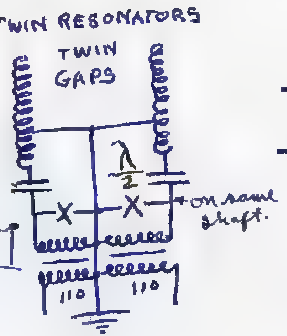


Resonators

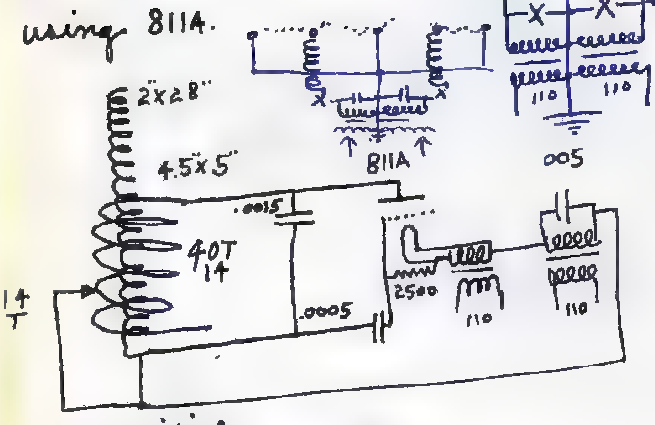
Vulcan.



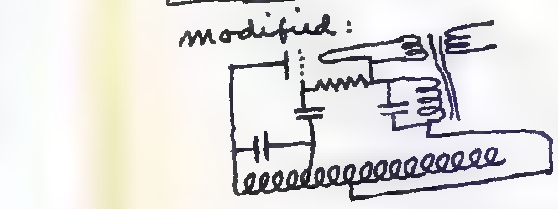
TWIN RESONATORS

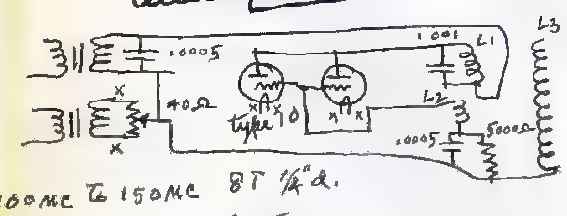


using 811A.



modified:





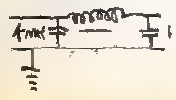
100MC To 150MC 8T ¼"d.
$C_1 = 500\mu\mu f$ $C_2 = 500\mu\mu f$

20MC To 100MC 10T rno ½"d.
$C_1 = .5\mu f$, $C_2 = .01\mu f$

150KC To 20 MC 12T, ¾"d, core ⅜"x⅝"x 3½"L
$C_1 = 4\mu f$, $C_2 = 1.3\mu f$
9OT #16" .00000214

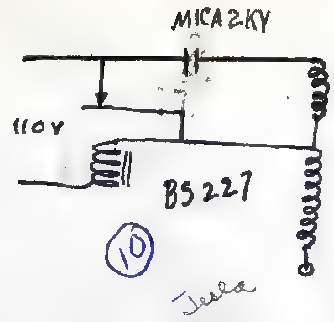
(85)

110 amp. TVI Filter:

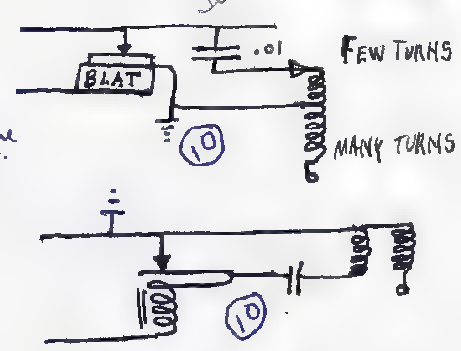


core 3½"x 1¾"
dec. 5/16"x ⅝"

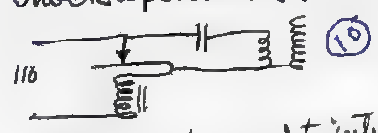
MICA 2KV



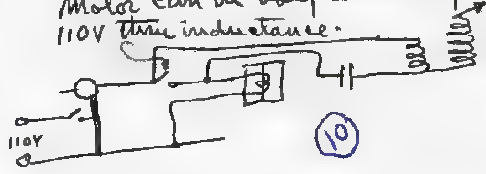
Tesla



Shock excitation Resonator.

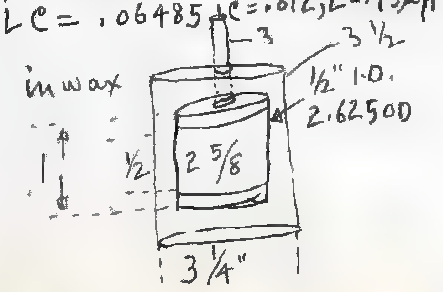


Motor can be used to interrupt 110V thru inductance.

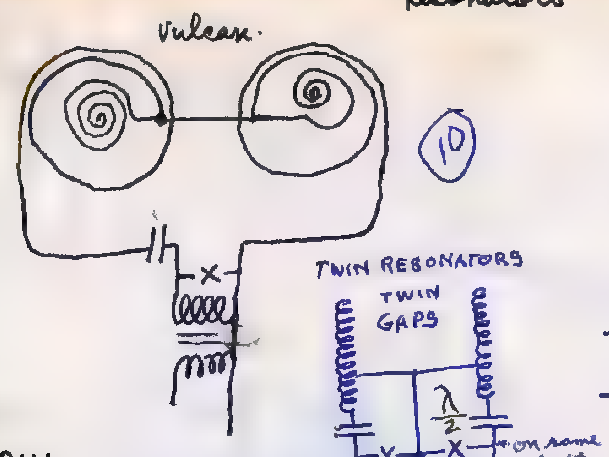


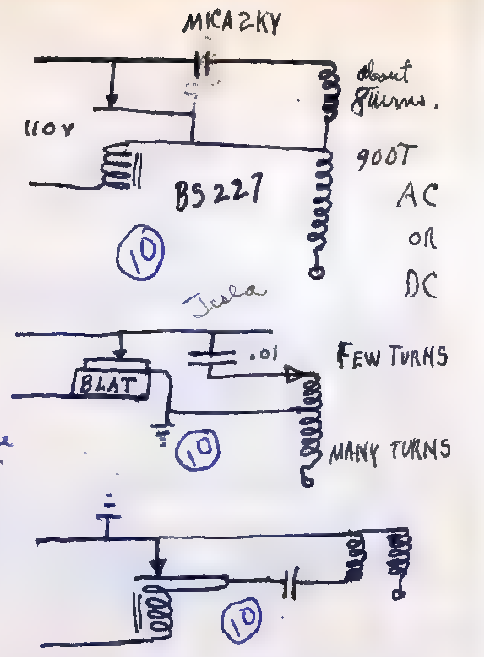
Shock excited resonator.

See Pic 2 5/8"d, 30TPI, 30L
900T- .017, 4500" or 114M= λ/4
P. 4T copper tubing
λ = 487M, 625KC.
LC = .06485 C = .012 mf, L = .43μh

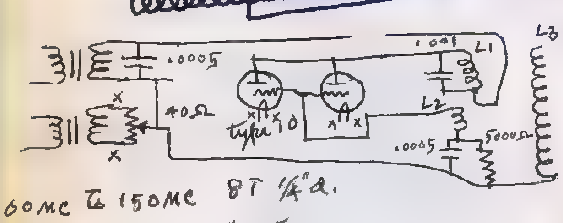


Resonators





modified:



100mc to 150mc 8T 1/4"d.
C_1 = 500μμf C_2 = 500μμf

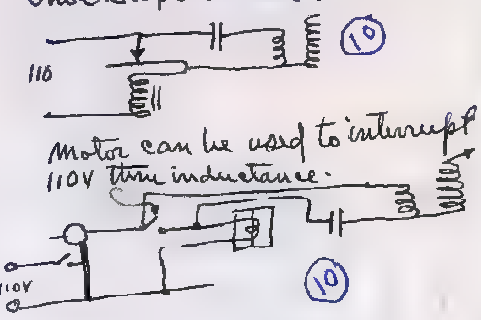
20mc to 100mc 10T no 1/2"d.
C_1 = .5μf, C_2 = .01μf

150KC to 20 Mc 12T, 3/4"d, core 3/8" x 5/8" x 3 1/2" L
C_1 = 4μf, C_2 = 1.3μf
9T 3/16" .0000021h

100 amp. TVI filter: 4mf 1.3mf IN

core 3 1/2" x 1 3/4"
Arc, 5/16" x 5/8"

Shock excitation Resonator.



Shock excited resonator

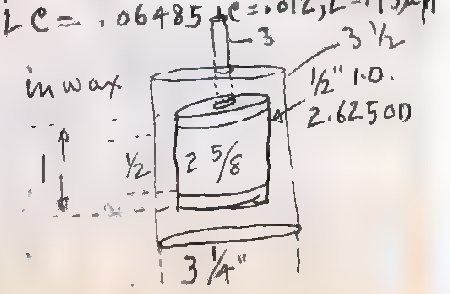
See Pic 2 5/8"d, 30 TPL, 30L

900T - .017, 4500" or 114M = λ/4

P. 4T copper tubing

λ = 487M, 625KC.

LC = .06485 μf C = .012, L = .13μh



Formulae

$v = \lambda f$

$f = \frac{v}{\lambda}$

$\lambda = \frac{v}{f}$

Pipe $f = \frac{1}{2L}\sqrt{\frac{e}{D}}$ e = coefficient of elasticity.

Pendulum $f = 2\pi\sqrt{\frac{L}{g}}$ L = length, g = gravity const.

Spring $f = 2\pi\sqrt{\frac{K}{M}}$ stiffness, mass. plate?

String $f = \frac{1}{2L}\sqrt{\frac{T}{M}}$ Tension, mass

Rod $f = \frac{1}{4L}\sqrt{\frac{E}{D}}$ young's mod., dia.

Elec. $f = \frac{1}{2\pi\sqrt{LC}}$ L in henries, C in μf

Resonance

$X_L = X_C$

$LC = \frac{1}{4\pi^2 f^2}$

$f_{KC} = \frac{10^6}{2\pi\sqrt{L_{\mu h} C_{pf}}}$

$10^6 = f\, 2\pi\sqrt{LC}$

$2\pi = \frac{10^6}{f\sqrt{LC}}$

$\sqrt{LC} = \frac{10^6}{2\pi f}$

$2\pi\sqrt{LC} = \frac{10^6}{f_6}$

$\sqrt{L} = \frac{10^6}{2\pi_6\sqrt{C}}$

$\sqrt{C} = \frac{10^6}{2\pi\sqrt{L}}$

DISC.

$L_{\mu h}\, C_{pf} = \frac{25330}{f^2}$, $L = \frac{25330}{f^2 C}$; $C = \frac{25330}{f^2 L}$

$\lambda_M = \frac{300000}{f_{KC}}$

$\lambda = 1884\sqrt{LC}$

$L = \frac{\cdot 2\, a^2 n^2}{3a + 9b}$, a = dia. b = length, n, no. of turns.

Pendulum $\frac{\lambda}{4}$ Spring = C, Weight = L

$L(\mu h) = \frac{\cdot 2\, a^2 n^2}{3a + 9b + 10c}$

a = dia.
n = turns
b = length.
c = depth.

$C(\mu\mu f) = \cdot 244 \frac{KA}{d}(n-1)$

K = dielectric constant(s)
A = area
n = no. of plates.
d = distance apart.

E11 Speed of sound in air about 1120 FT/S, (V)

$\lambda = \frac{v}{f}$, $\lambda 440 = \frac{1120}{440}$ or 2.5'

V of light = 186000 mi/s or 300000000 m.

$\lambda = 60\sim = \frac{300000000}{60}$ or 5000000 m or 3100 mi.

Tesla Coils.

(10)

LC = 2.94093

$\sqrt{LC}$ = 1.7149139

× 2π = 6.28

No. 16 Resonator. L = 71.73 μh, C = .041 μf

P, 11 T no. 10 RC stranded 4 1/4" L (10.79 cm)

D = 41.43 CM, (16.3125")

Cir. = 1.0309 M (50.22")

S, 830 T no. 021, 20 TPI, 41 1/2" L (1.054 M)

C = .041 μf L = 71.73 μh

LC = 5.206

$\frac{\lambda}{4}$ = 1086.4

λ = 4345.6 M, 69. KC

$f = \frac{10^6}{2\pi\sqrt{LC}}$ =

No. 13 Resonator. (several made)

P, 5 T no. 1/4" copper tubing L = 10 μh. C = .028160 μf. (28160 pf)

S, 522 T no. 20 enam. wire, 20 T p/1, $= \frac{\lambda}{4}$, λ = 1000 M, 300 KC

D. = 8" (20.32 CM) Ht. 21"

Cir. = .6380 m × T = 333 M =

282 KC to 332 KC = channel 51, alloted to coast telegraphs, 333, aviation

no. 1. sec. .024"
no. 2 sec. .010"
no. 3 sec. .010"
no 4 sec. .027"
no 5 sec. .024"
no. 6 sec. .024"
no. 7. sec. .027"
no. 8.
no. 9 Sec 035"
no. 10.
no. 11, sec. no. .021"
no. 12, sec. no. .028"
no. 15 Mod. Thompson —
no. 17

40 TPI.
28 TPI
28 TPI
20 TPI
20 TPI.
28 TPI
20 TPI.

20 T/in T/p = 1 T/s = 180

Ts, 100, dia. 2 1/2", L, 2 1/2
Ts, 150. dia. 4 1/4". L, 4 1/8"
Ts 190 dia 4 1/4". L, 6 7/8"
Ts 240, dia 4 1/4". L, 12".
Ts, 240. dia. 4 1/4". L, 12"
Ts, 336. dia. 4 1/4, L, 12".
Ts, 180. dia 6 1/4", L, 9".

20 TPI, Tp 8, Ts, 400, dia. 8", L, 20".
20 TPI, Tp 8, Ts, 602, dia, 8", L, 21 1/2"
20 TPI, Tp 8, Ts 305, Dia, 7 3/4, L = 15 1/4
D = 7 3/4, L = 9" ? spark 11"

~~Thompson, no. 18, sec. no .027", 20 TPI, Tp = 1, Ts = 180. Dia 7 3/4. L = 9"~~

Trans. 2 KV., Q gap. spark, 11". mica in oil cap. .0

Ice Follies, no 19, sec. no .035", 20 TPI, Tp = 8. Ts = 500, D = 7 3/4 L = 25"

Trans. = 10 KV, Q gap. spark 20", glass plate cap.

Trans Stevens. no. 13 above

no. 14, same as no. 13; above.

See. no. 20 E. 20 TPI. Tp, 5. Ts, 522. dia., 8"

No 13 Trans





Academy Foundation

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November 30, 1981

Mr. Ken Strickfaden
P.O. Box 1130
Inglewood, CA 90308

Dear Mr. Strickfaden:

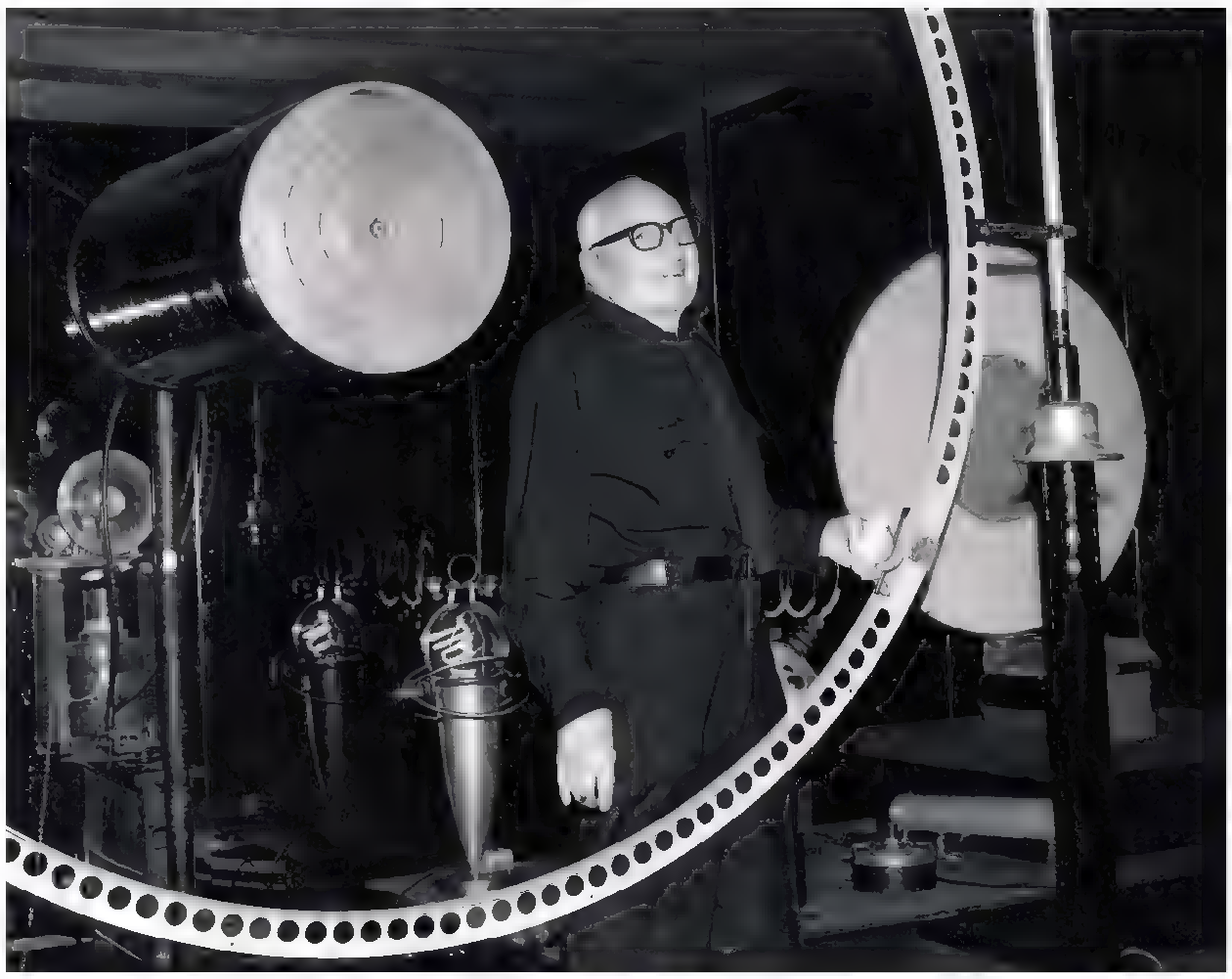
I am writing to convey the Academy's appreciation for your help in making "The Magic Machines of Ken Strickfaden" the success that it was. I thought the entire evening went quite well, and the audience seemed to love it.

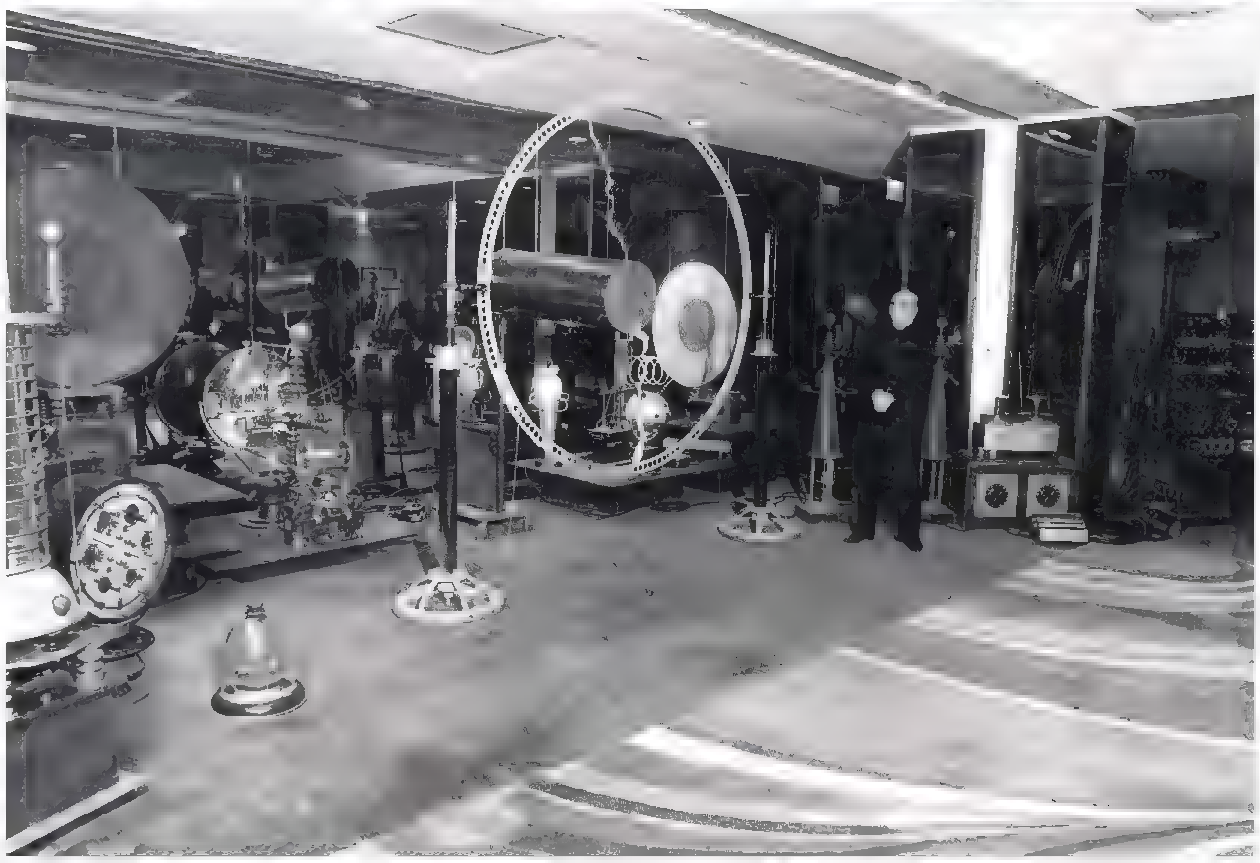
Enclosed you'll find some photographs I thought you might find interesting, and I hope you'll accept them as a token of our thanks. You'll also find a second group of photos that I would appreciate your giving to Mr. Foster along with our thanks.

Yours sincerely,

Douglas W. Edwards
Program Coordinator/Exhibits and Special Film Programs

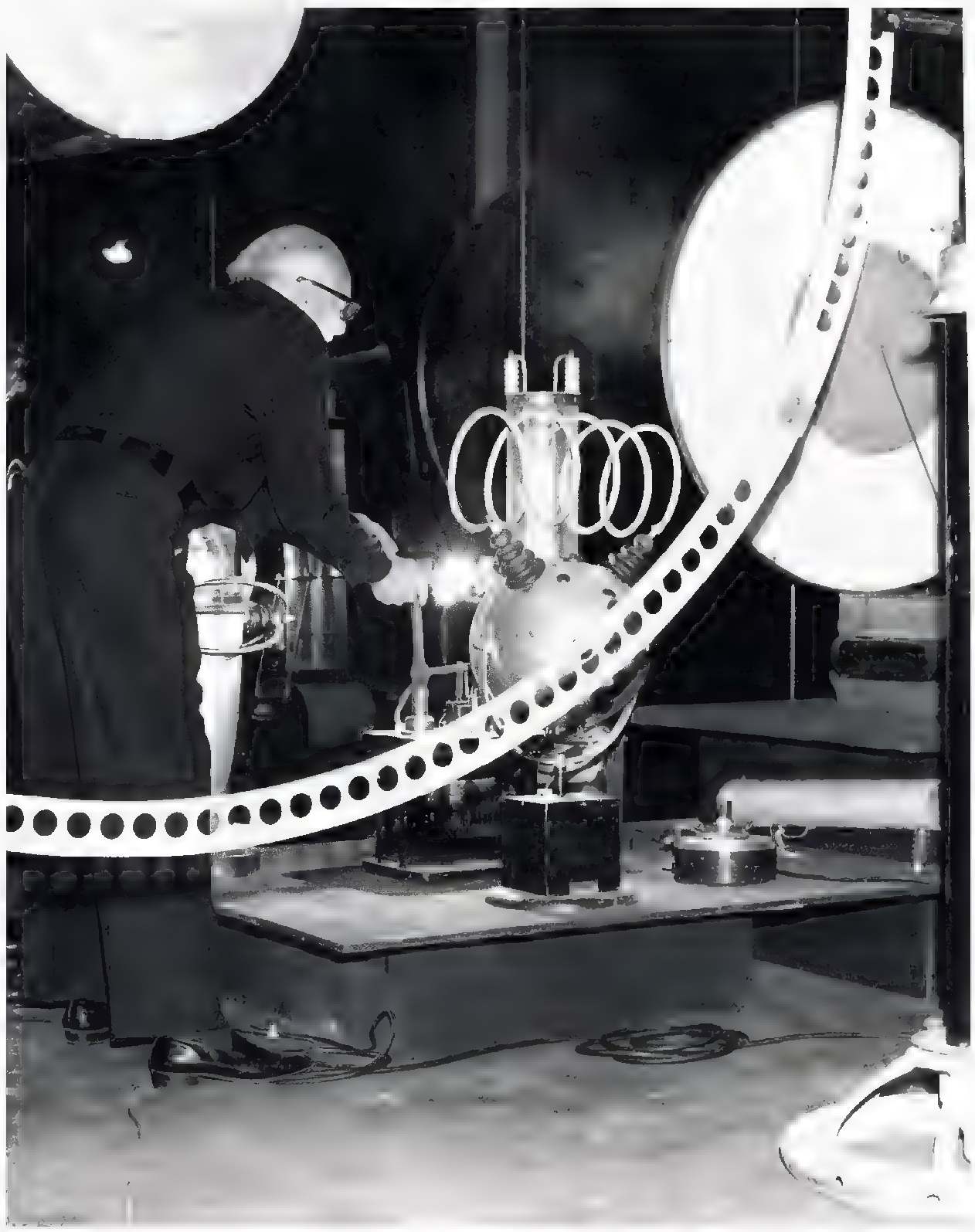
DWE/rr
encl.

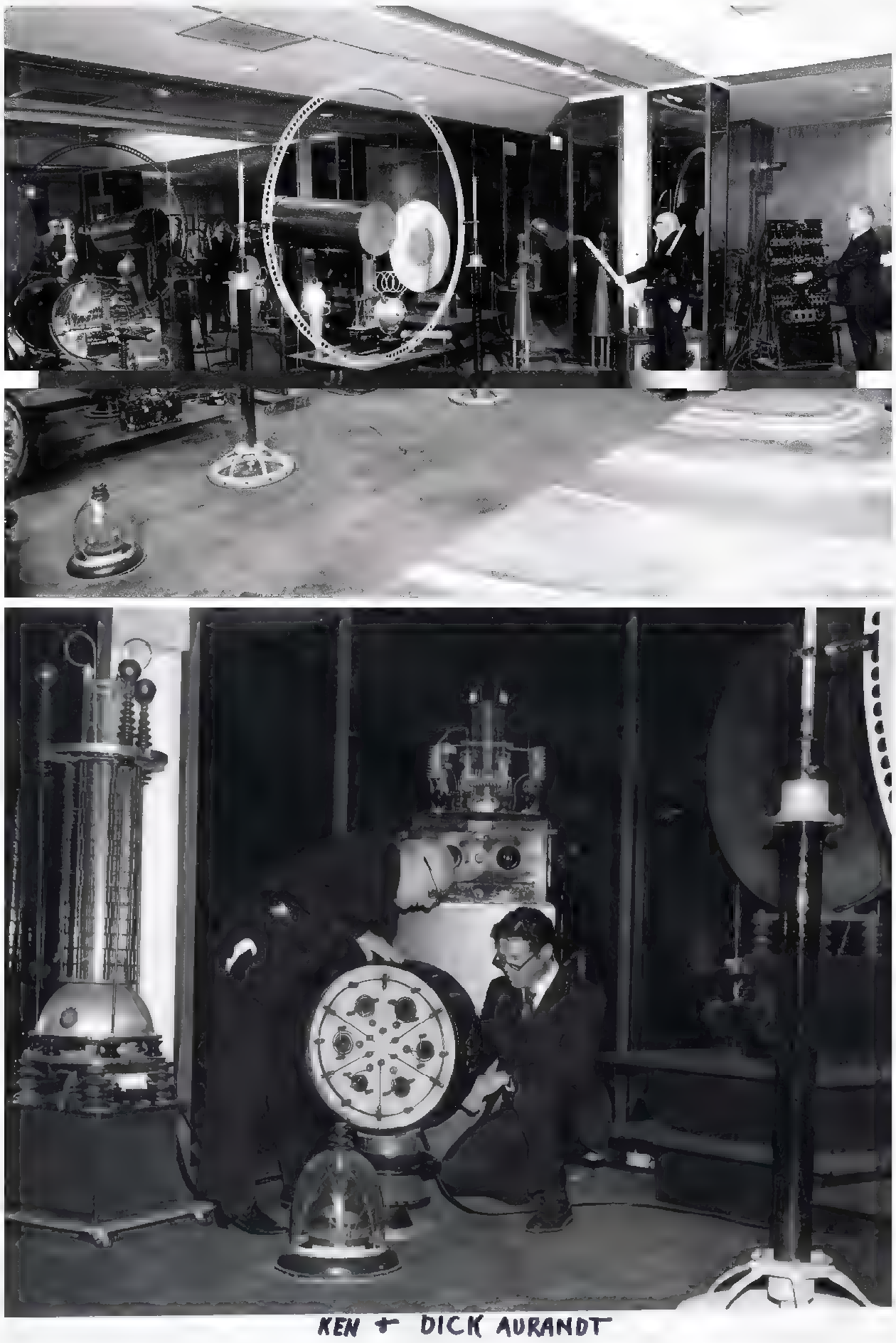




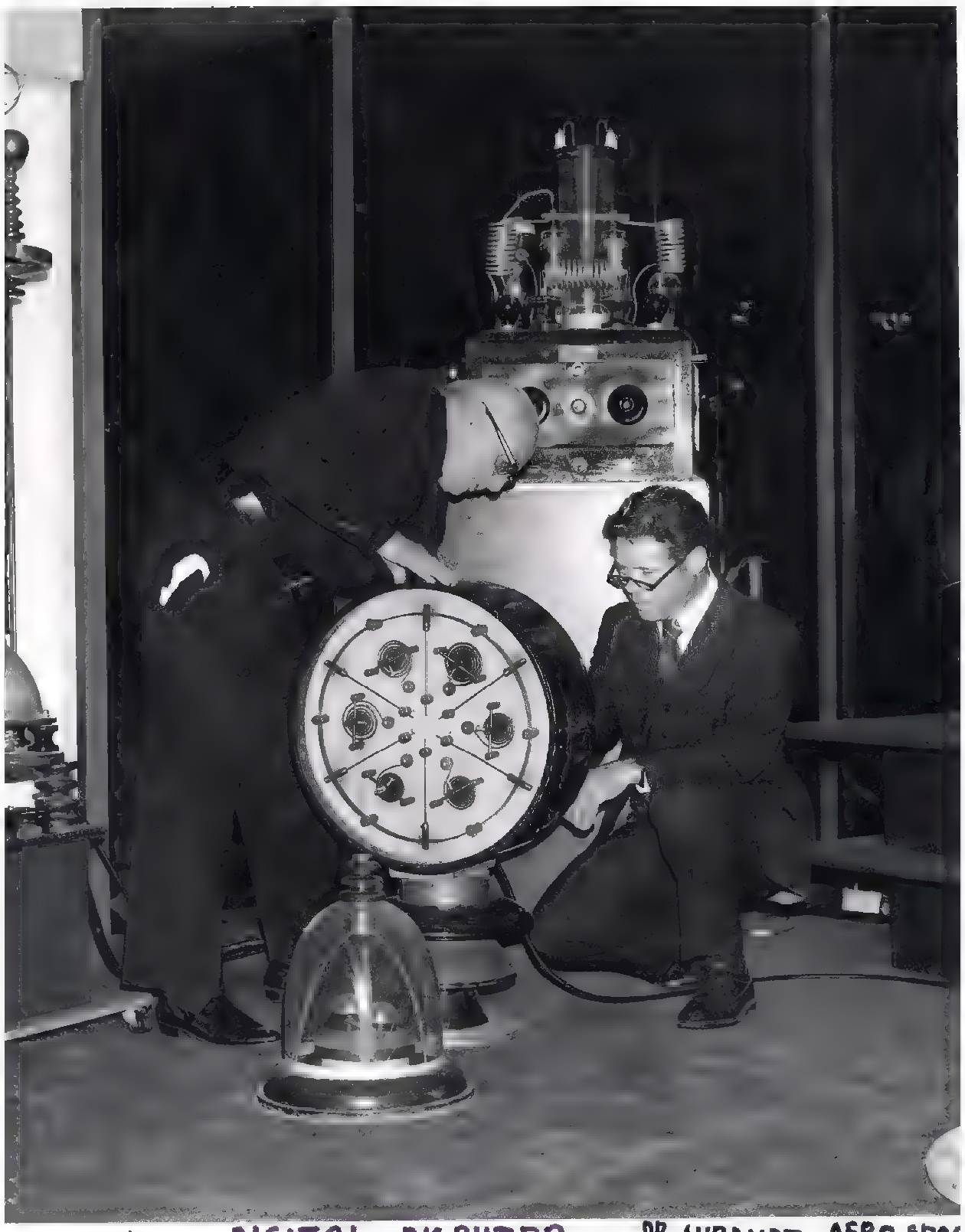


KEN + VIC COX L.A. TIMES

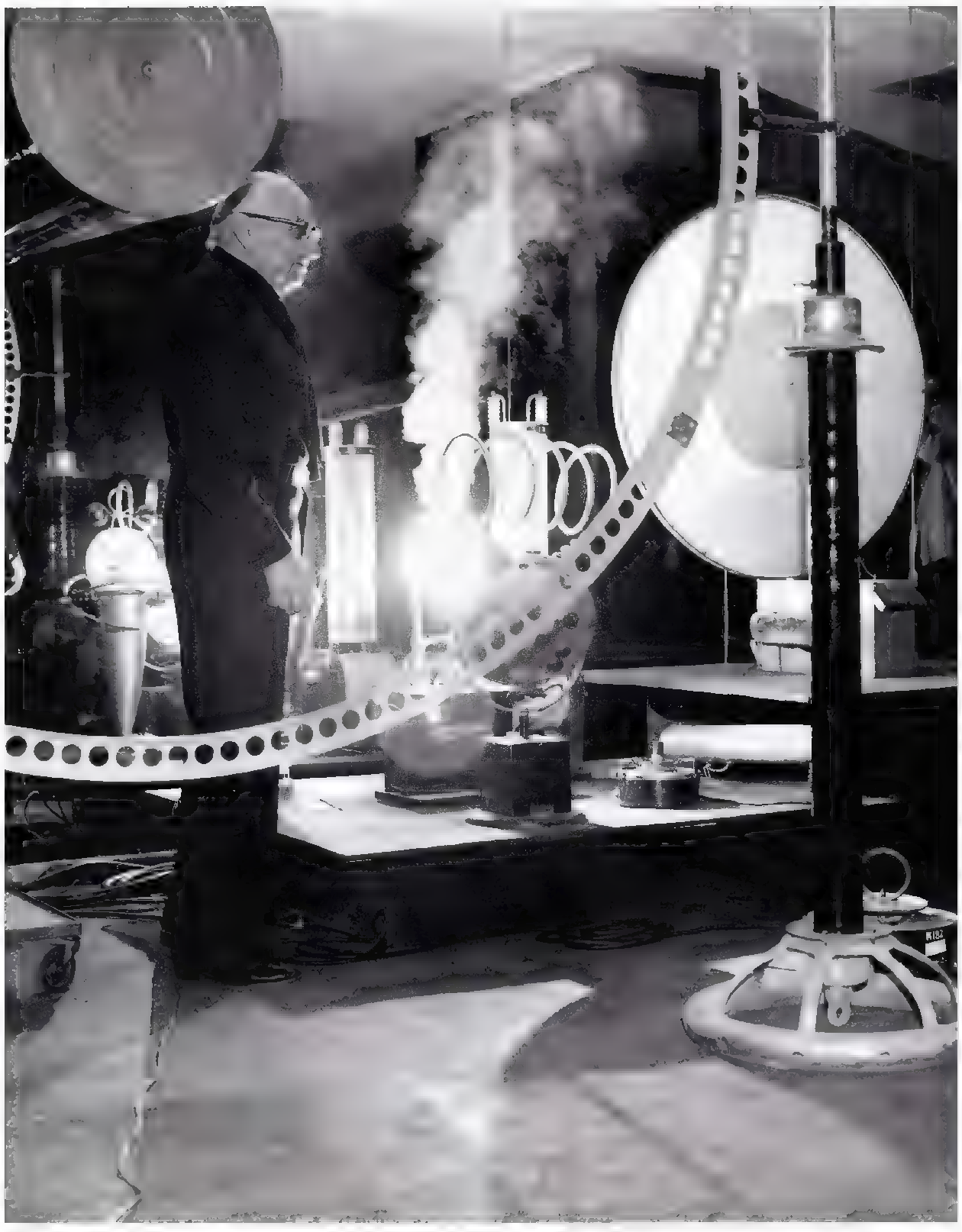




KEN + DICK AURANDT



KEN DIGITAL DISPUTER DR. AURANDT AERO SPAC



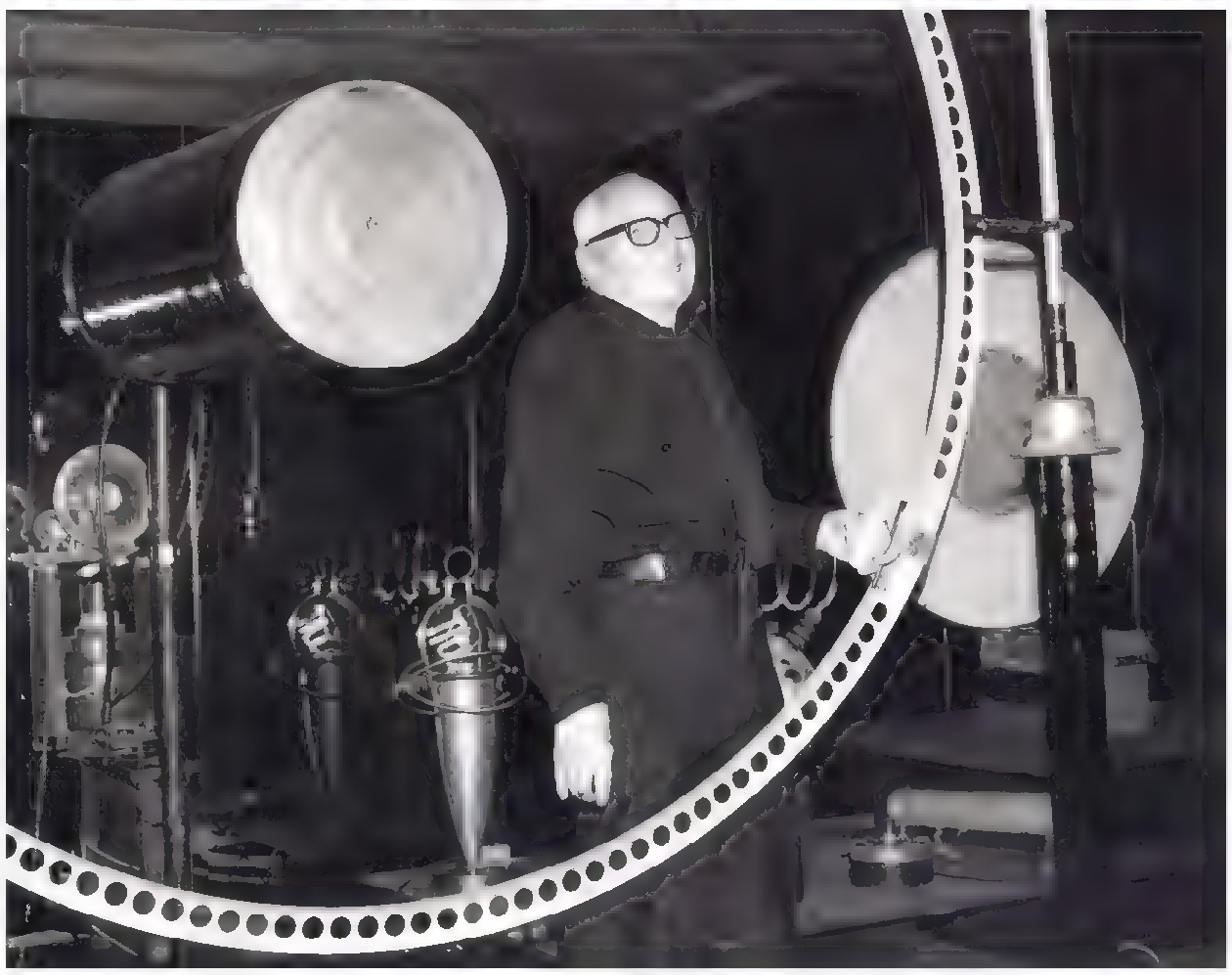


KEN + VIC COX



VIC + STRIC + OSCAR

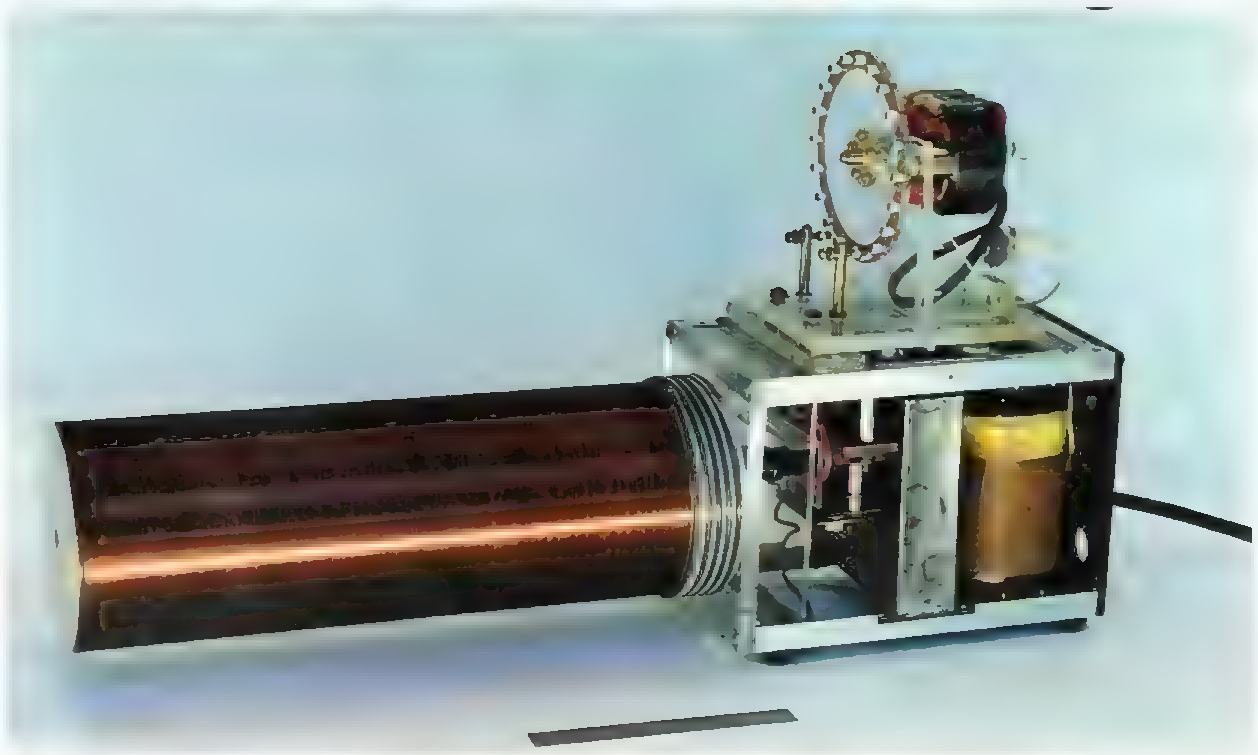






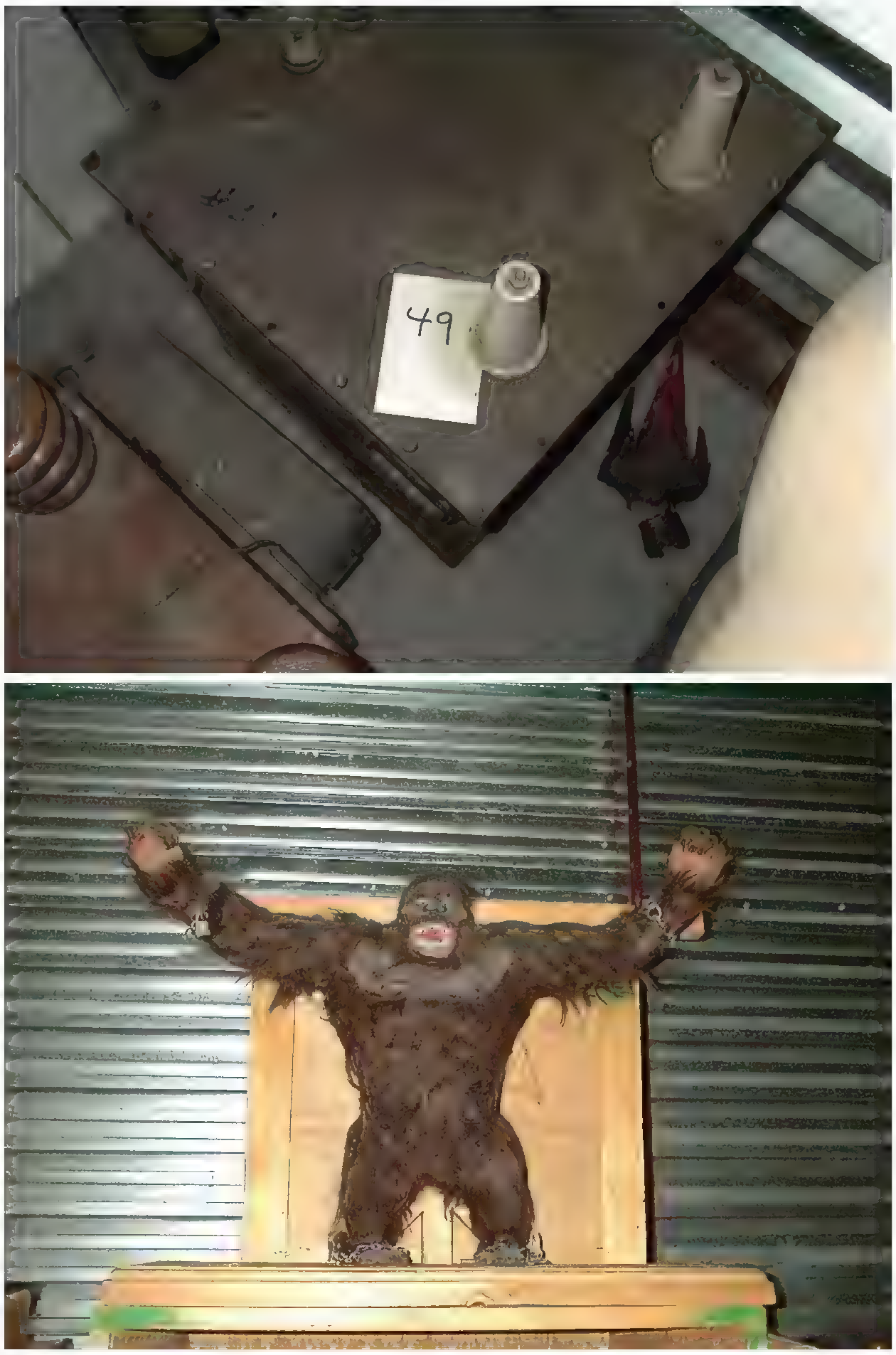






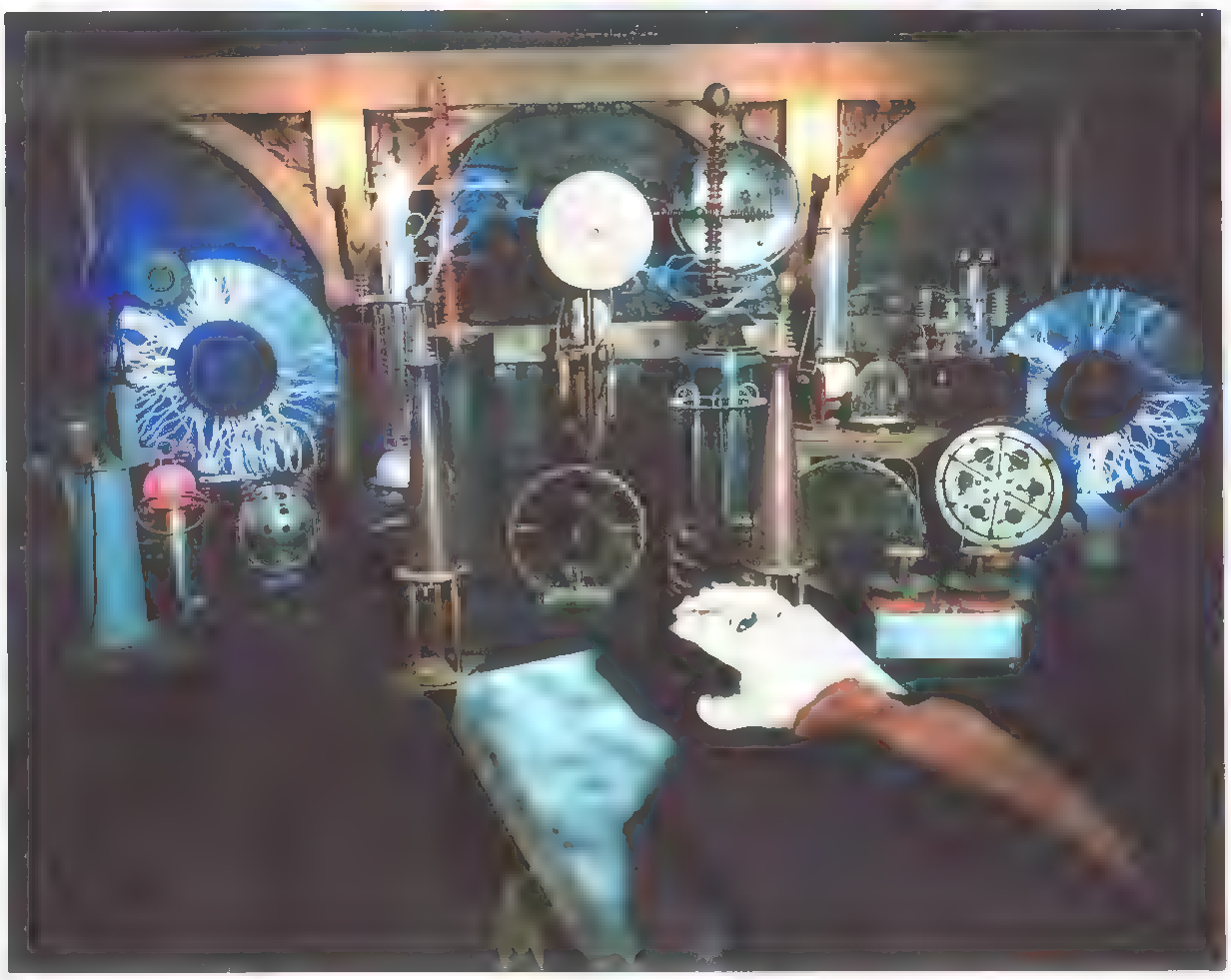
Mini-Meg





Misc.







355o

Laboratory Props from Frankenstein

Universal, 1931

Designed by Kenneth Strickfaden

Set of four large props from the legendary set of this horror film. The first, referred to as *The Time Control Unit*, bears a circular clear face compressed upon a cylindrical base, having ten metal switches, four red buttons, dual yellow indicator lights and a large black dial in center bearing the numbers 1-15. The face opens up by using a side hinge to reveal a series of wires and electrical circuits, which can also be seen through the clear face. This piece was used to control the operation of other electrical components. The second prop, referred to as *The Small Circular Arc*, is comprised of a copper circular arc with a tinted acrylic circle in center of face, from which rods protrude in the shape of a cruciform. The arc rests upon a base which has a series of knobs on the left side. This particular prop can also be seen in the Walt Disney film *Frankenweenie*. The third, referred to as *The Large Circular Arc*, consists of a tall orange painted wood ribbed center having clear acrylic barrels across top, bottom and width of arc, set upon a circular base with a generator on bottom. The final component, *The Triple Traveling Arc*, is comprised of six metal bars that come up from the center of the base and hook onto top ring, three copper bottom rings and three acrylic columns connecting the top and bottom rings. This piece was also featured in Mel Brook's 1974 film *Young Frankenstein*. All of the four props were reused in Universal's 1935 sequel to *Frankenstein*, *The Bride of Frankenstein*.

1) 18 inches x 21¼ inches
2) 24 inches x 24 inches
3) 50 inches x 32½ inches
4) 39 inches x 18½ inches

The laboratory that brought Frankenstein to life was created by Kenneth Strickfaden. Strickfaden, an electrical hobbyist and Nikola Tesla admirer, arrived in Hollywood towards the beginning of 1930. No sooner had he arrived in Hollywood than the movie industry put his obscure talents to work for minor electrical effects in a number of films. With the advent of sound, the talents and creative possibilities for Strickfaden were endless. His first film job was to simulate the sound of a man being electrocuted in the death chair. To obtain this sound he passed a high frequency current through a block of wood. The wood offered a resistance to the currents, in turn creating a sizzling sound. From that moment on, Strickfaden worked continuously up until the Second World War. After that, for inexplicable reasons, his name rarely appeared in film credits. Kenneth Strickfaden passed away in February, 1984.

See Color Plate II

Estimate 20,000/25,000







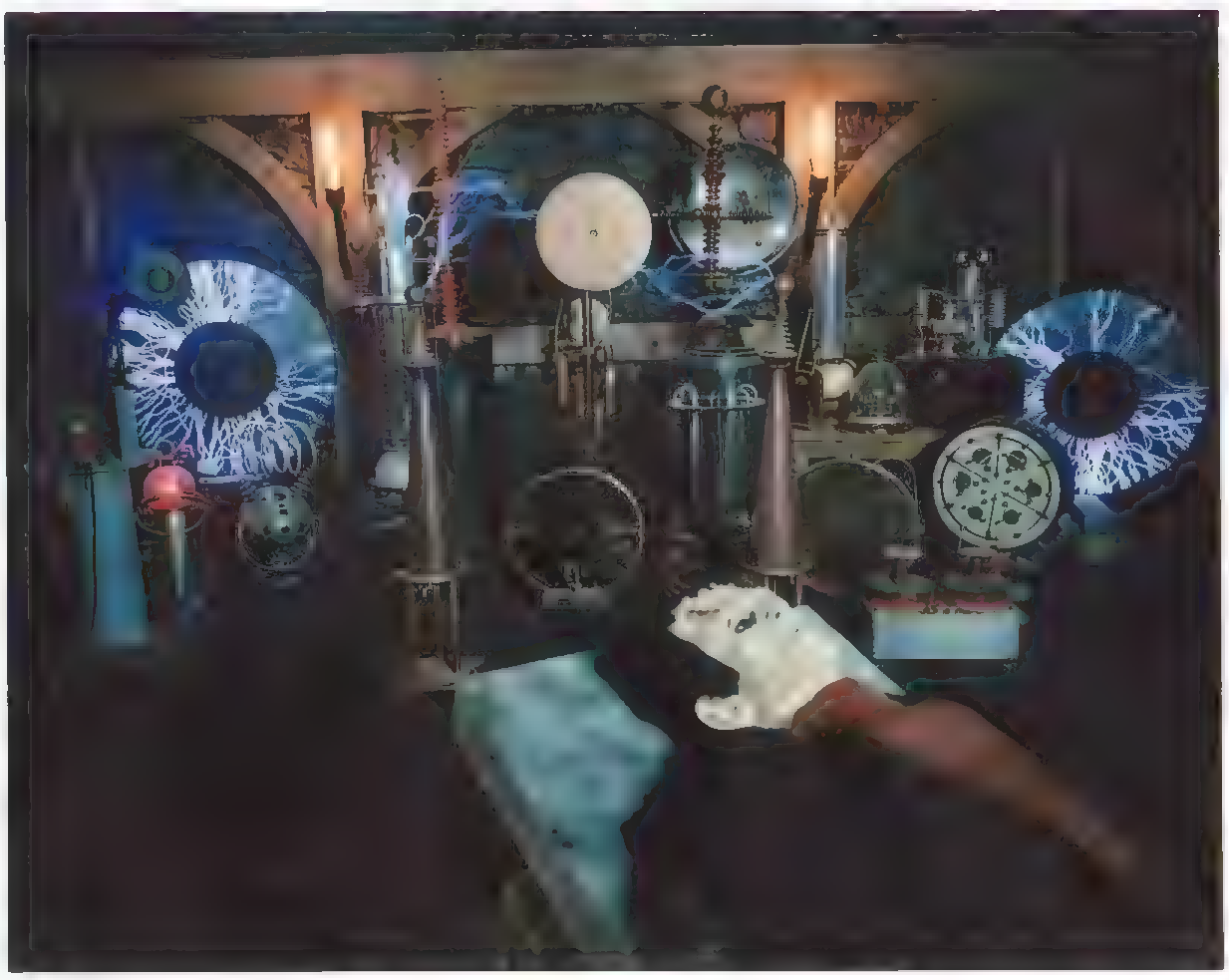


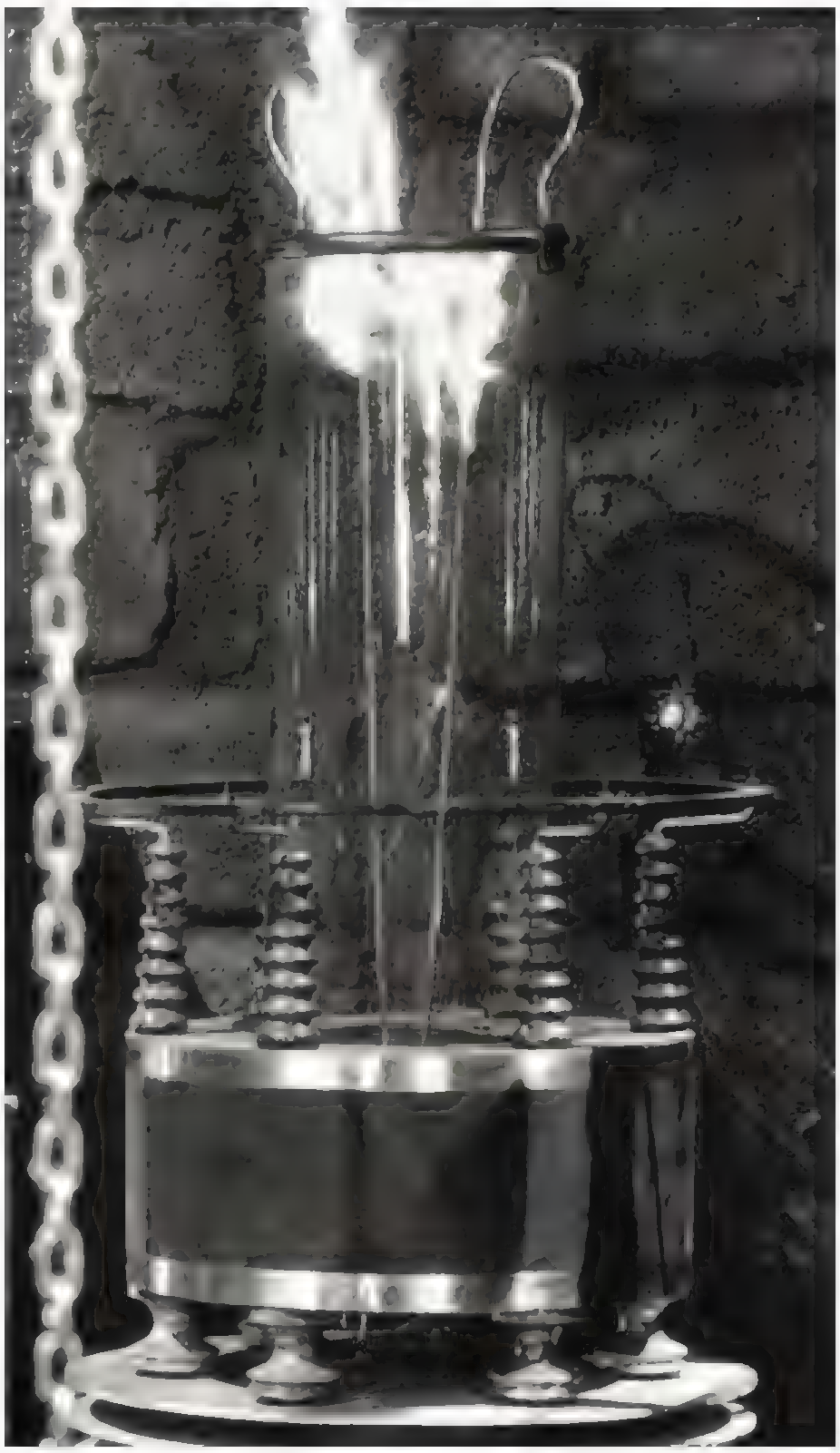




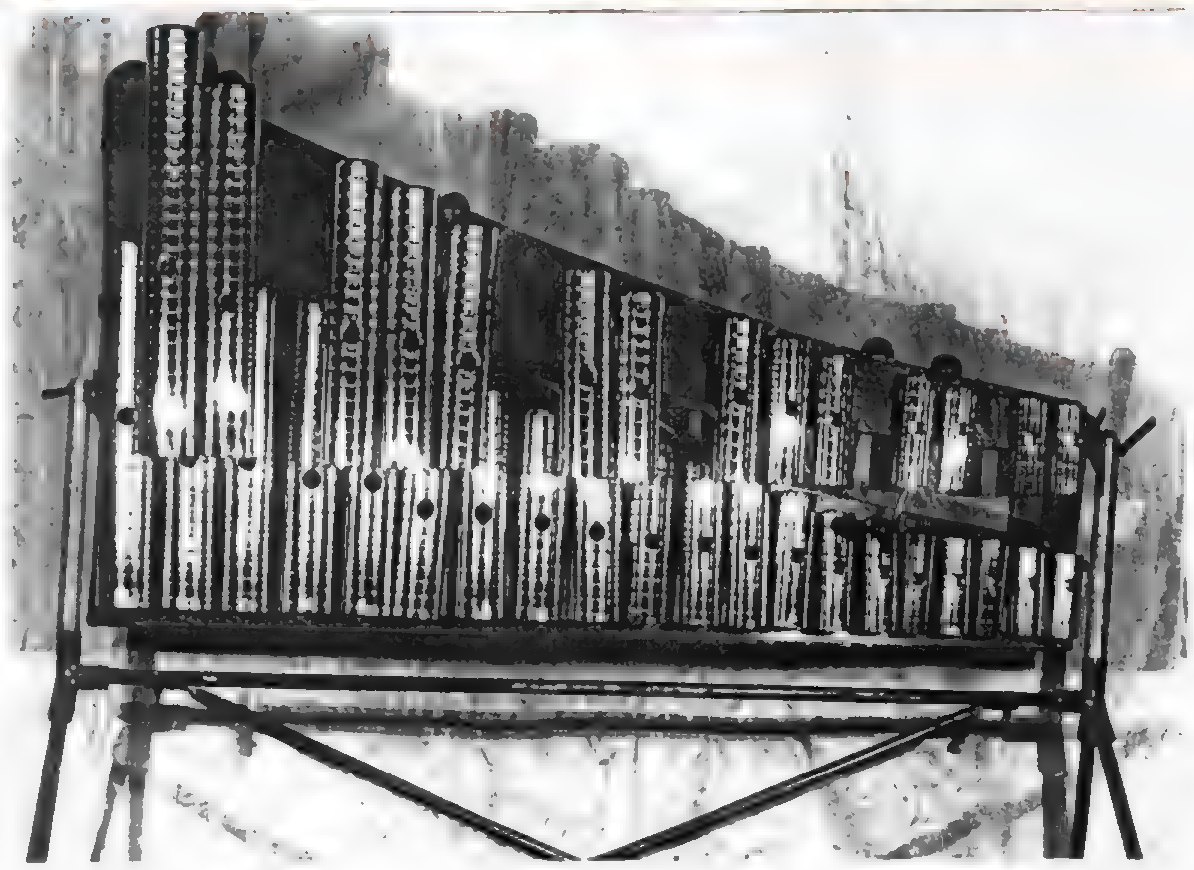


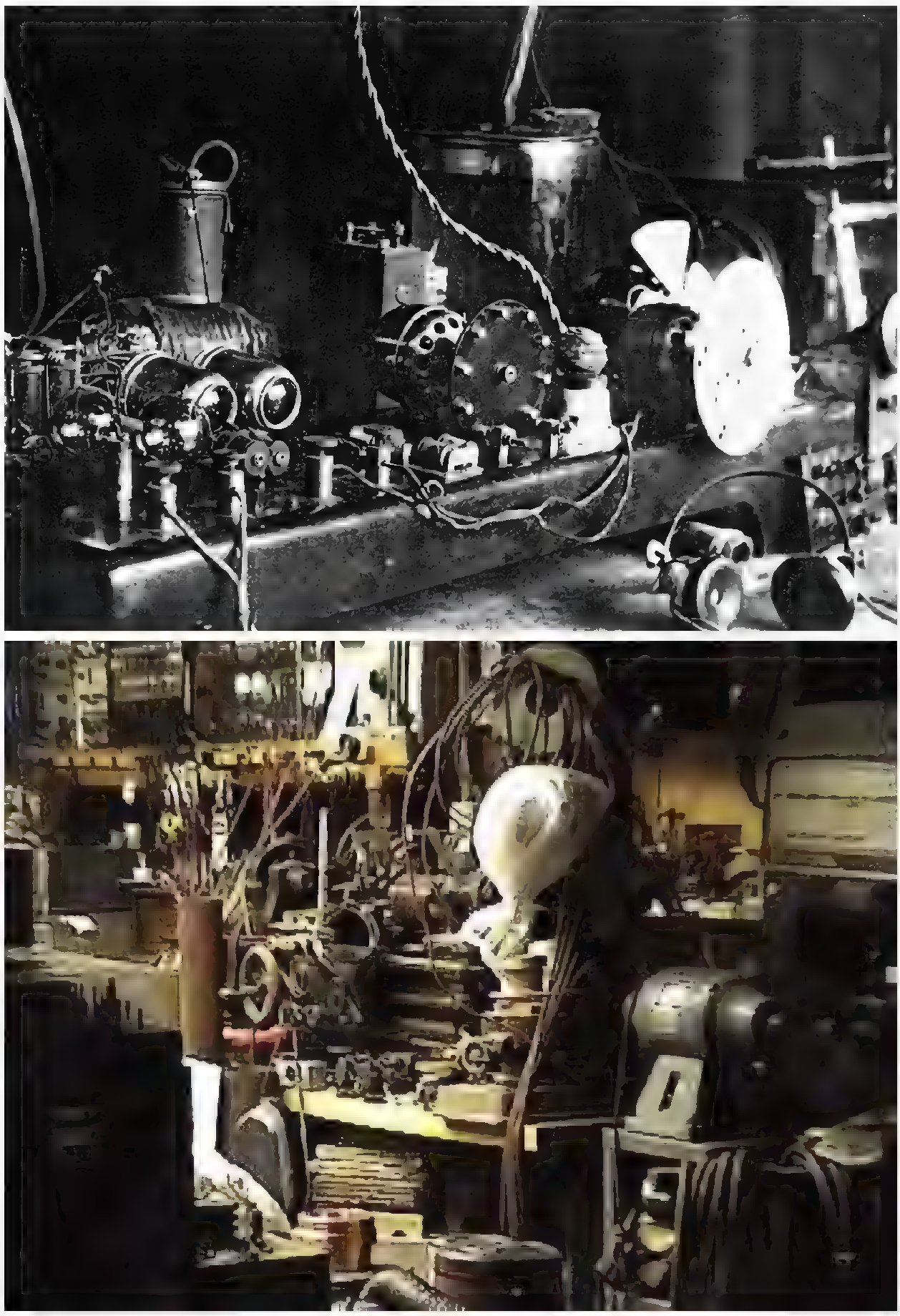


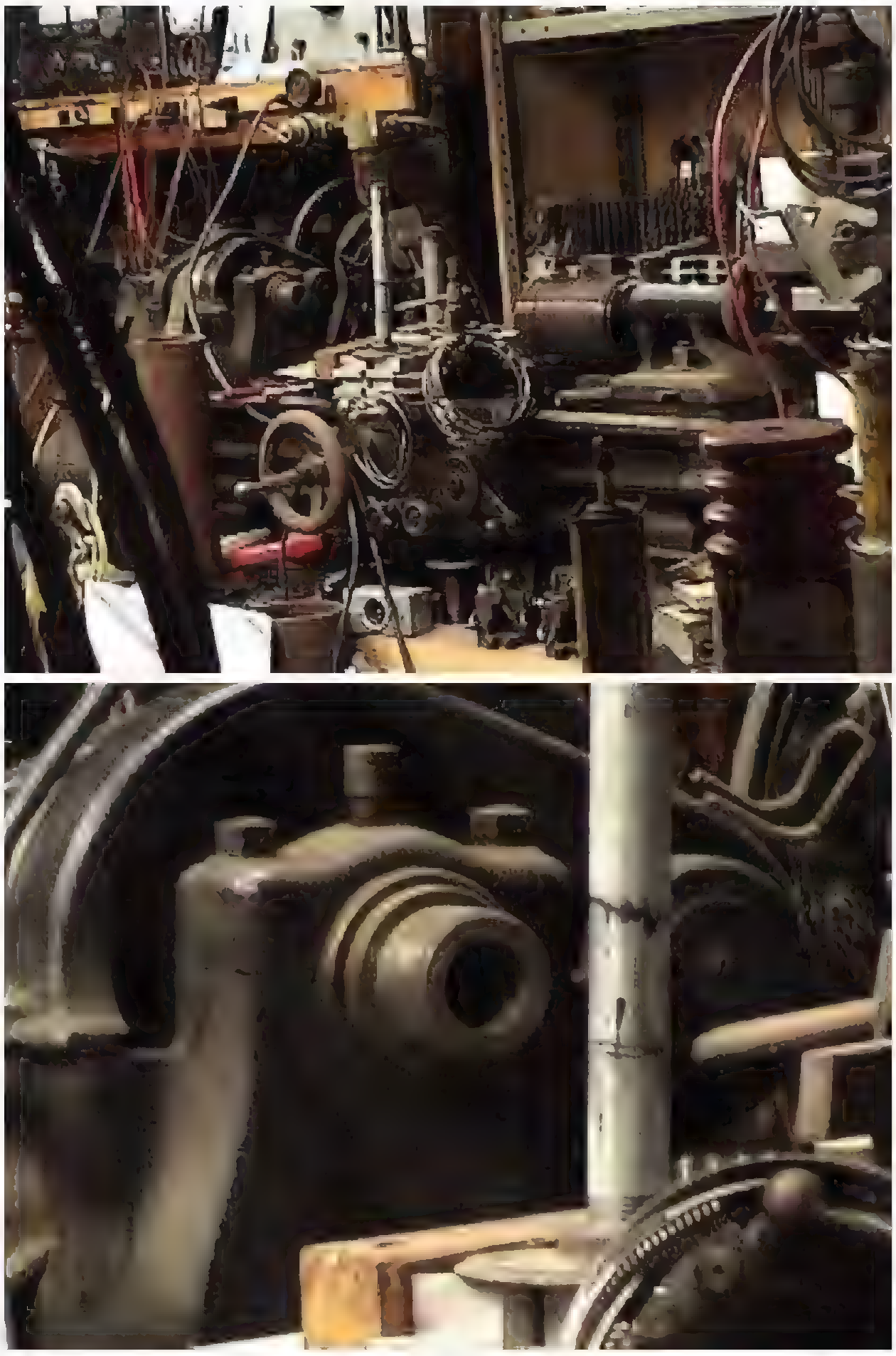


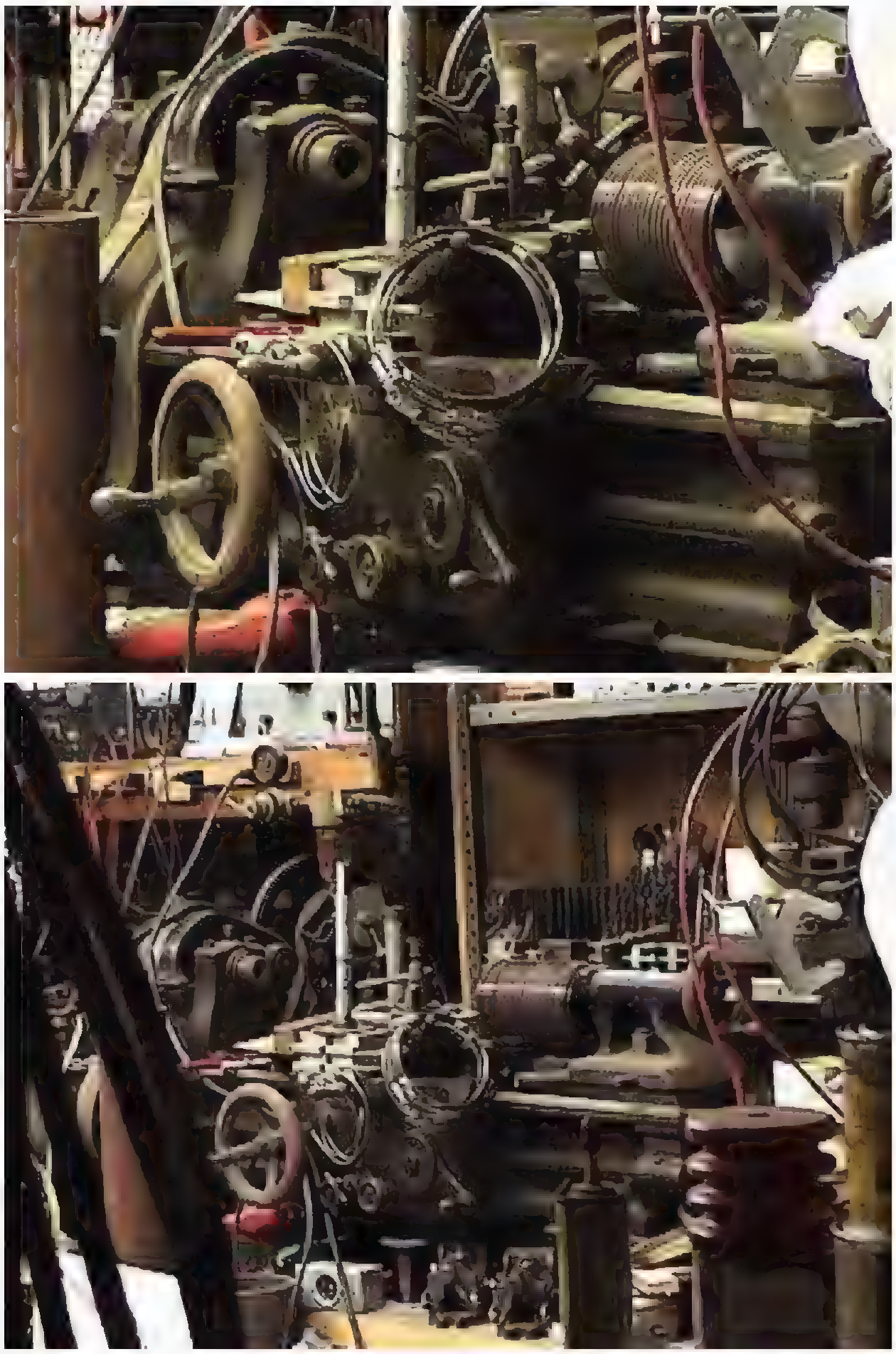




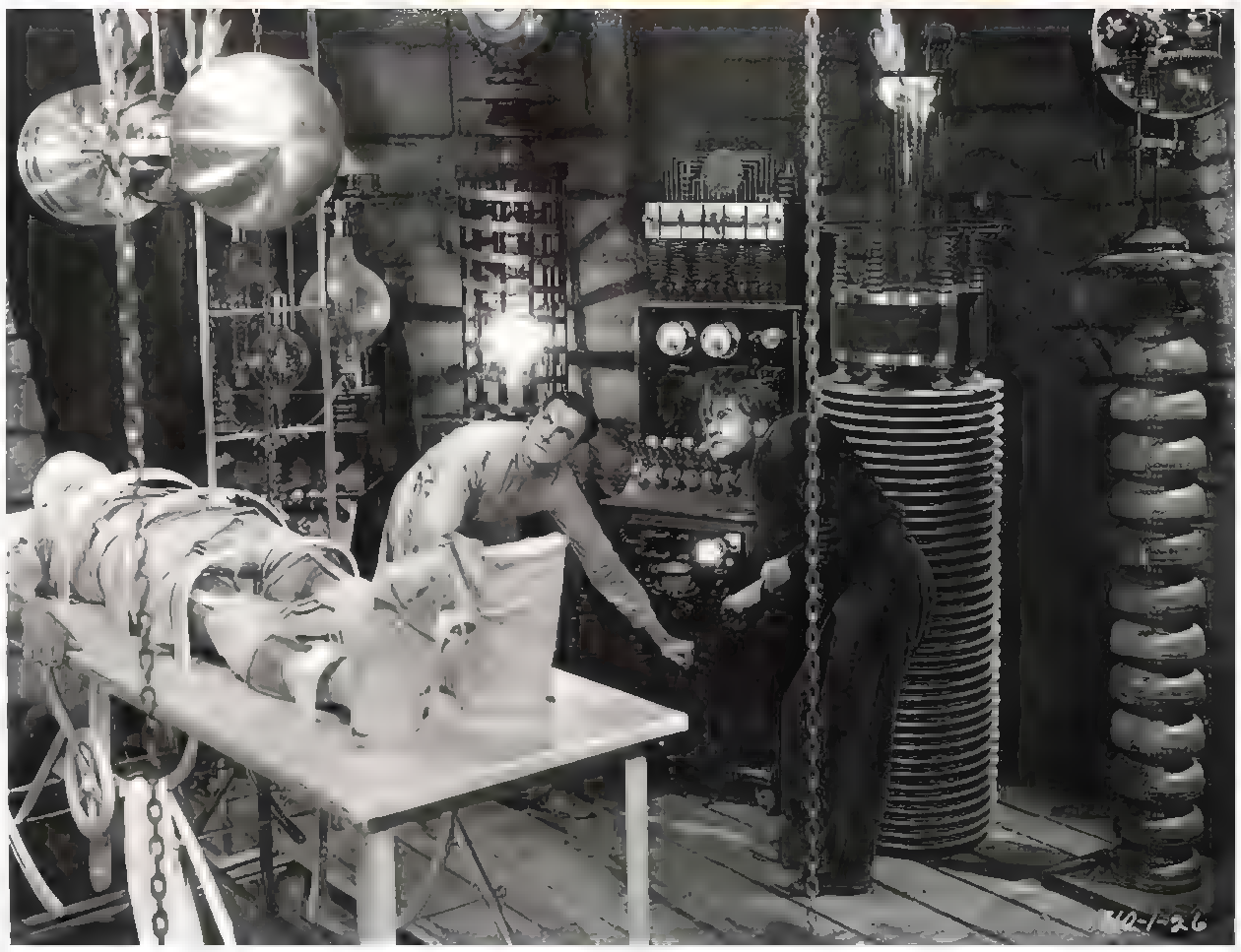


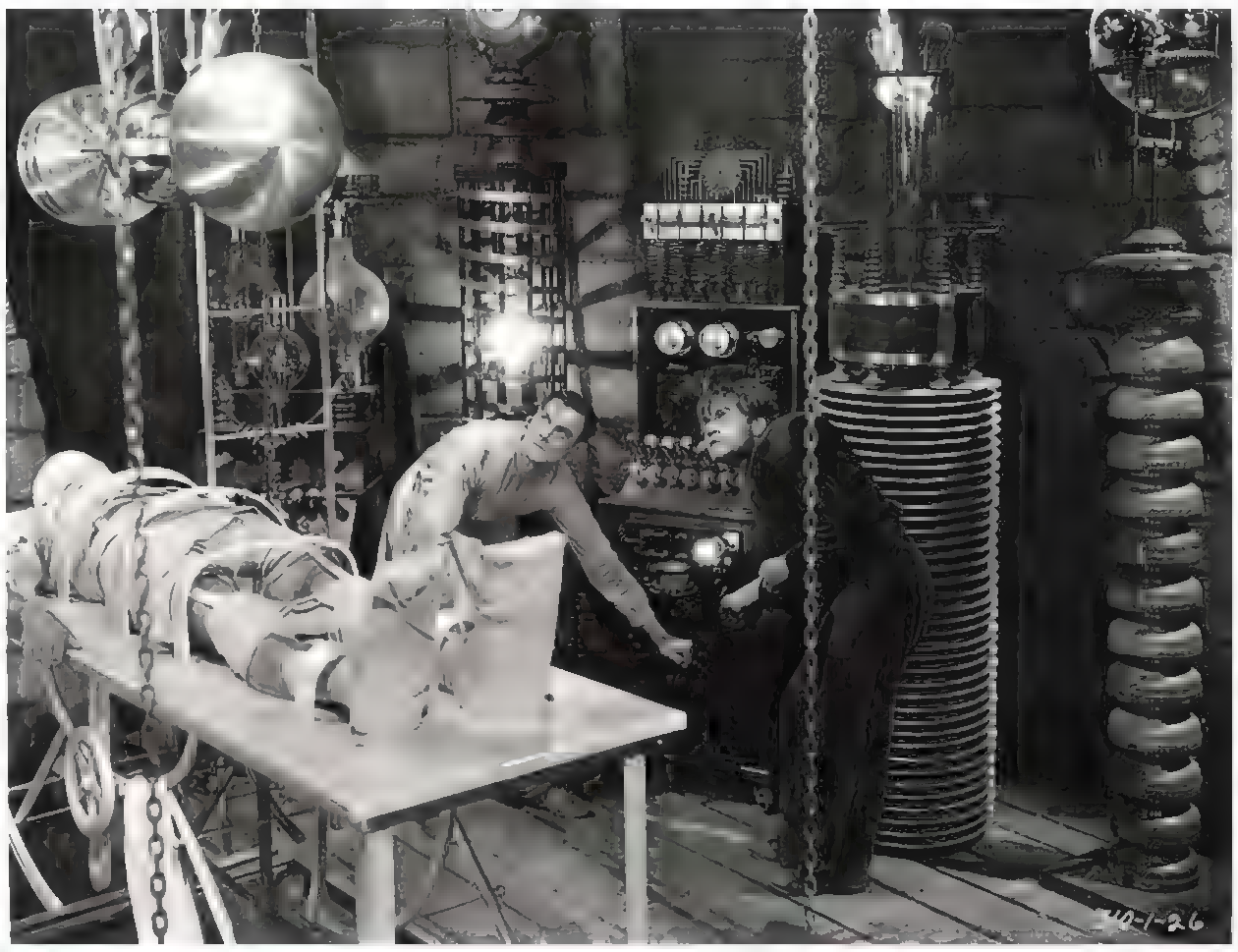




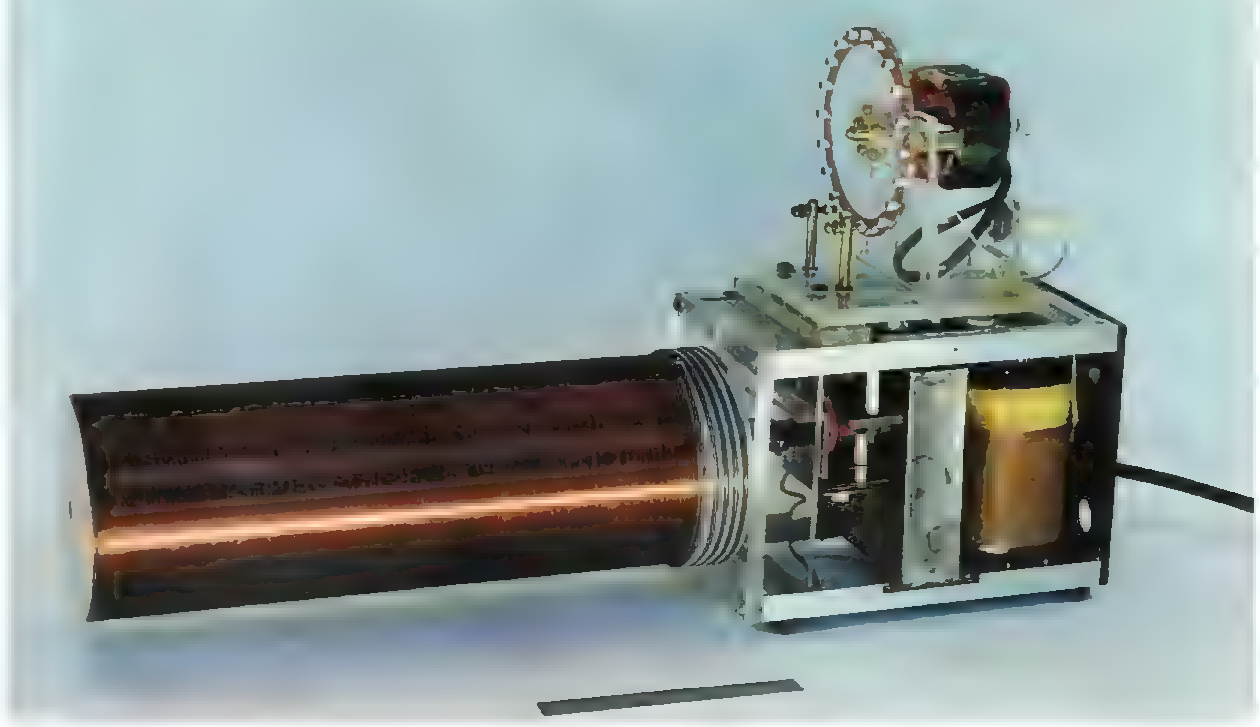





10-1-26



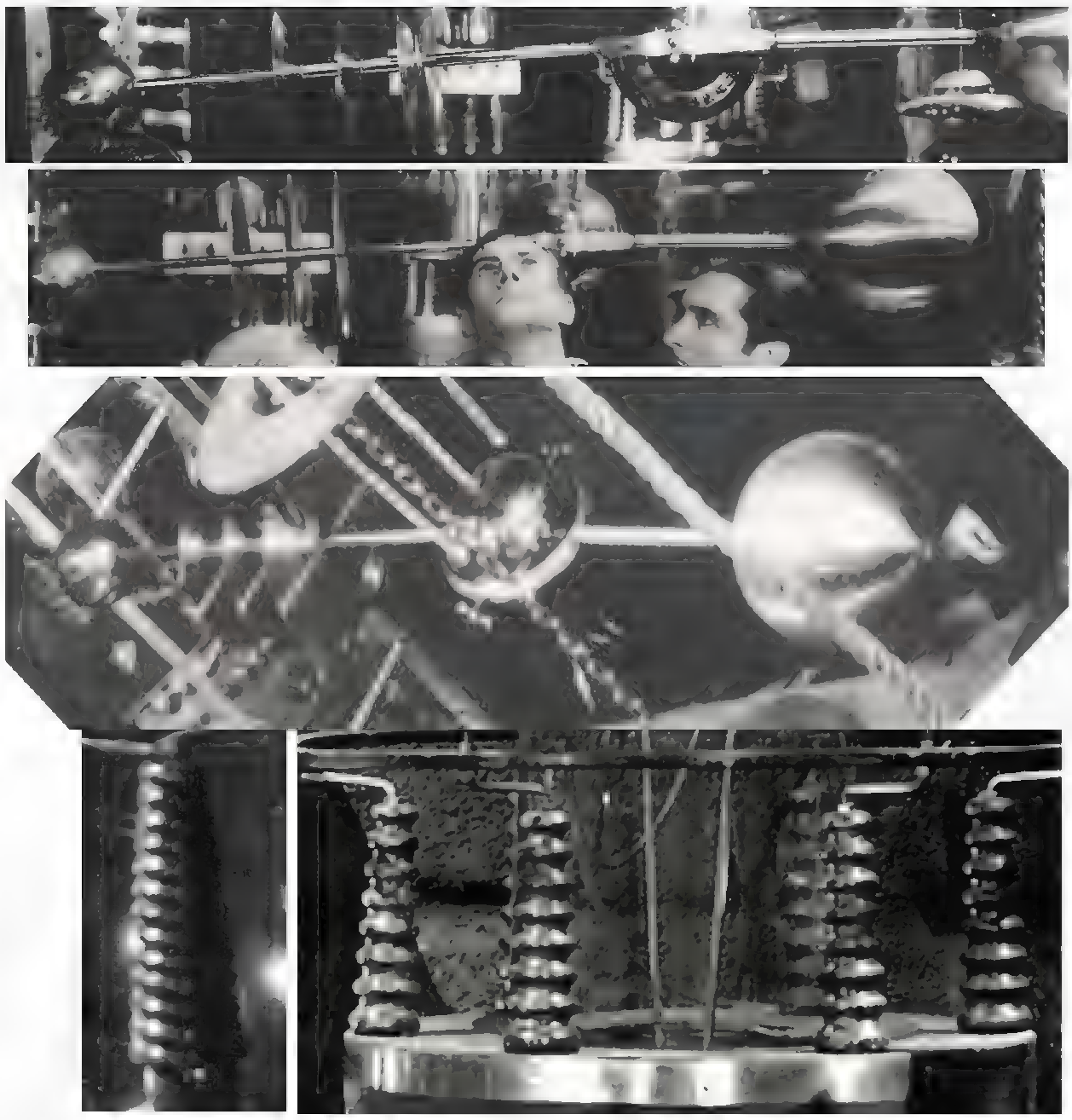
Ken Strickfaden's "Mini-Meg"









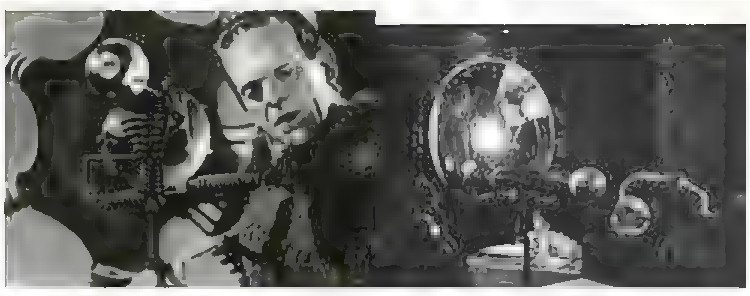


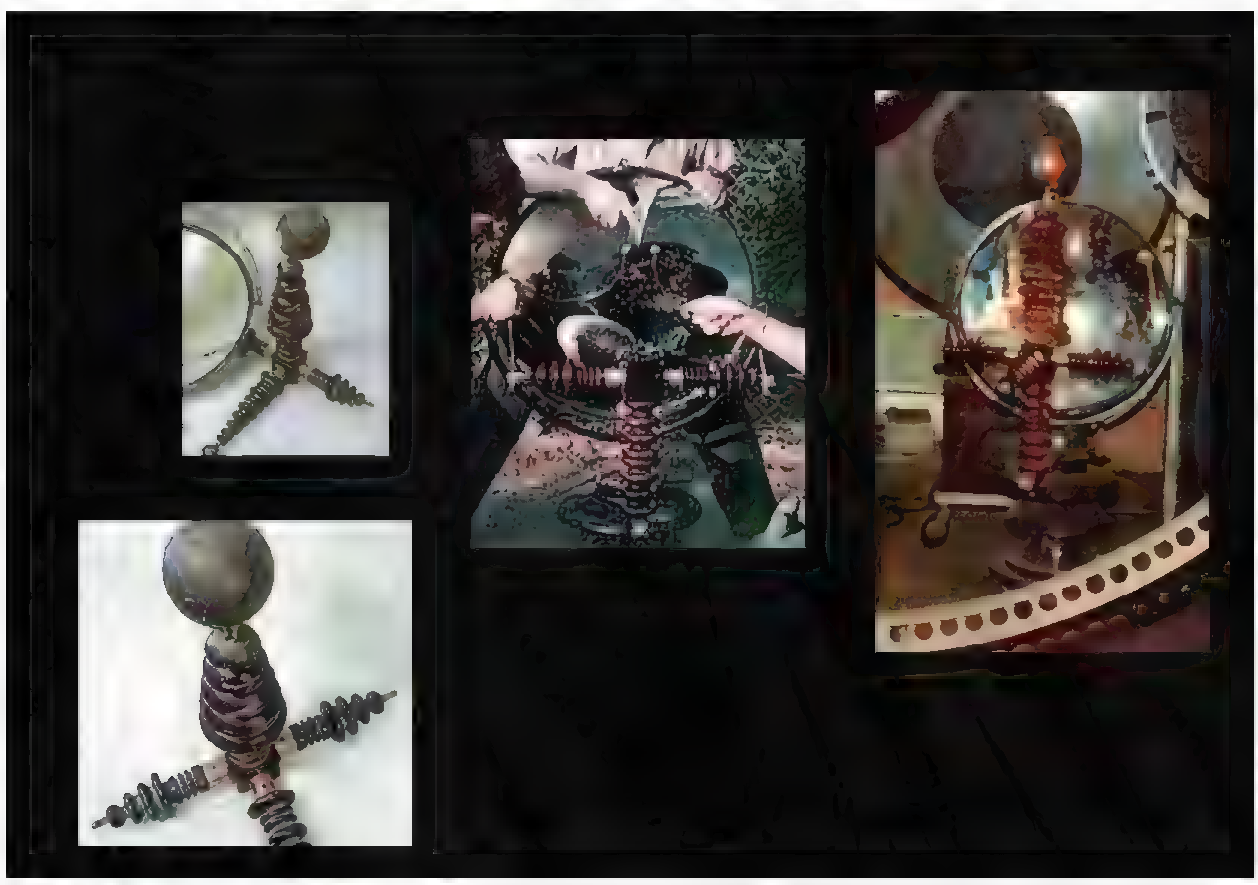




Missing Kenny Pieces





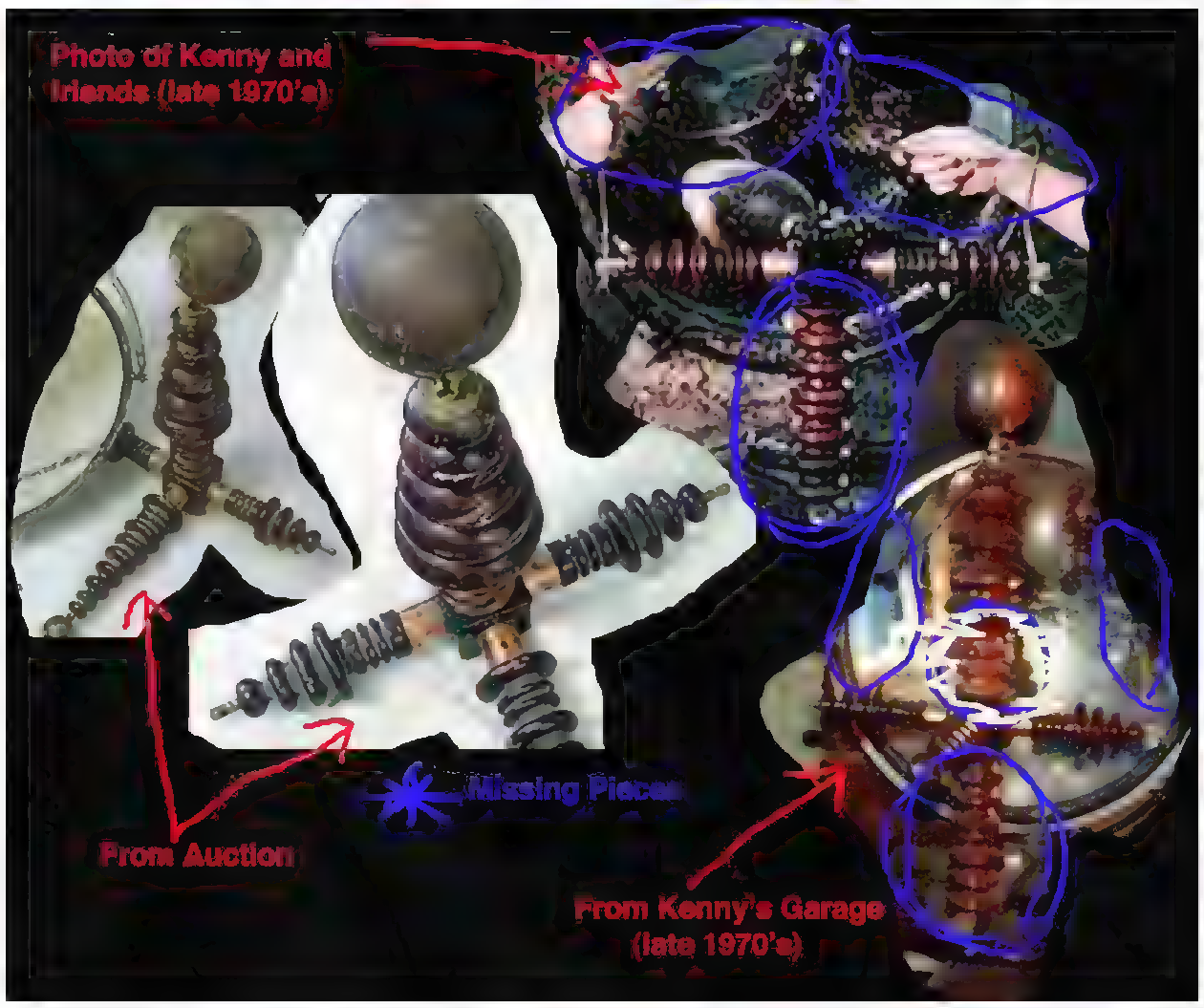


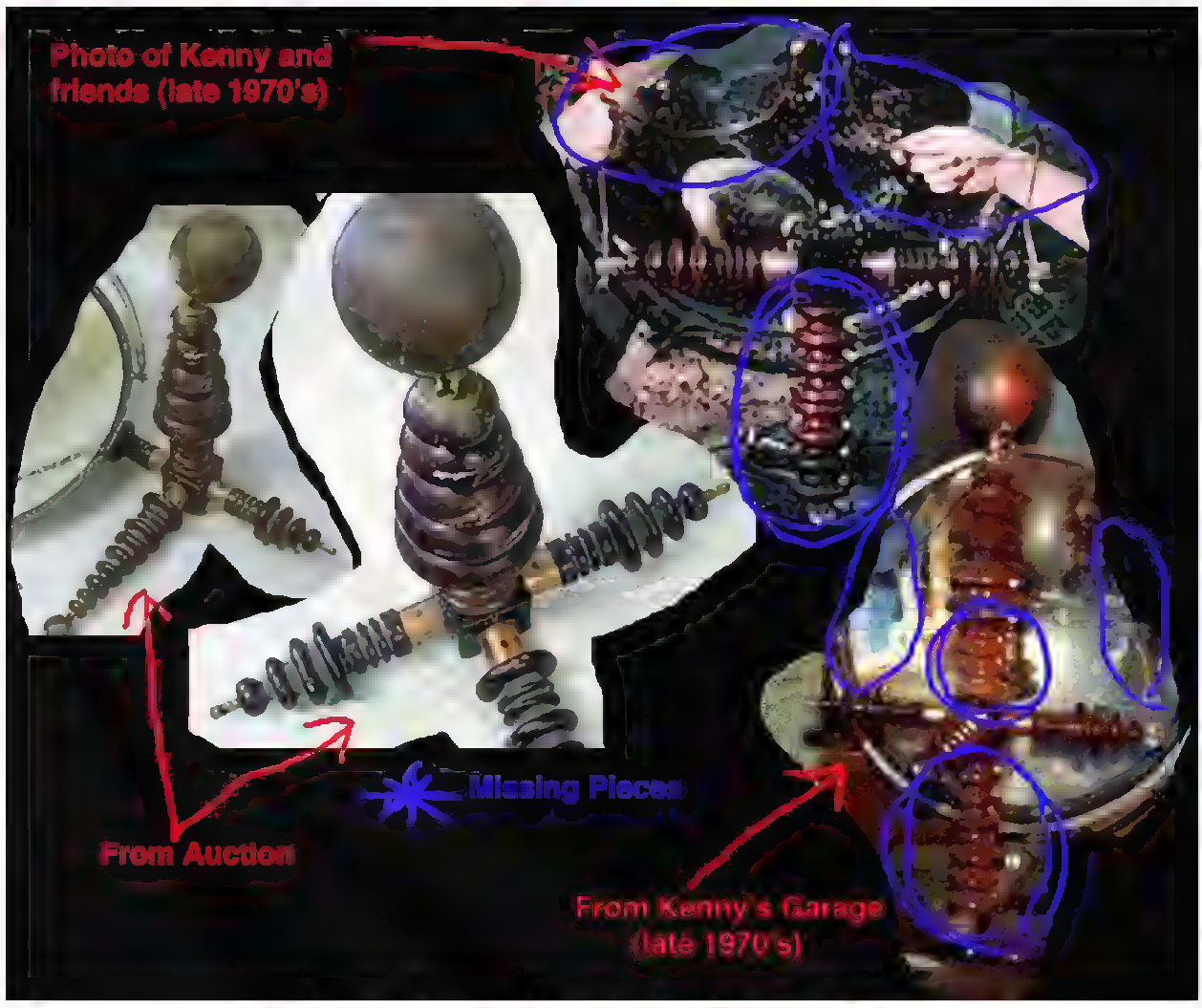









Photo of Kenny and friends (late 1970's)
Missing Pieces
From Auction
From Kenny's Garage (late 1970's)


Photo of Kenny and friends (late 1970's)
Missing Pieces
From Auction
From Kenny's Garage (late 1970's)



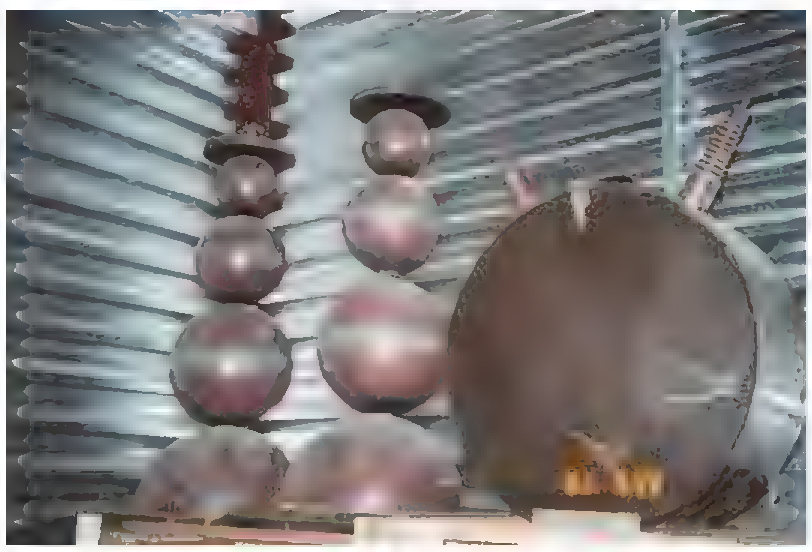








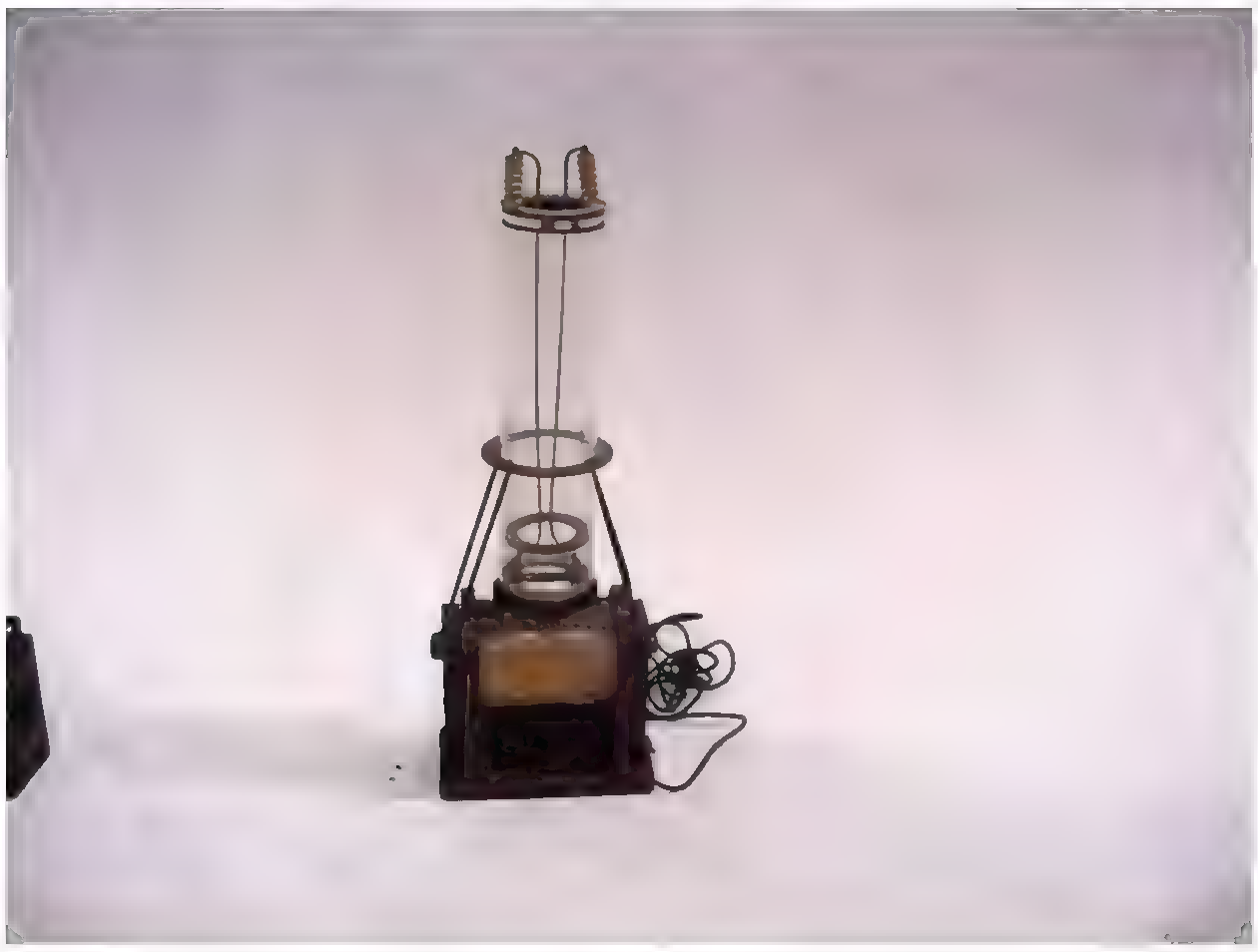
Nebularium



Power Towers



Psycho Gyro





Small Travelling Arc



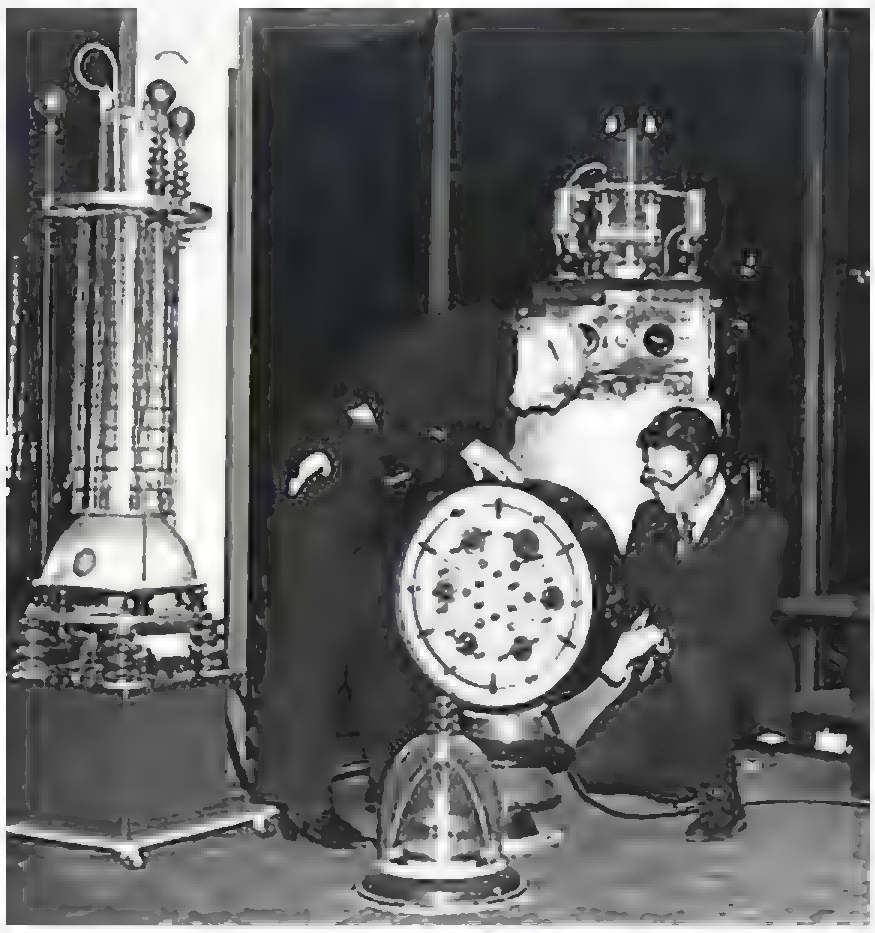
Tall Cone Electrodes

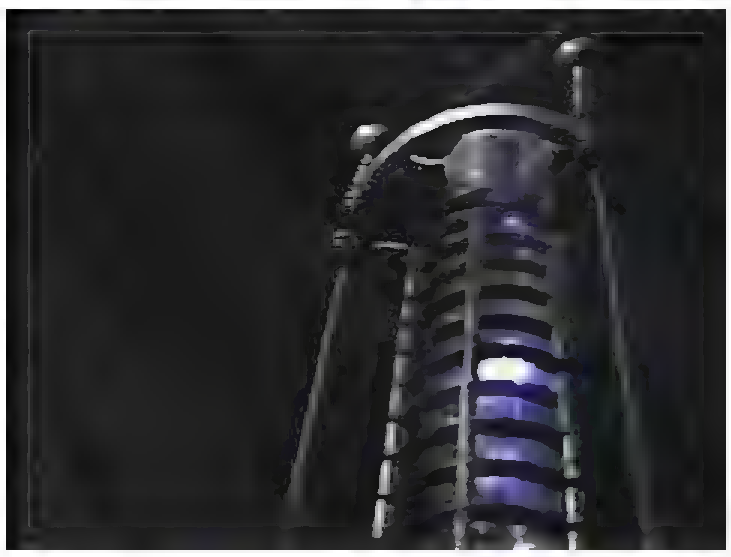








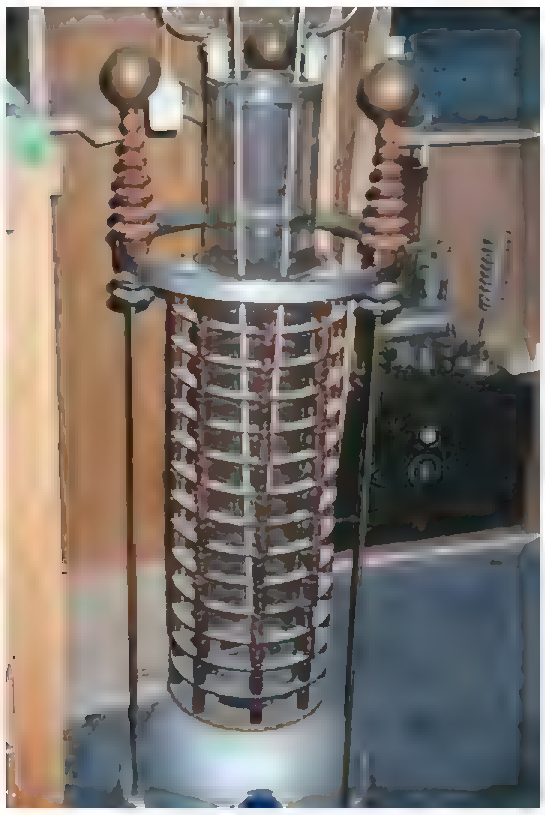


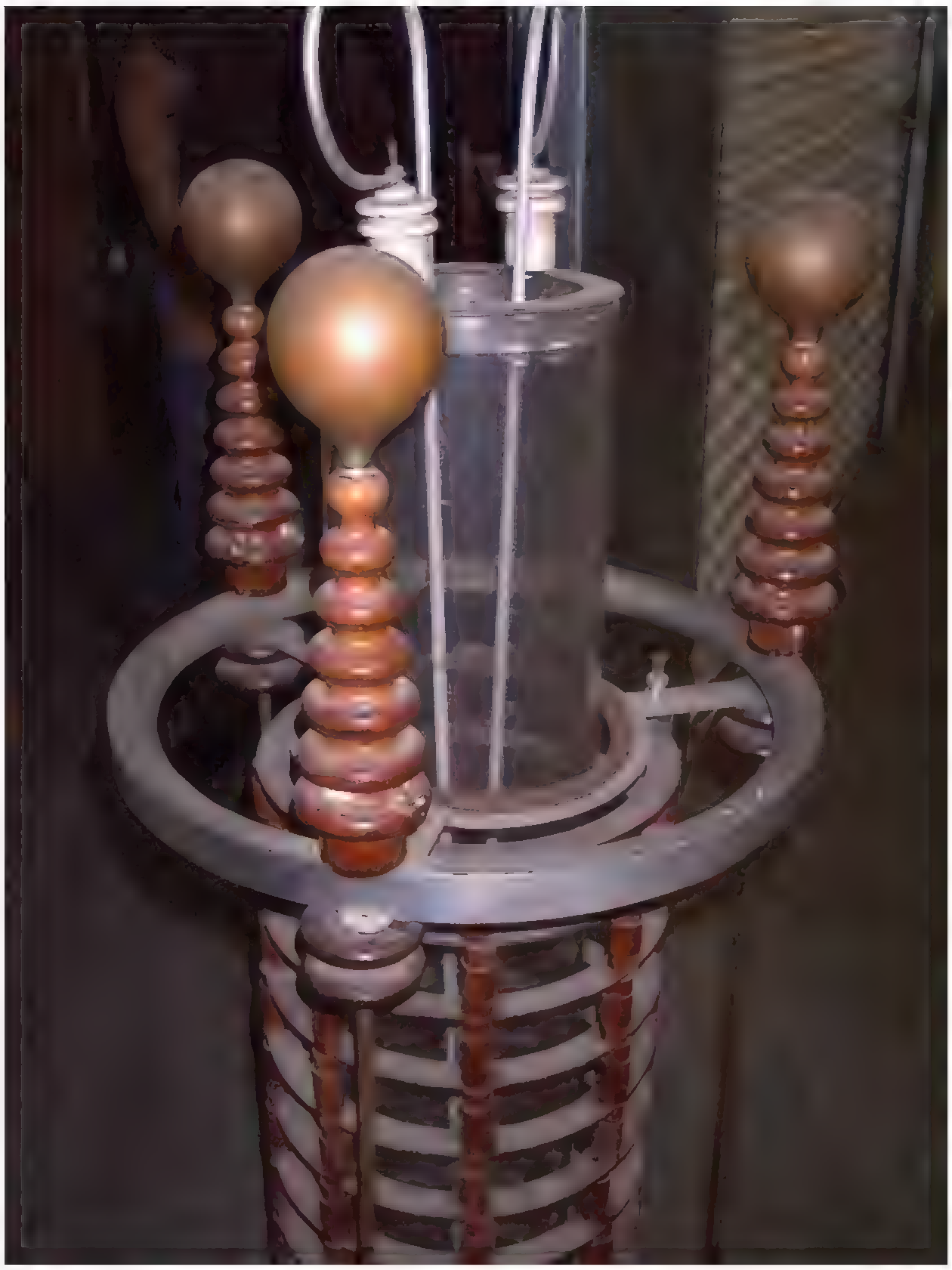






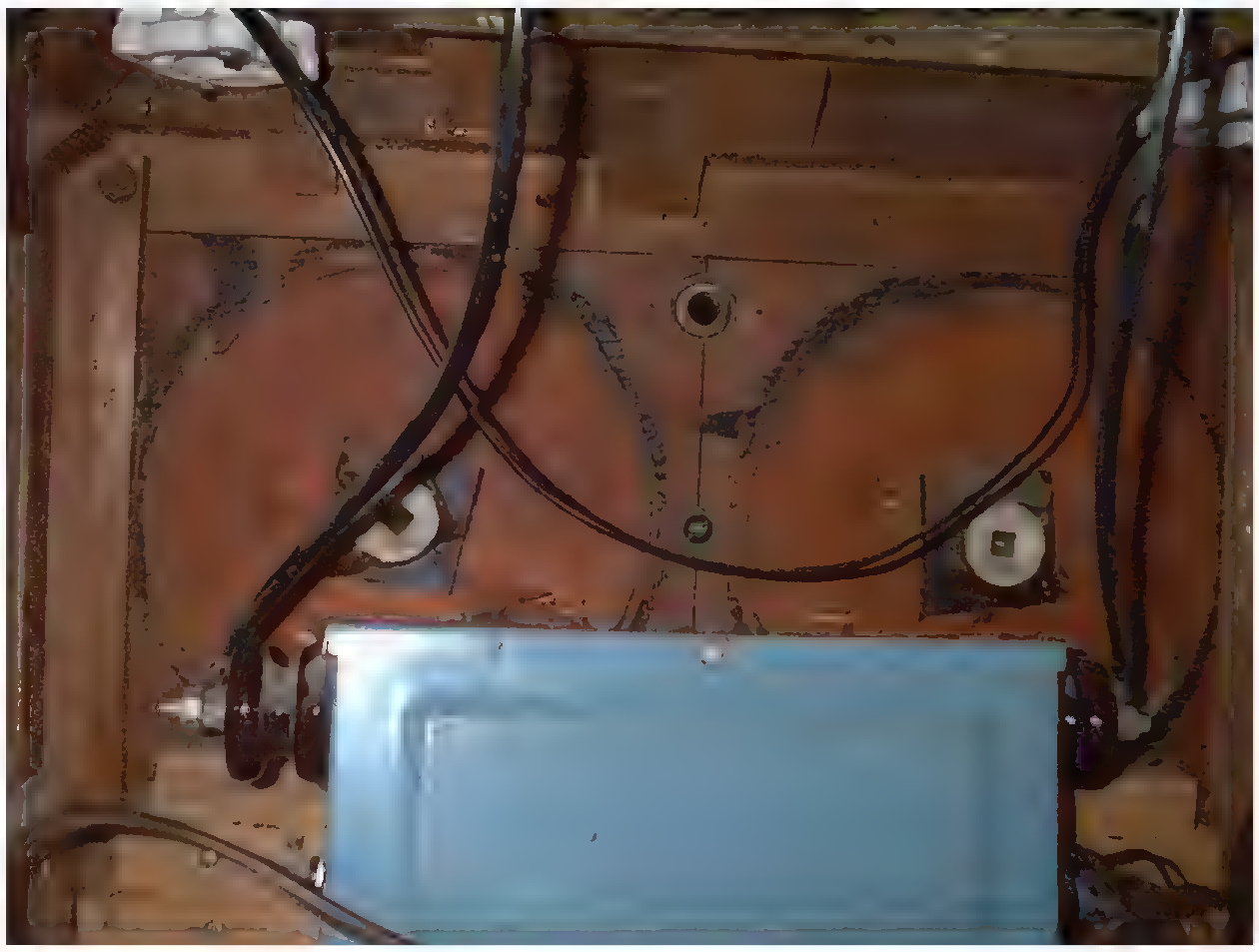




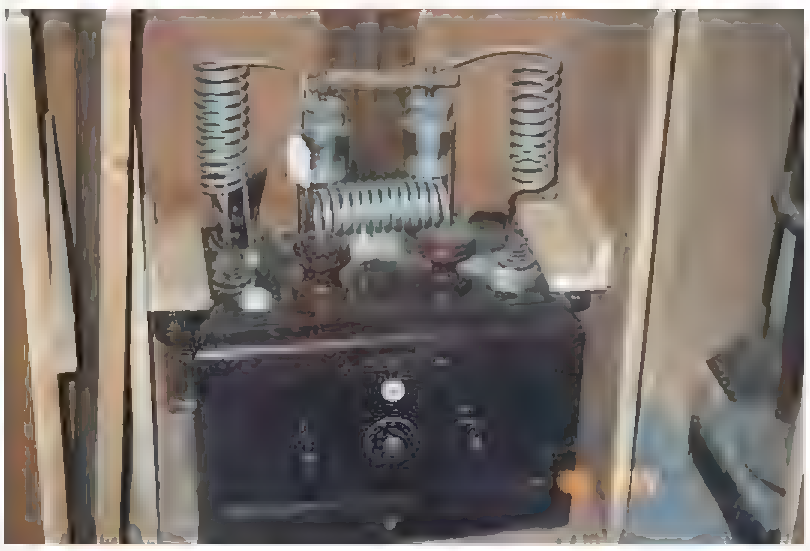




Variable Travelling Arc



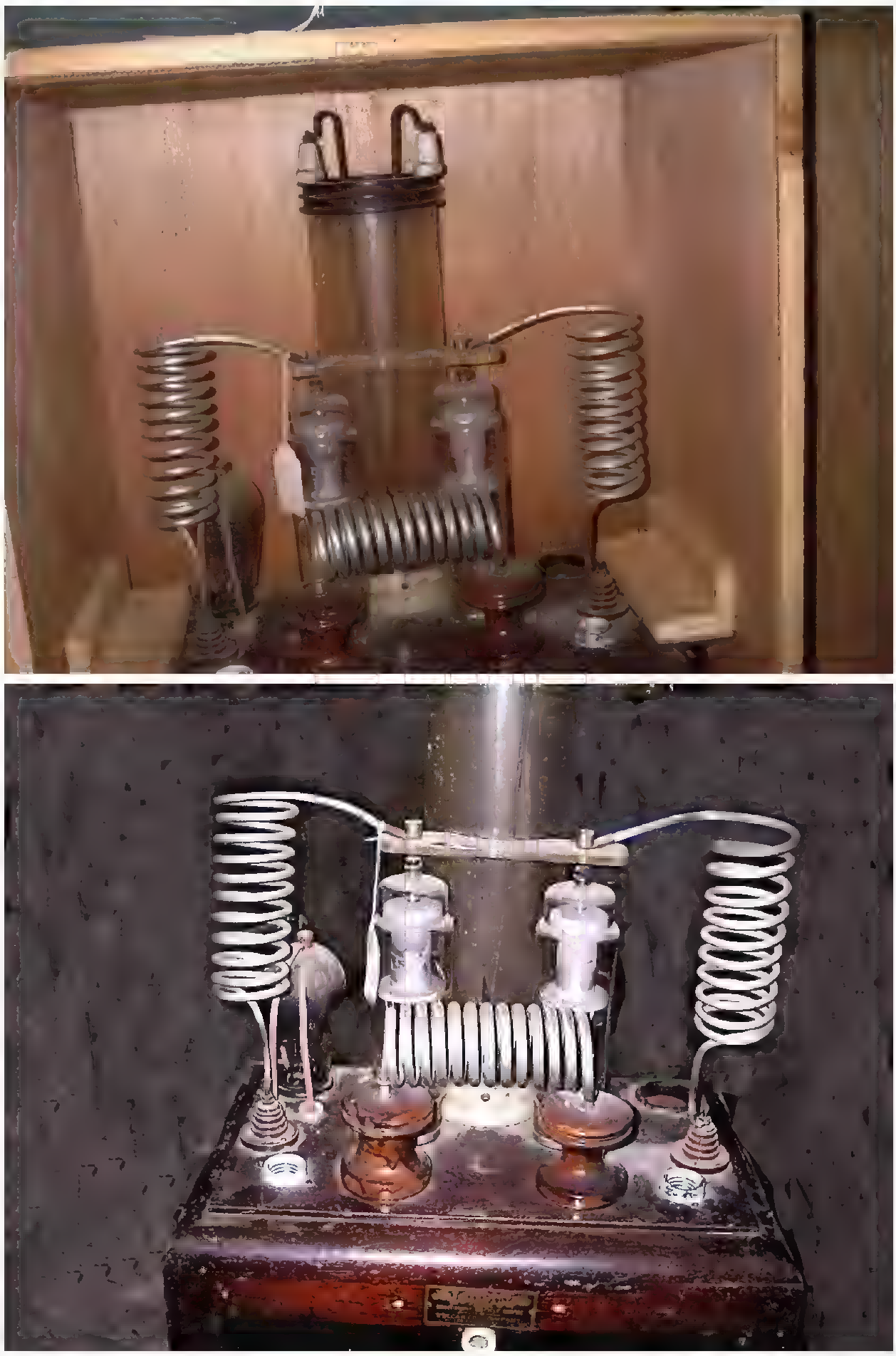


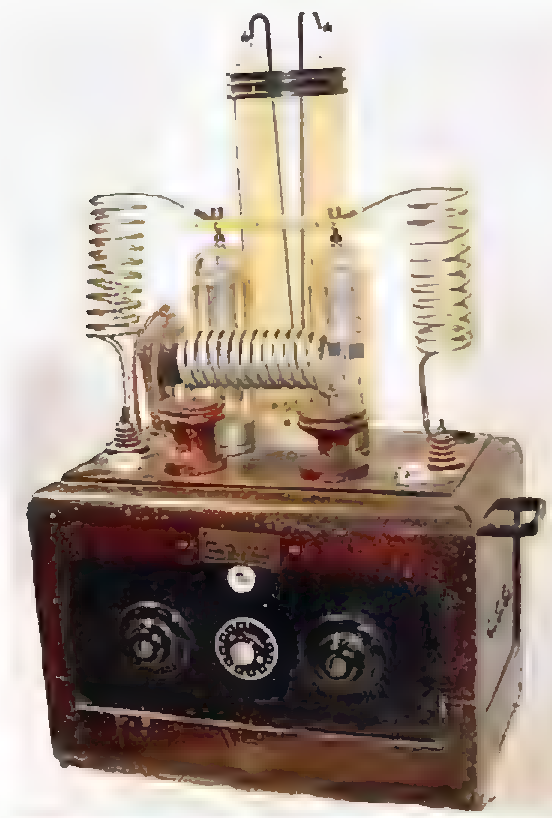


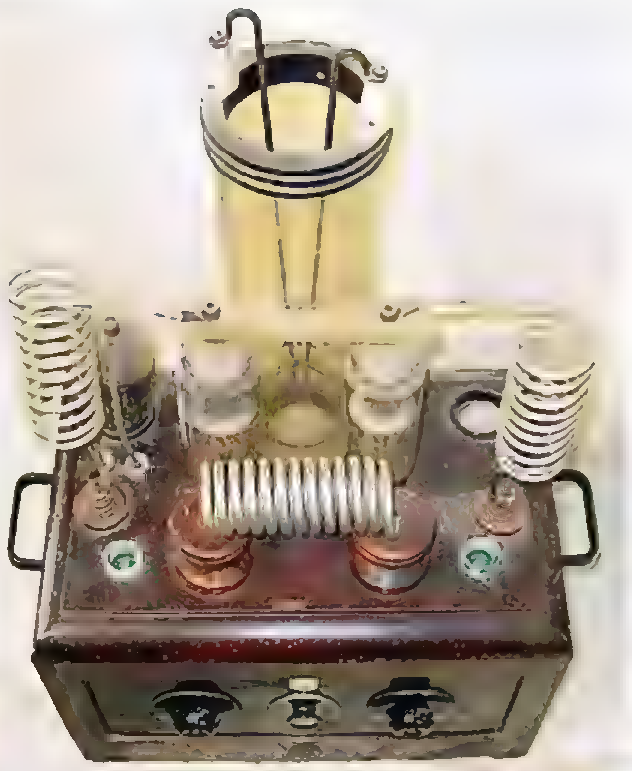
















Vulcan Arc











Zappatron



Asbestos Suit





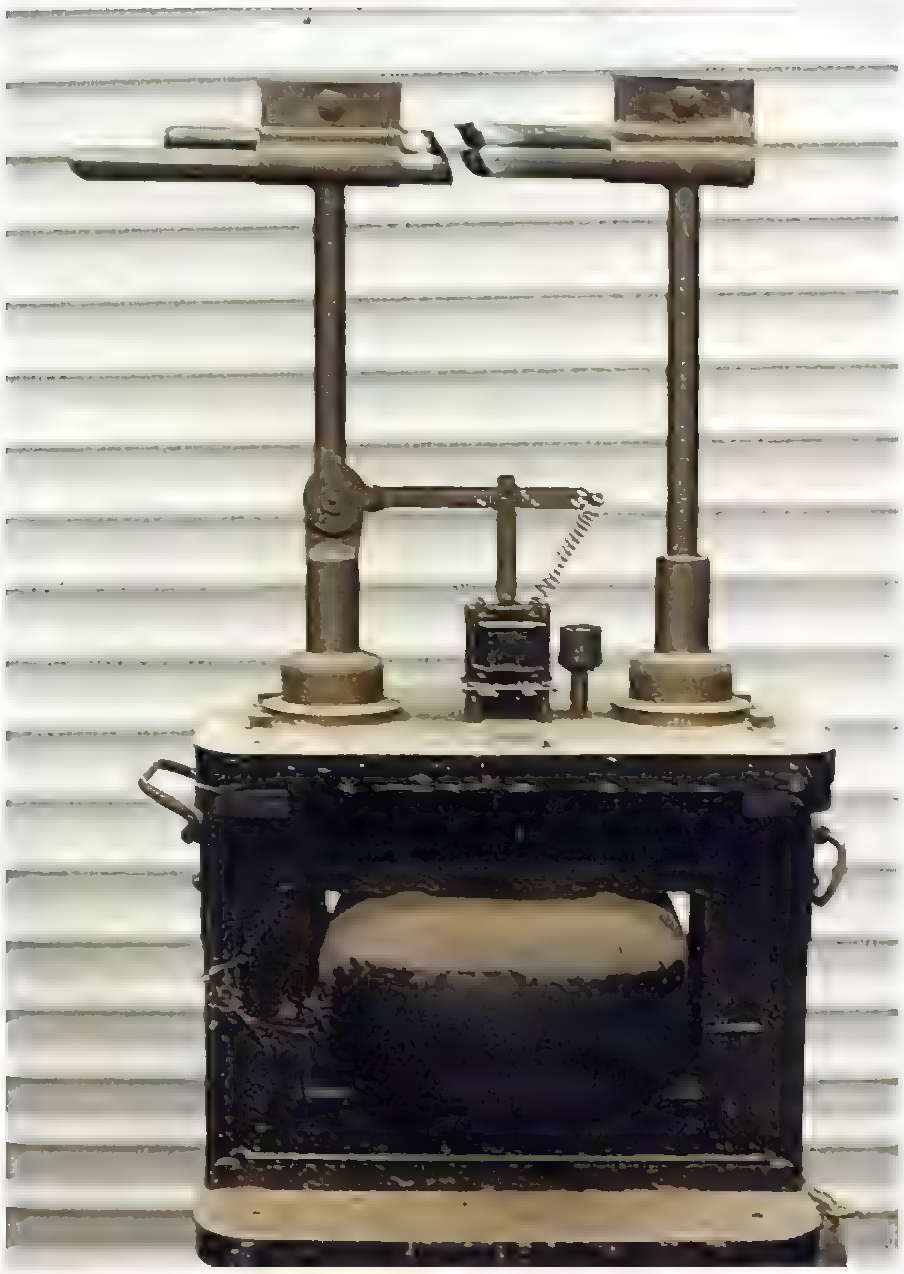














Carbon Arcs











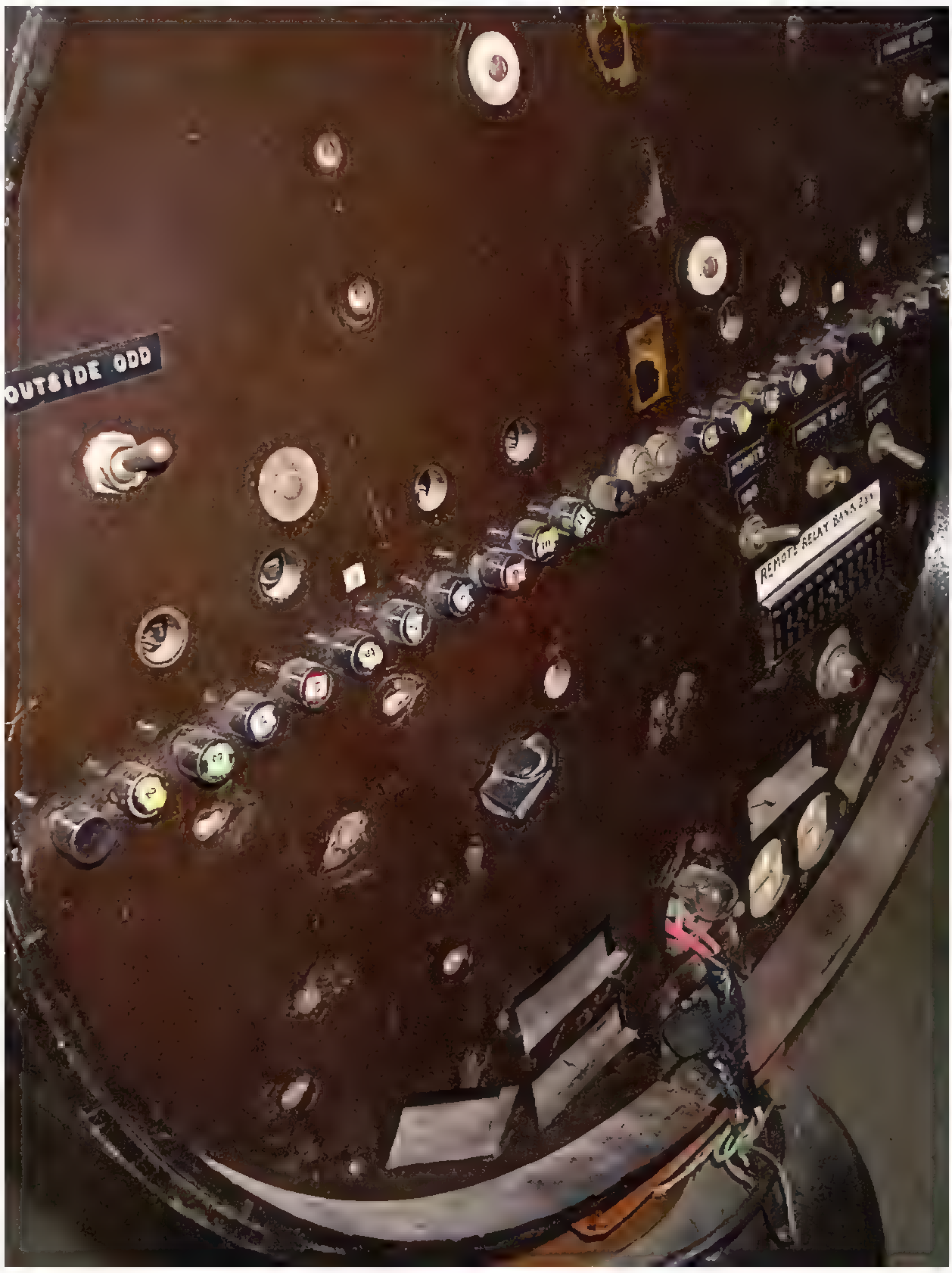


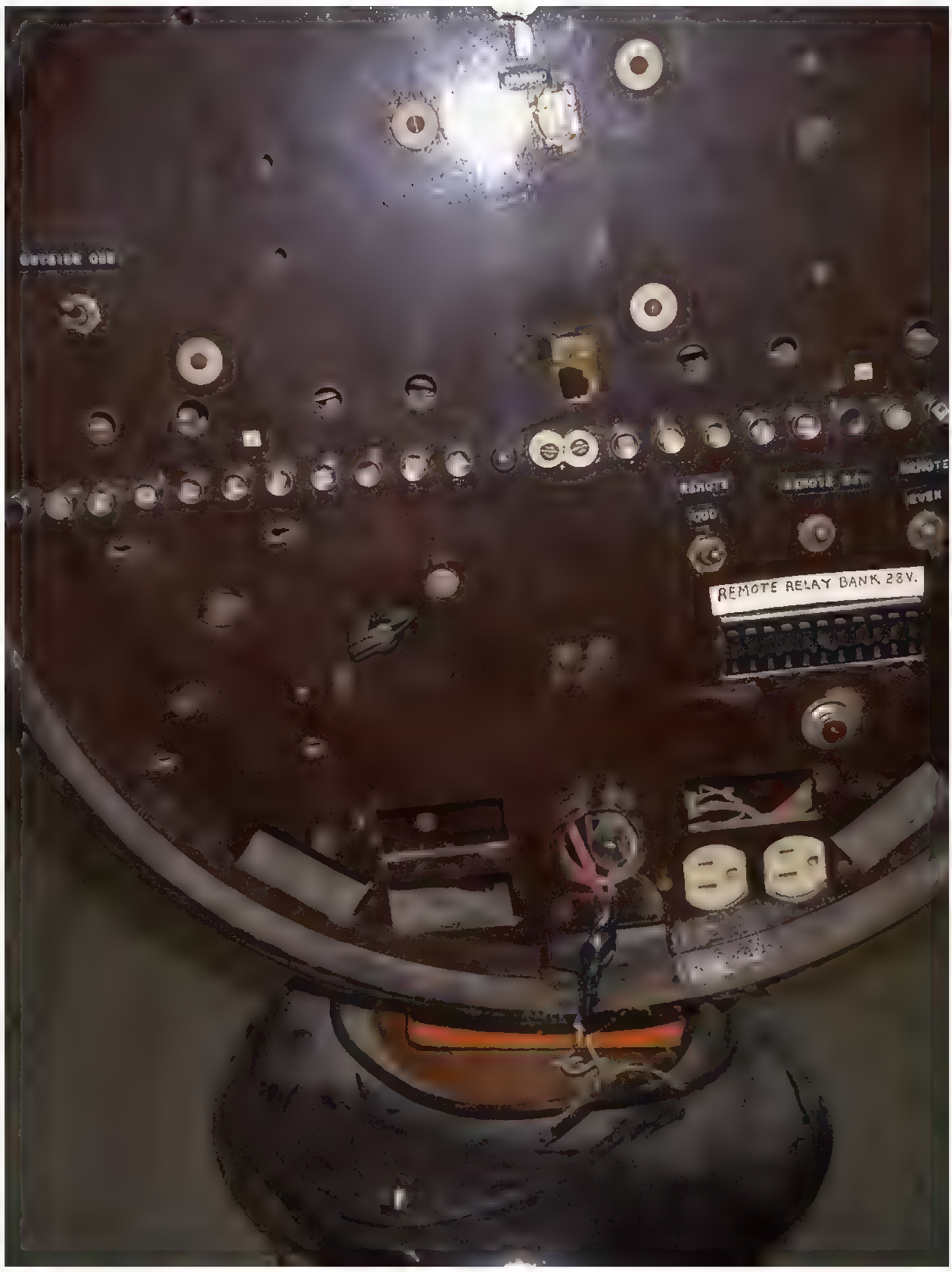
I think this is the ball.

Large Copper Ball

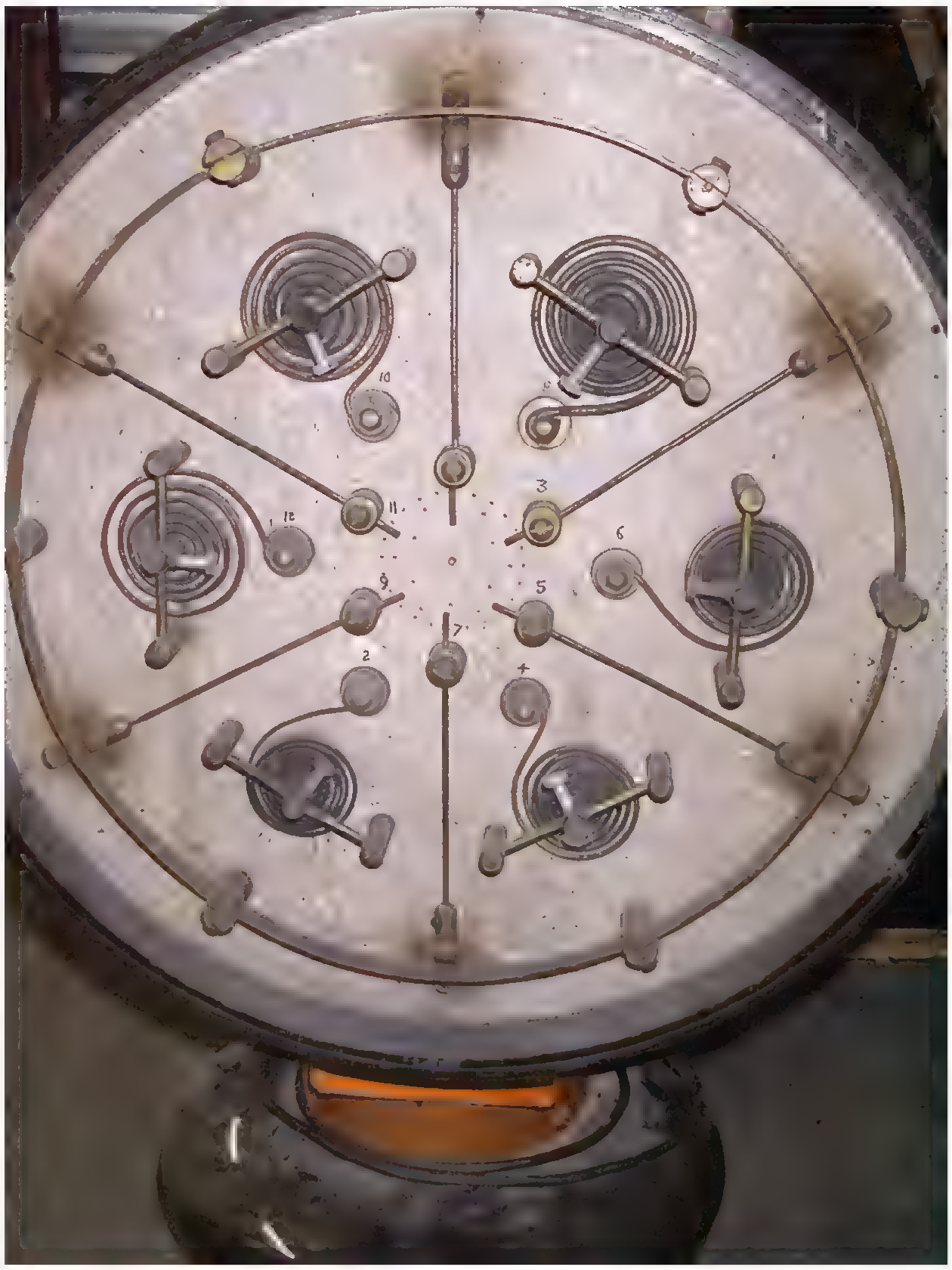


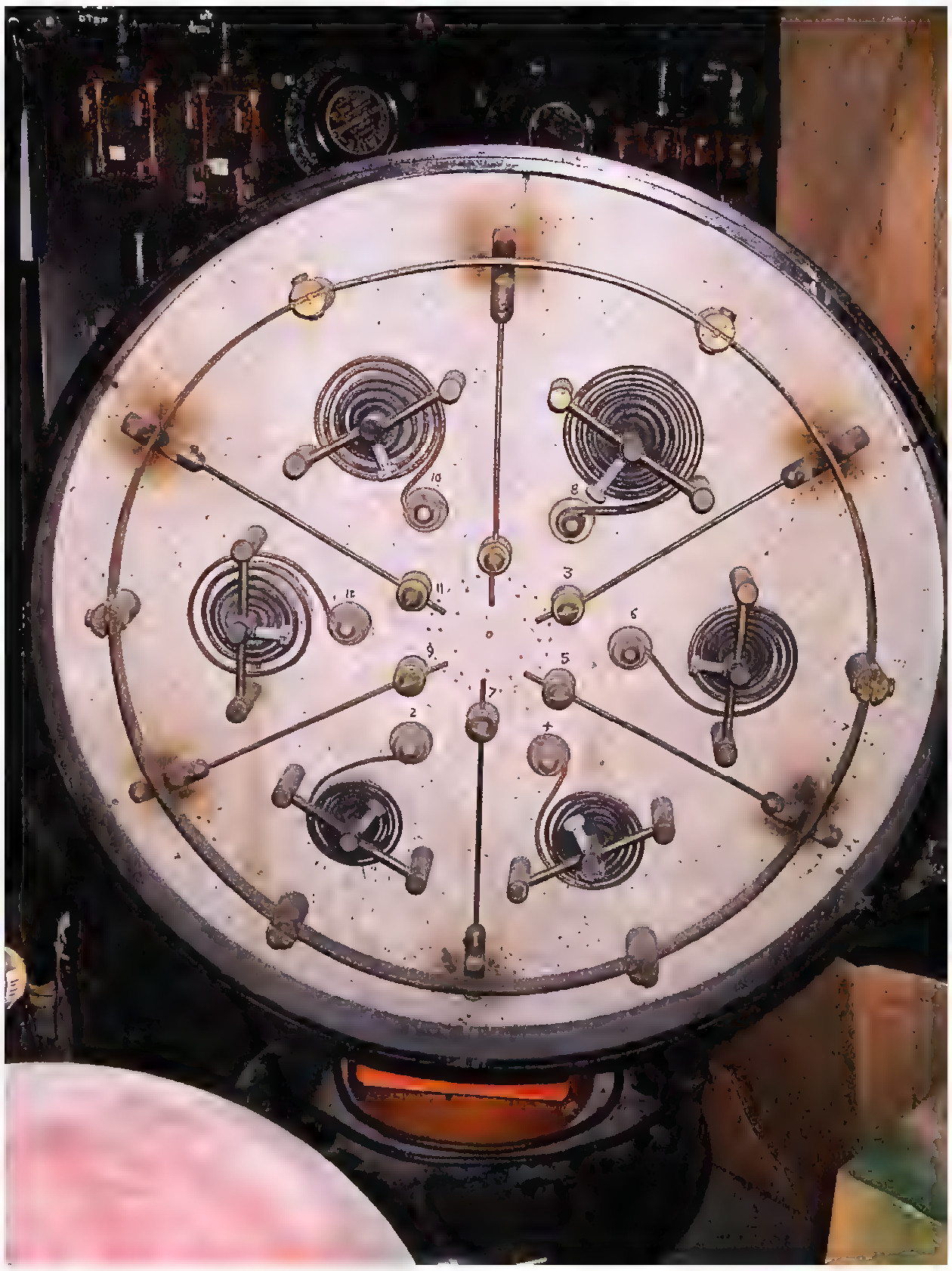

REMOTE
REMOTE RELAY BANK 28V

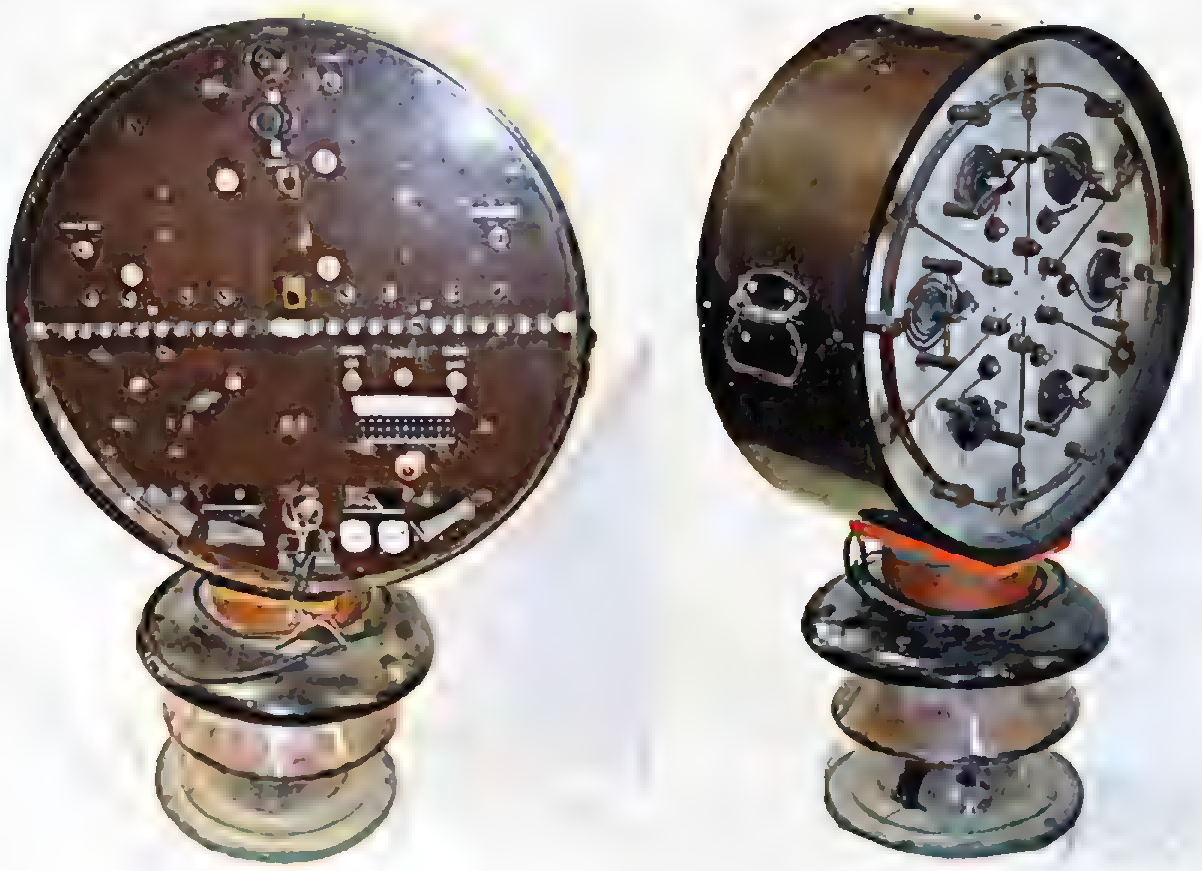

OUTSIDE ODD
REMOTE RELAY BANK 2


REMOTE RELAY BANK 28V.




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Digital Disputer



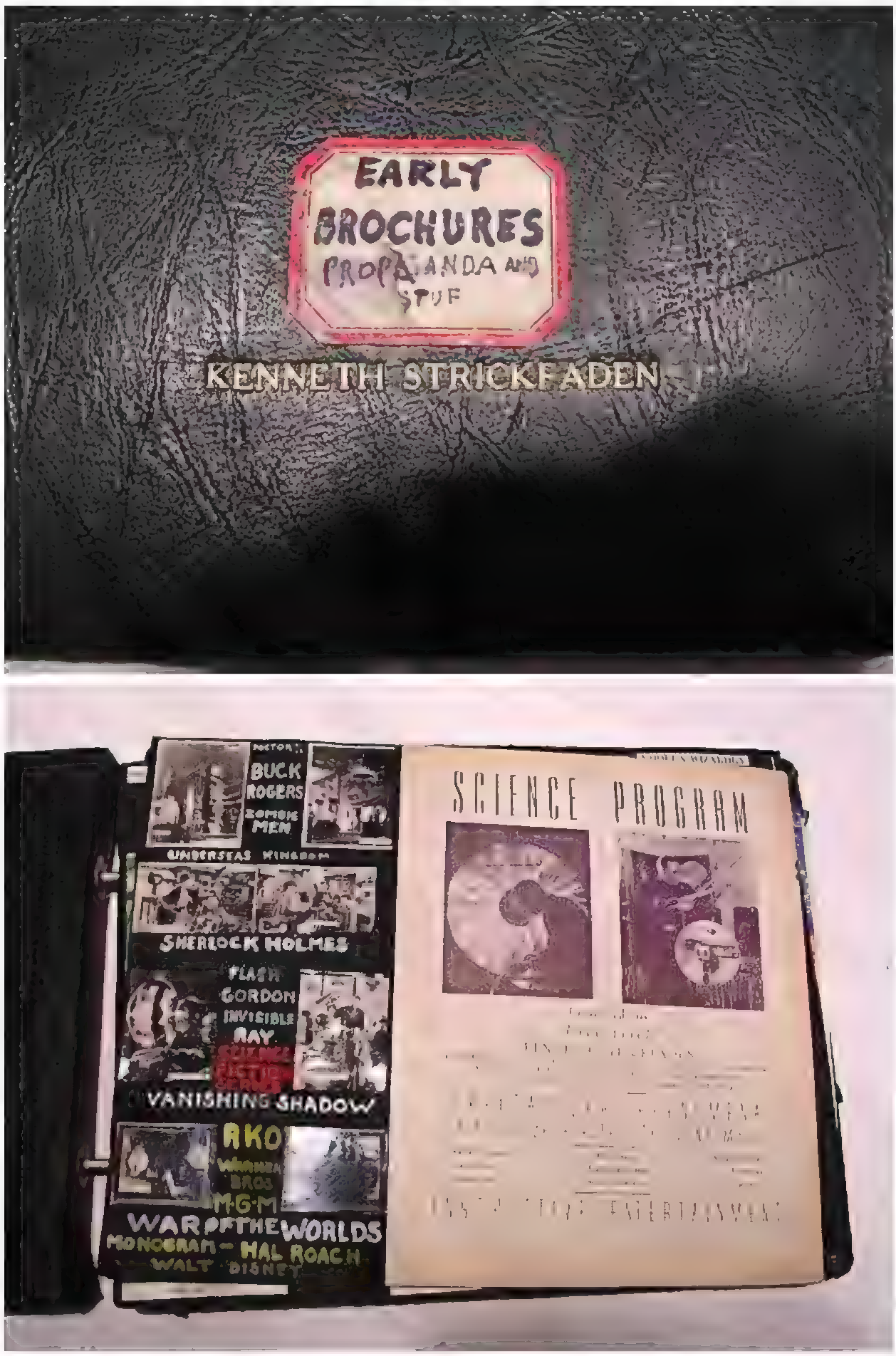




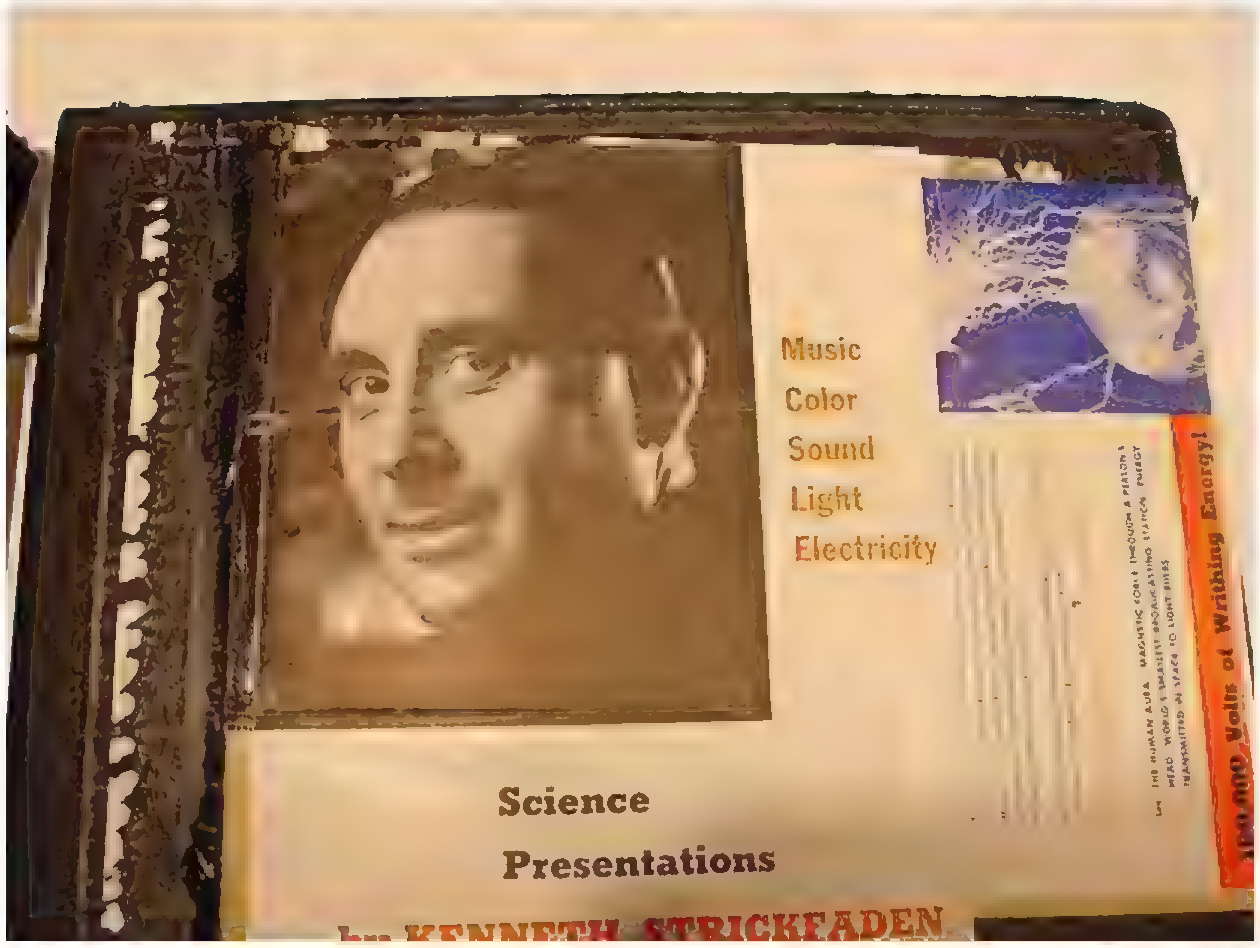
Domeblatt




SOUVENIRS


EARLY
BROCHURES
KENNETH STRICKFADEN
BUCK ROGERS
ZOMBIE MEN
SHERLOCK HOLMES
FLASH GORDON
INVISIBLE RAY
VANISHING SHADOW
RKO
M-G-M
WAR OF THE WORLDS
MONOGRAM - HAL ROACH
WALT DISNEY
SCIENCE PROGRAM

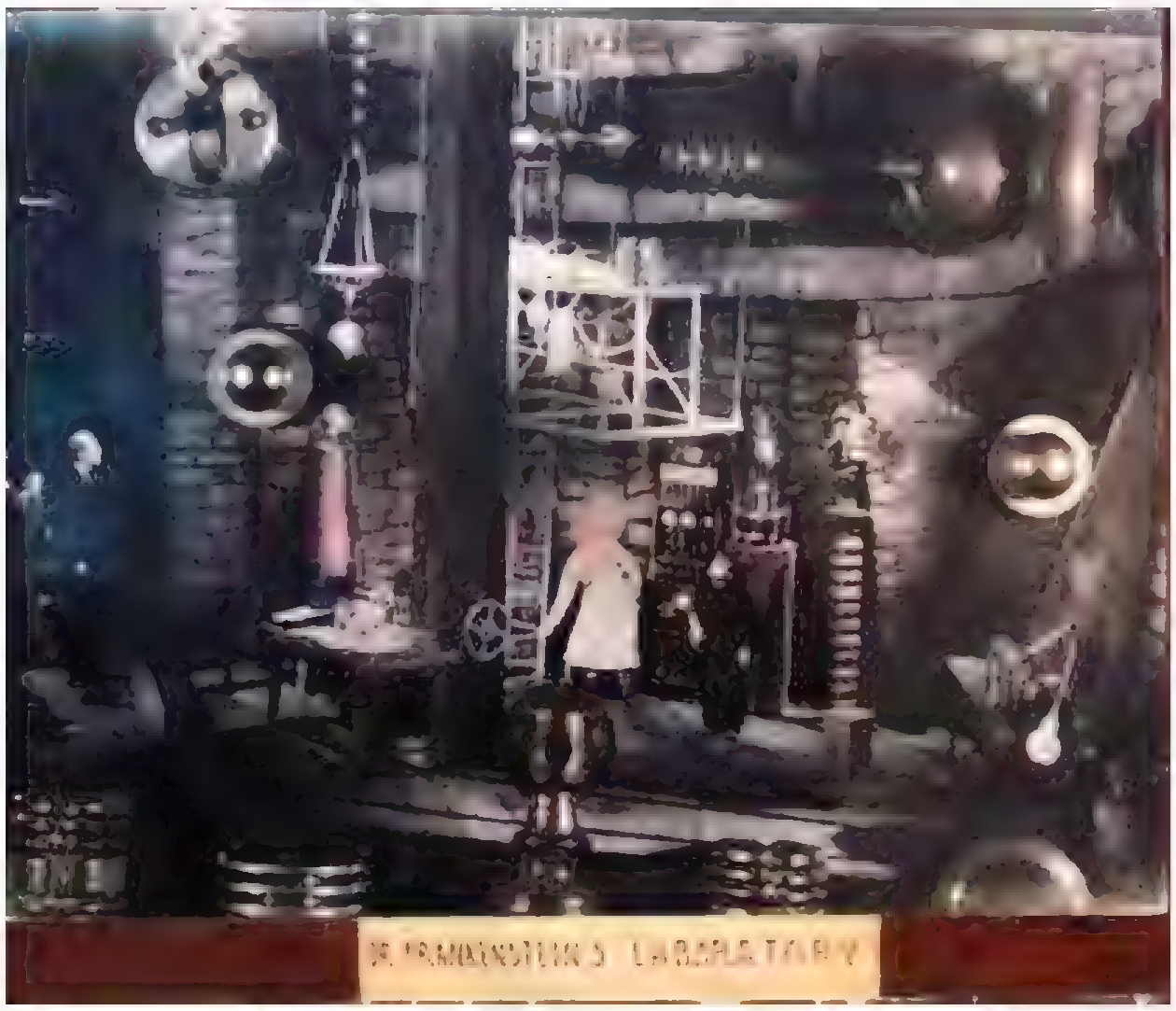

A MILLION VOLTS
SCIENCE
ENTERTAINMENT
PRESENTED BY
KENNETH STRICKFADEN
PHENOMENA
Inside and Outside Our World Past, Present
Exploring with Gravitational and


Music
Color
Sound
Light
Electricity
Science
Presentations
by KENNETH STRICKFADEN


EBAY-PHOTO

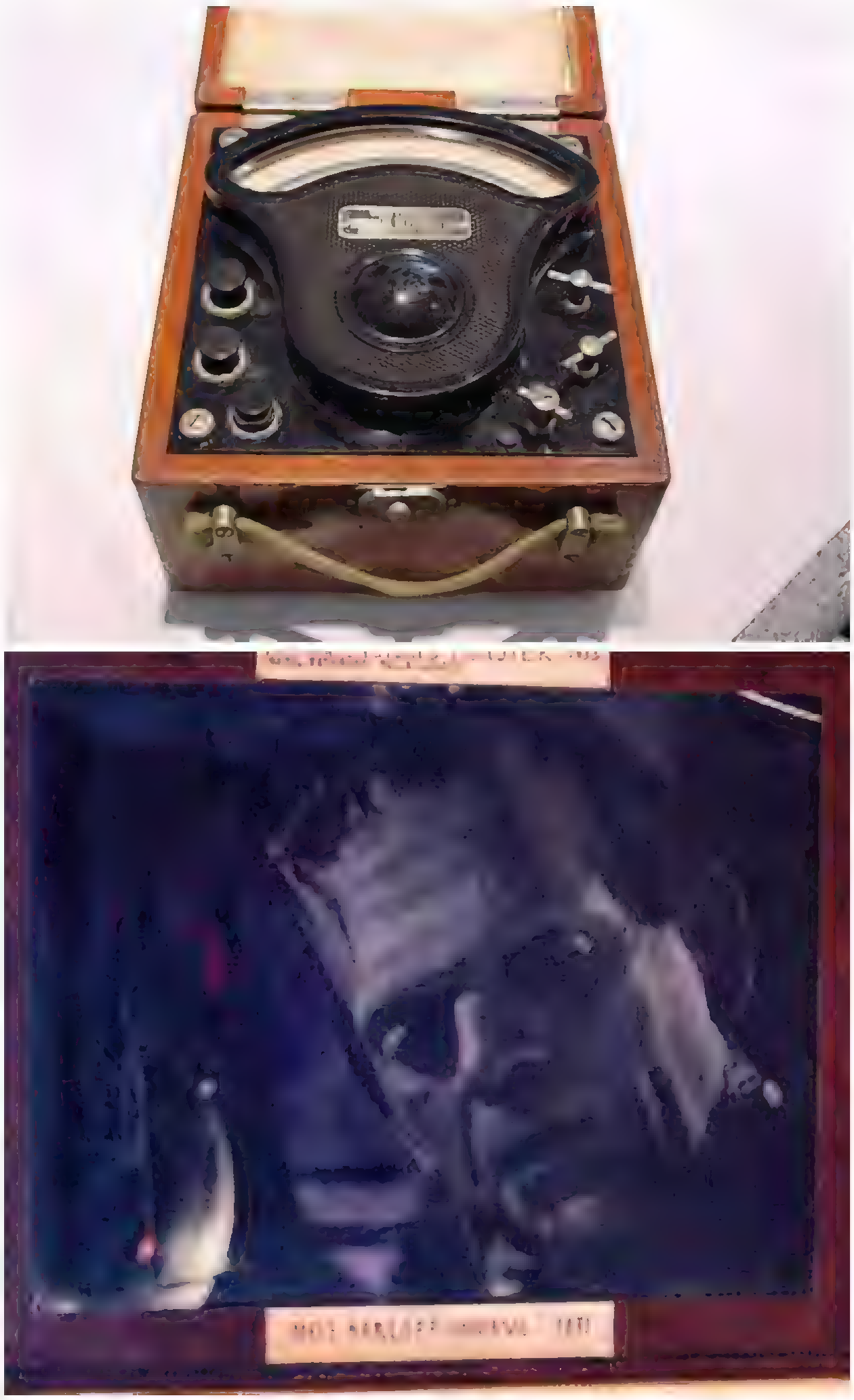

EBAY PHOTO




DR. FRANKENSTEIN'S LABORATORY








THUBIAN
WHIRX


LEMURIAN
WHID

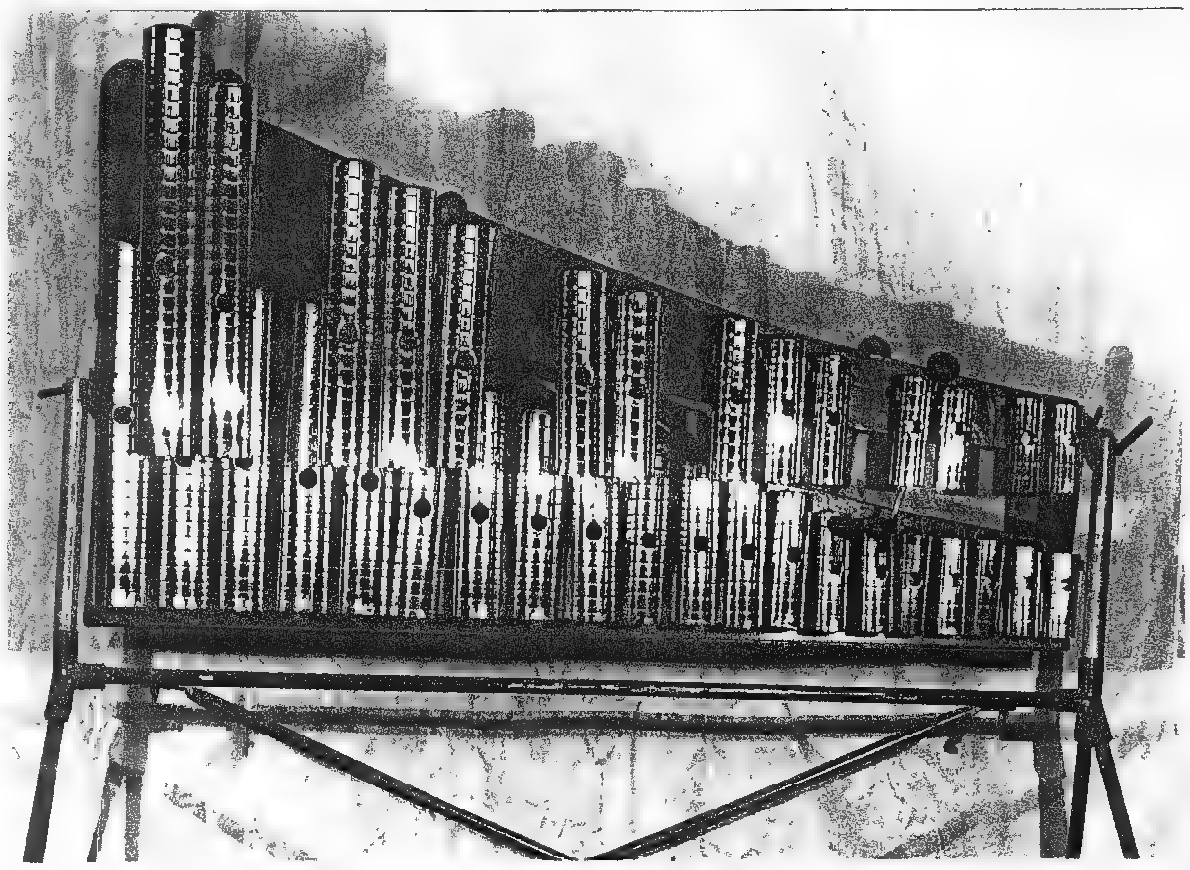

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AUTISSER
FROM
NORTH KIMTRU









Science Presentations

by KENNETH STRICKFADEN



Kenny's Last Photo
January-1984








. SETS



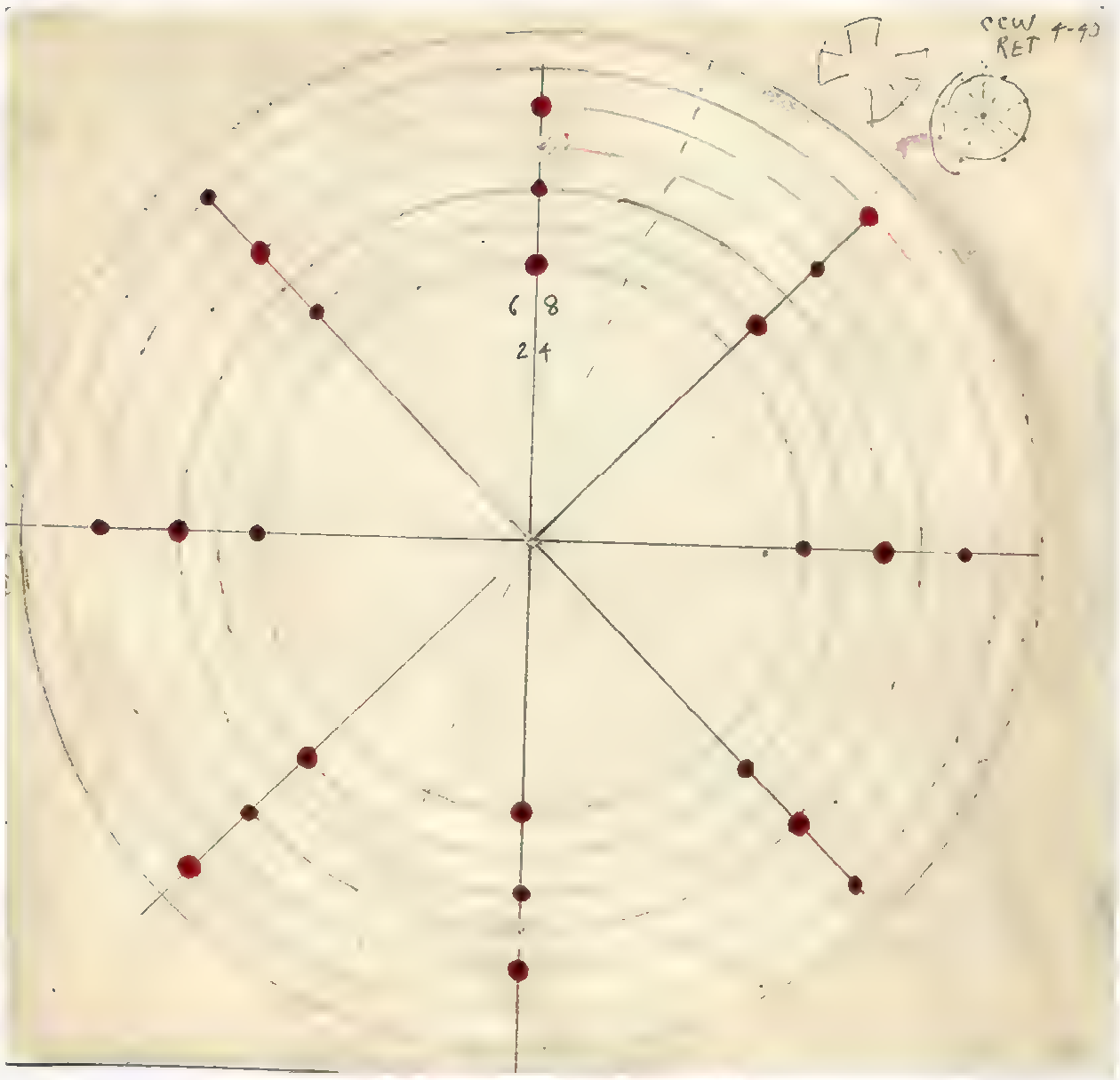

STI


STUDIO LAB SETS

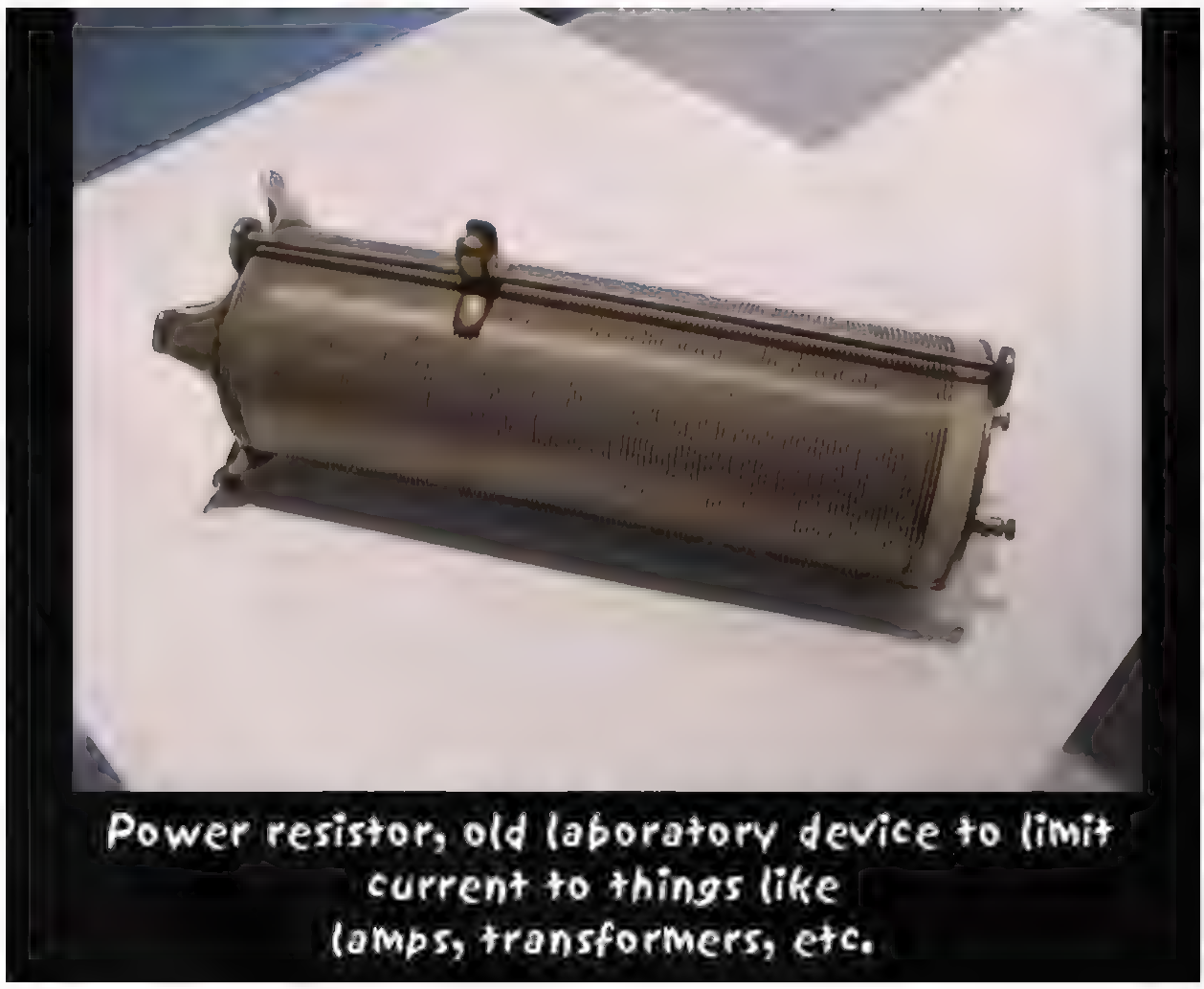

STUDIO LAB. SETS
. SETS






SCW
RET 4-90
6
8
2
4





Power resistor, old laboratory device to limit current to things like lamps, transformers, etc.








TASMANIAN
GWILP
Watercolor by Kenny


PORTABLE
Voltmeter No.
PATENTED

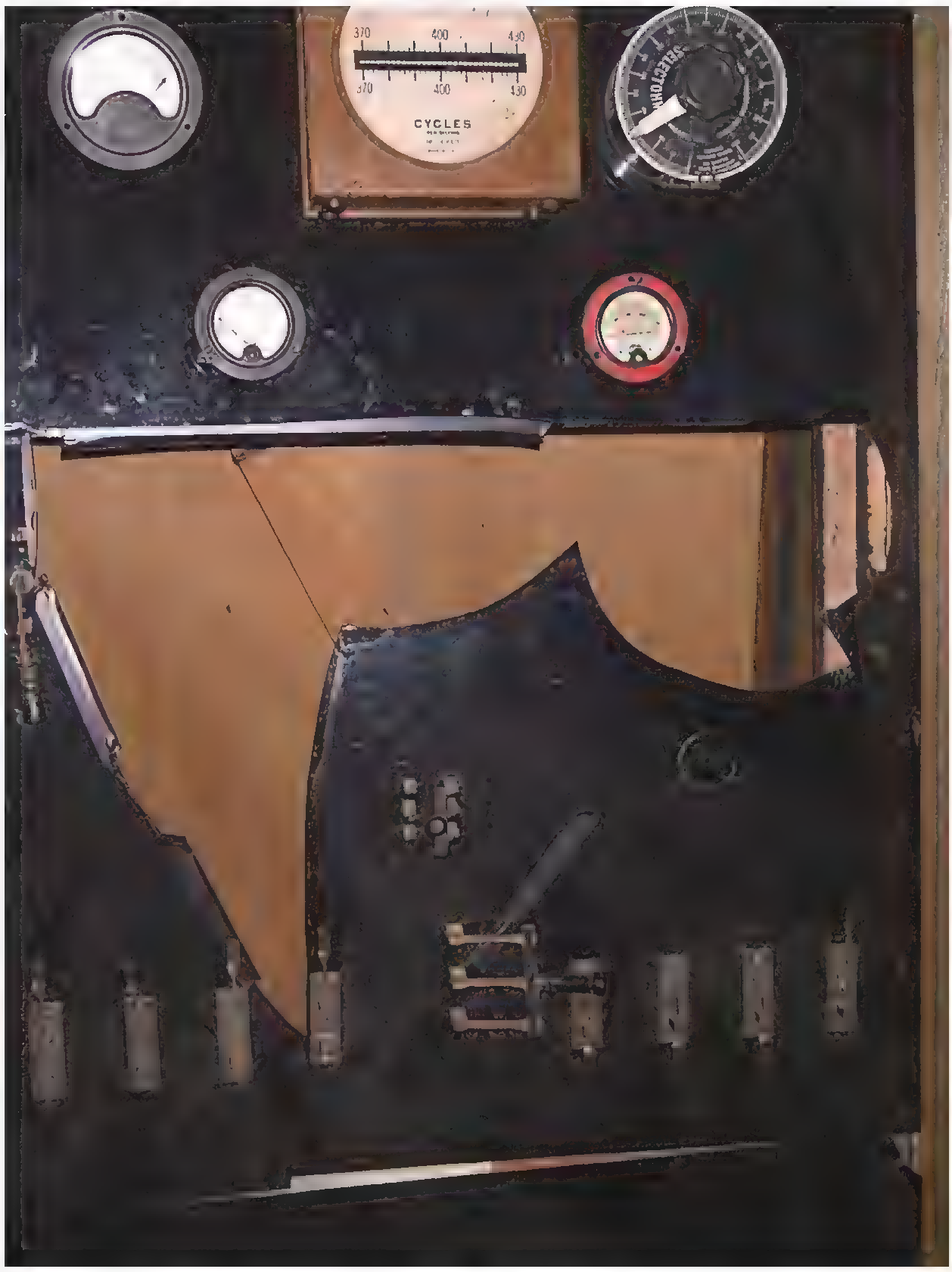




Doug's Strickfaden Collection



Dr. Aurandt's Death Ray

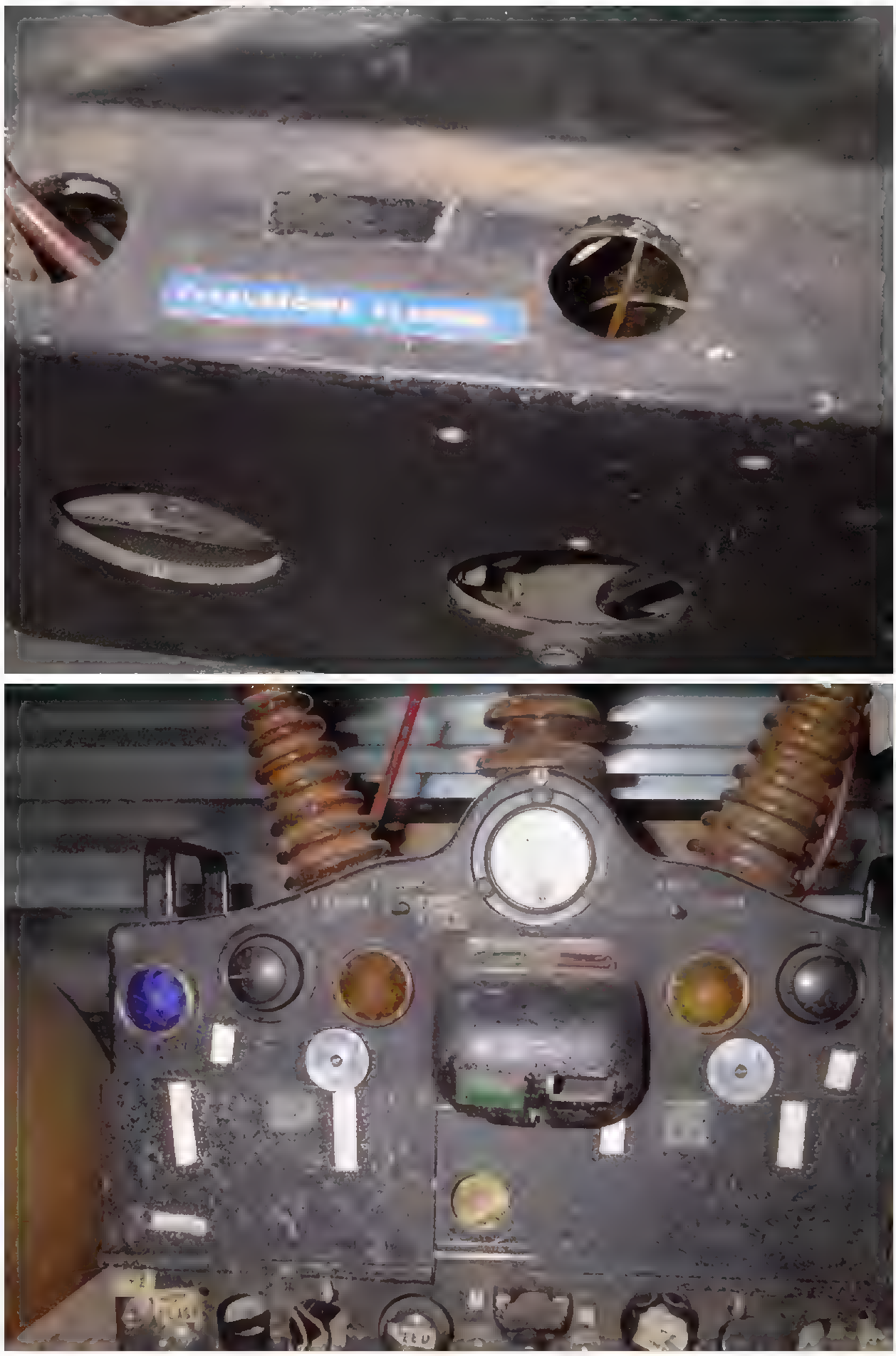

370
400
430
370
400
430
CYCLES
SELECTOR





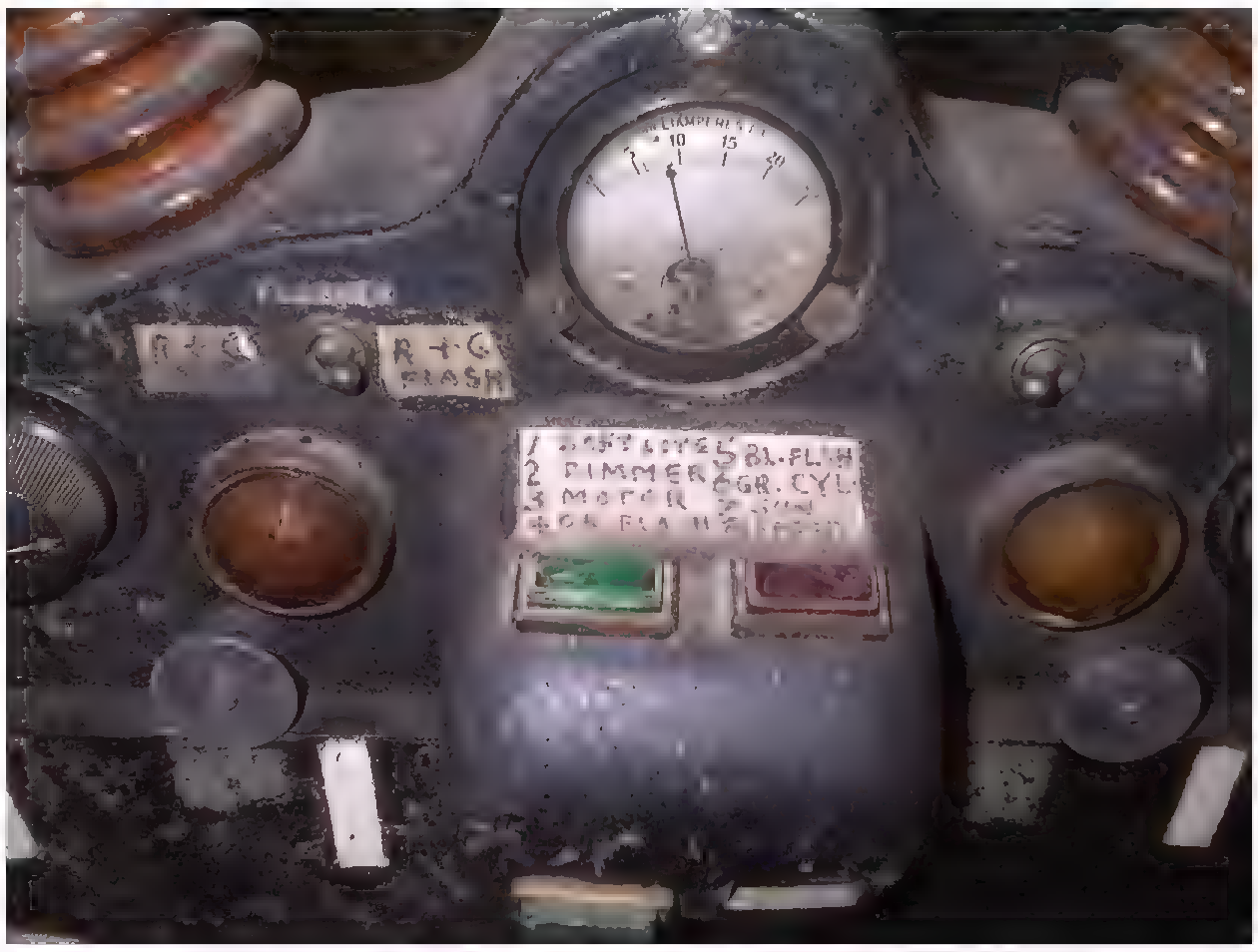


Dummy Switchboard

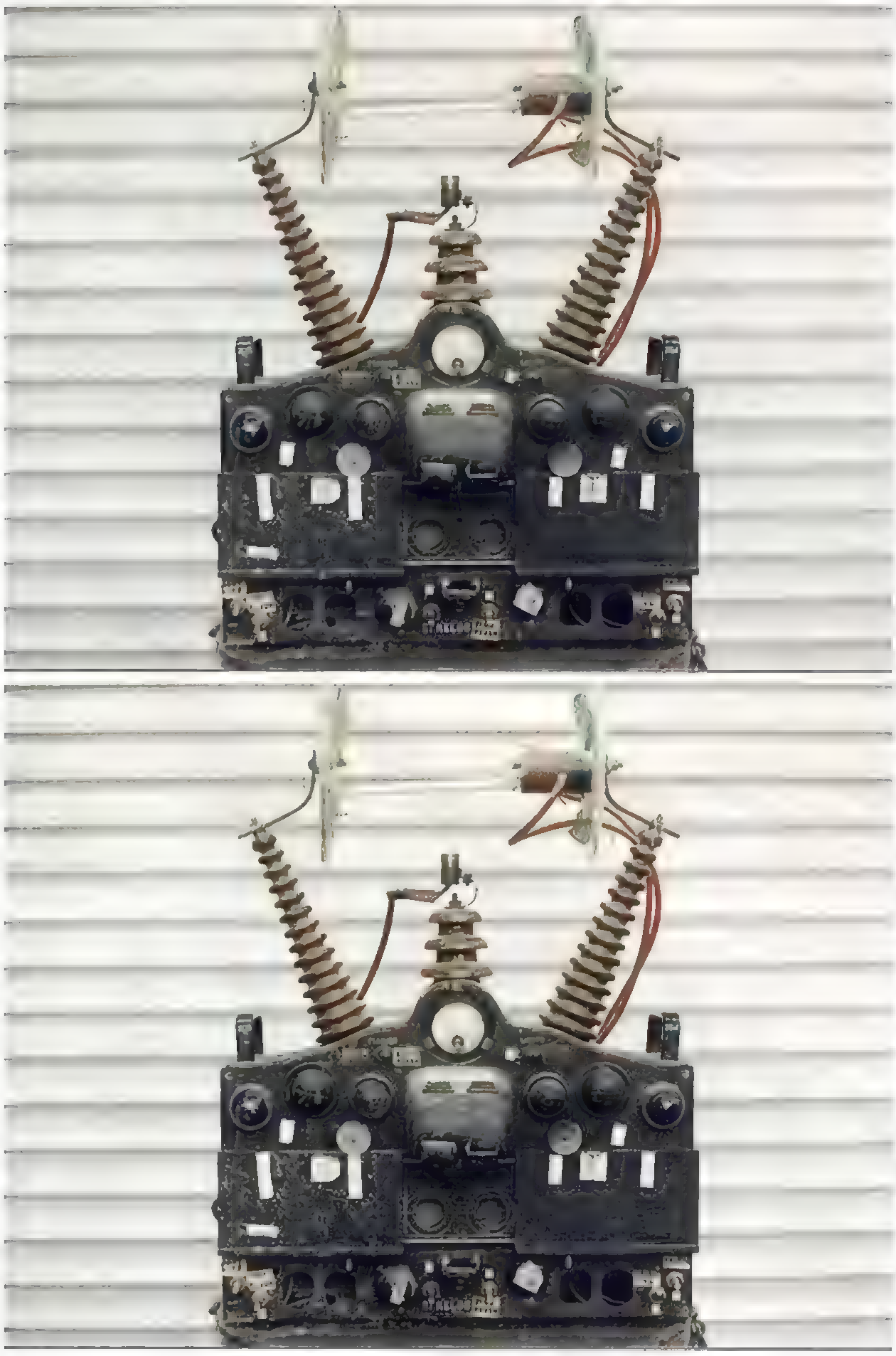



SOFT
LITE
HOT
FLASH
SOFT
LITE


R+G
FLASH
R+G
FLASH

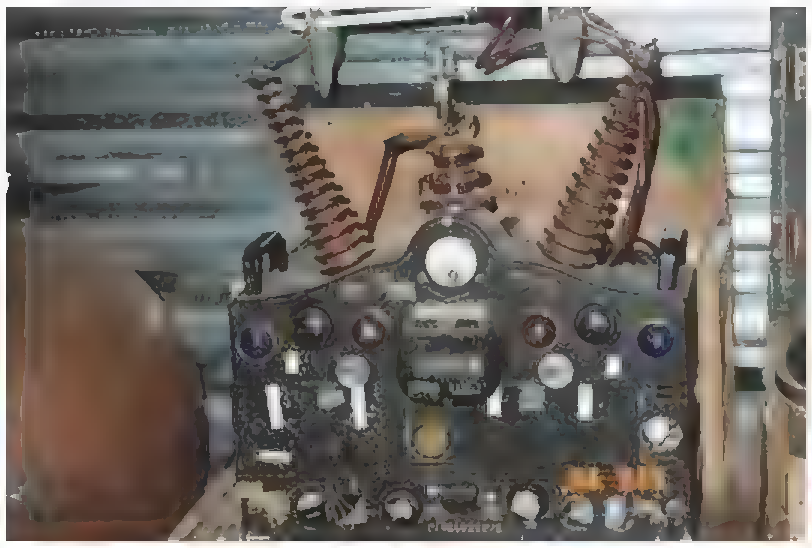

R+G
R+G
FLASH



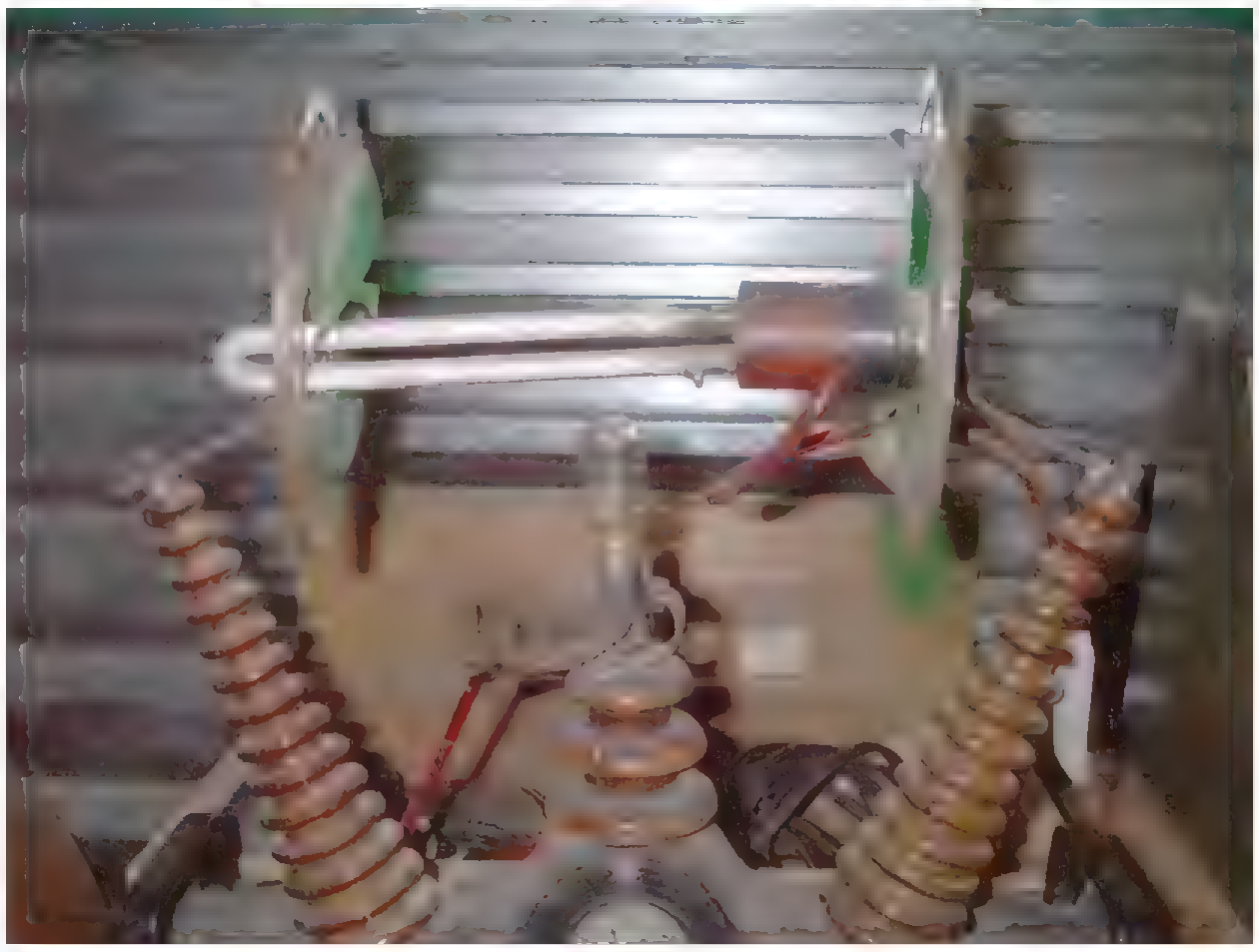


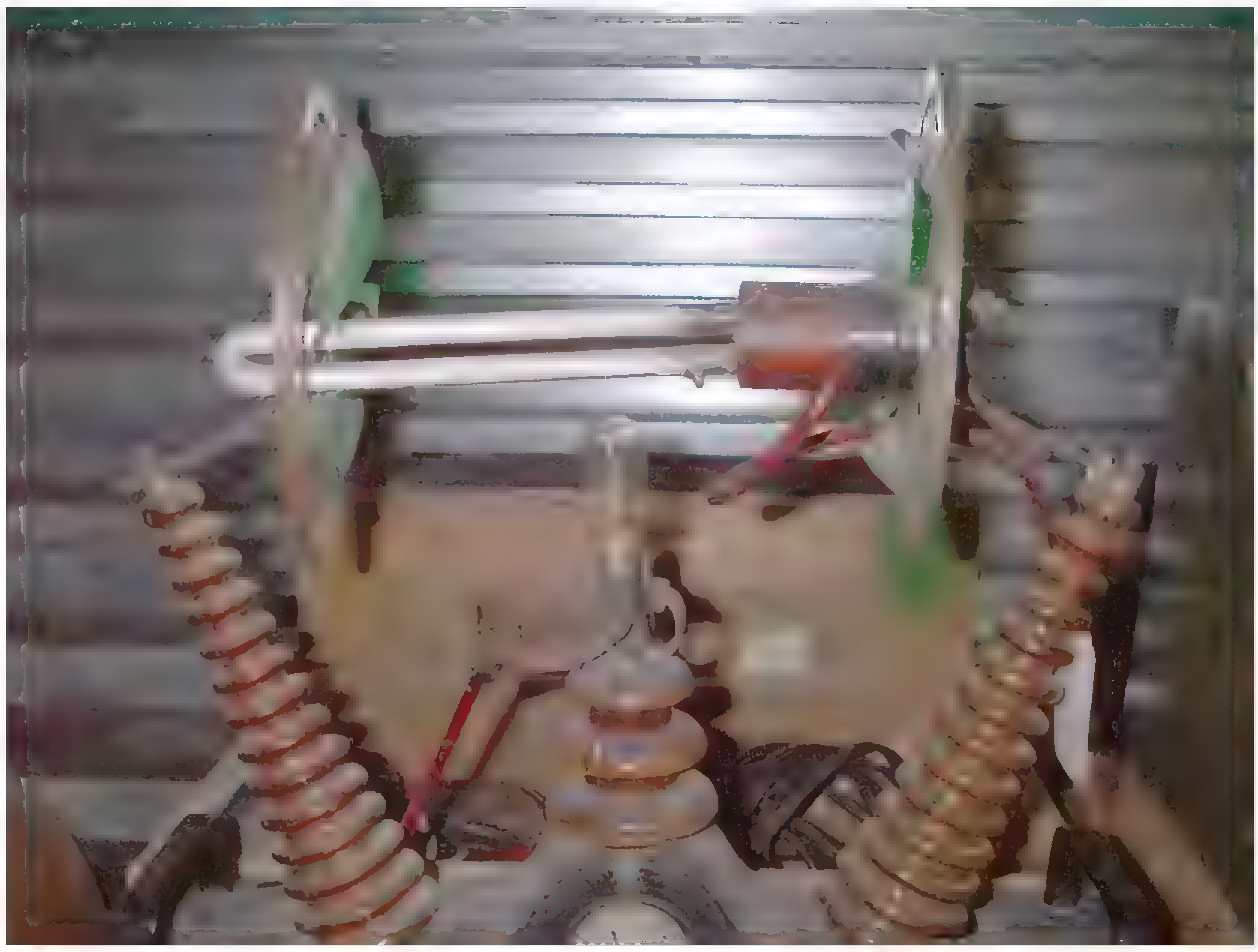



OSCILLOCLAST









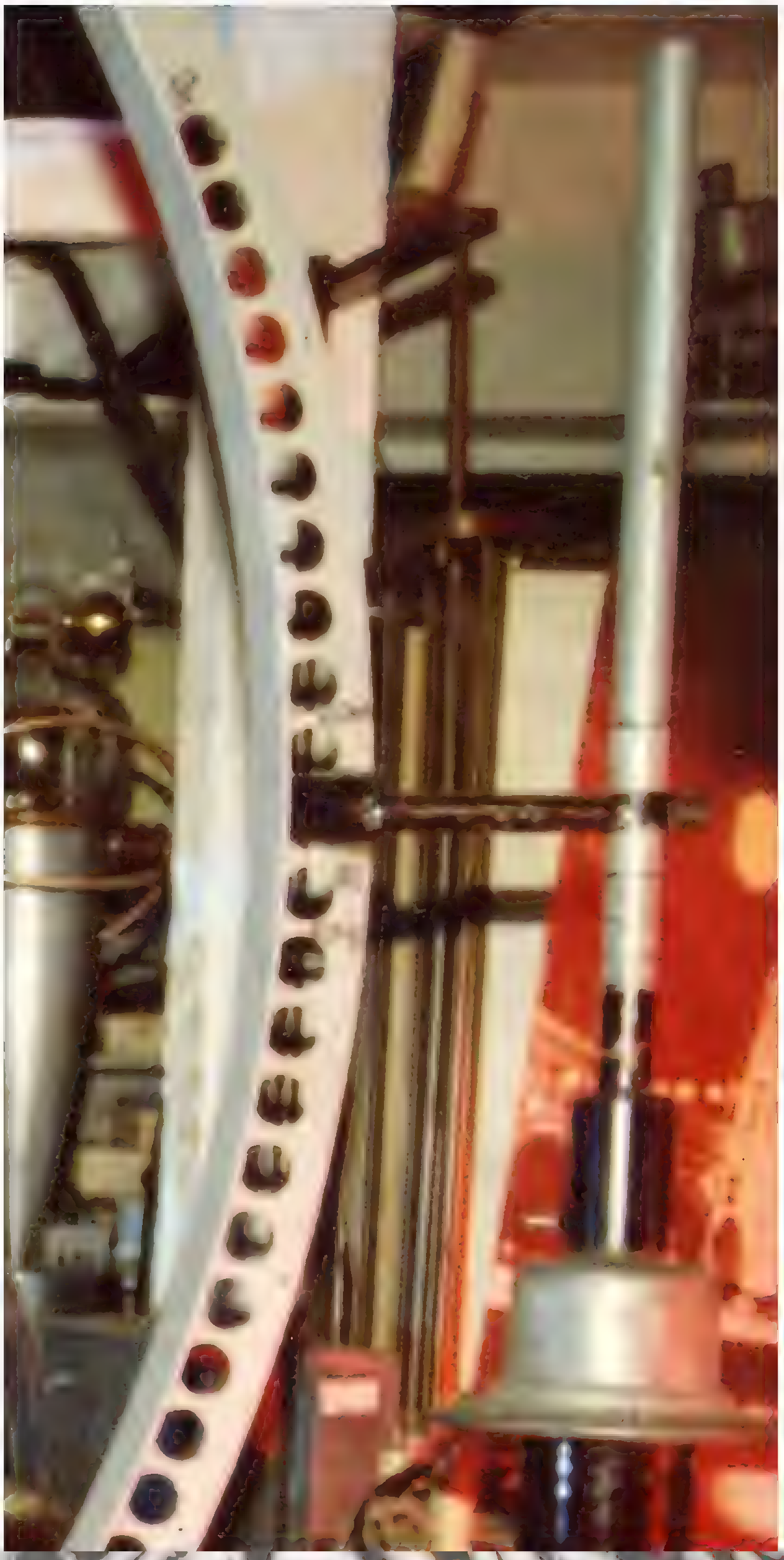
Fireloscope



Fused Relay Bank











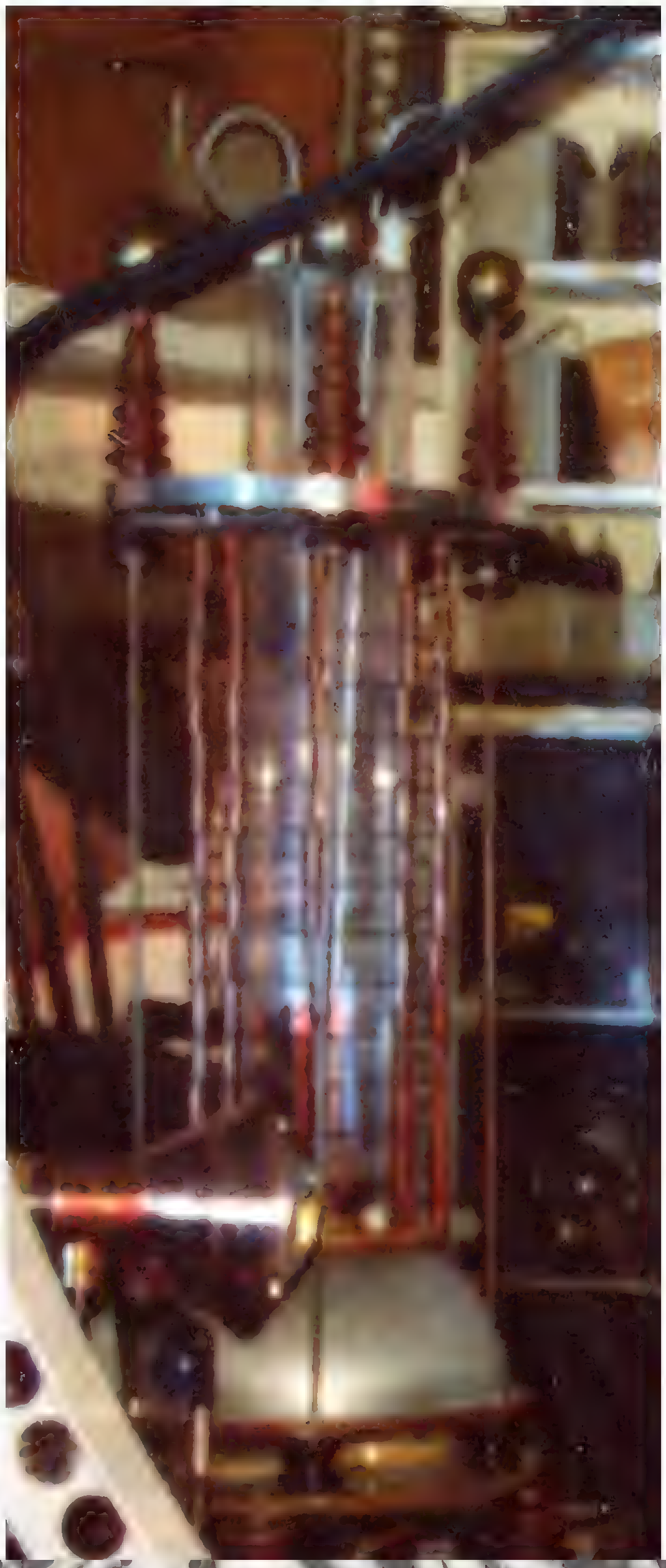


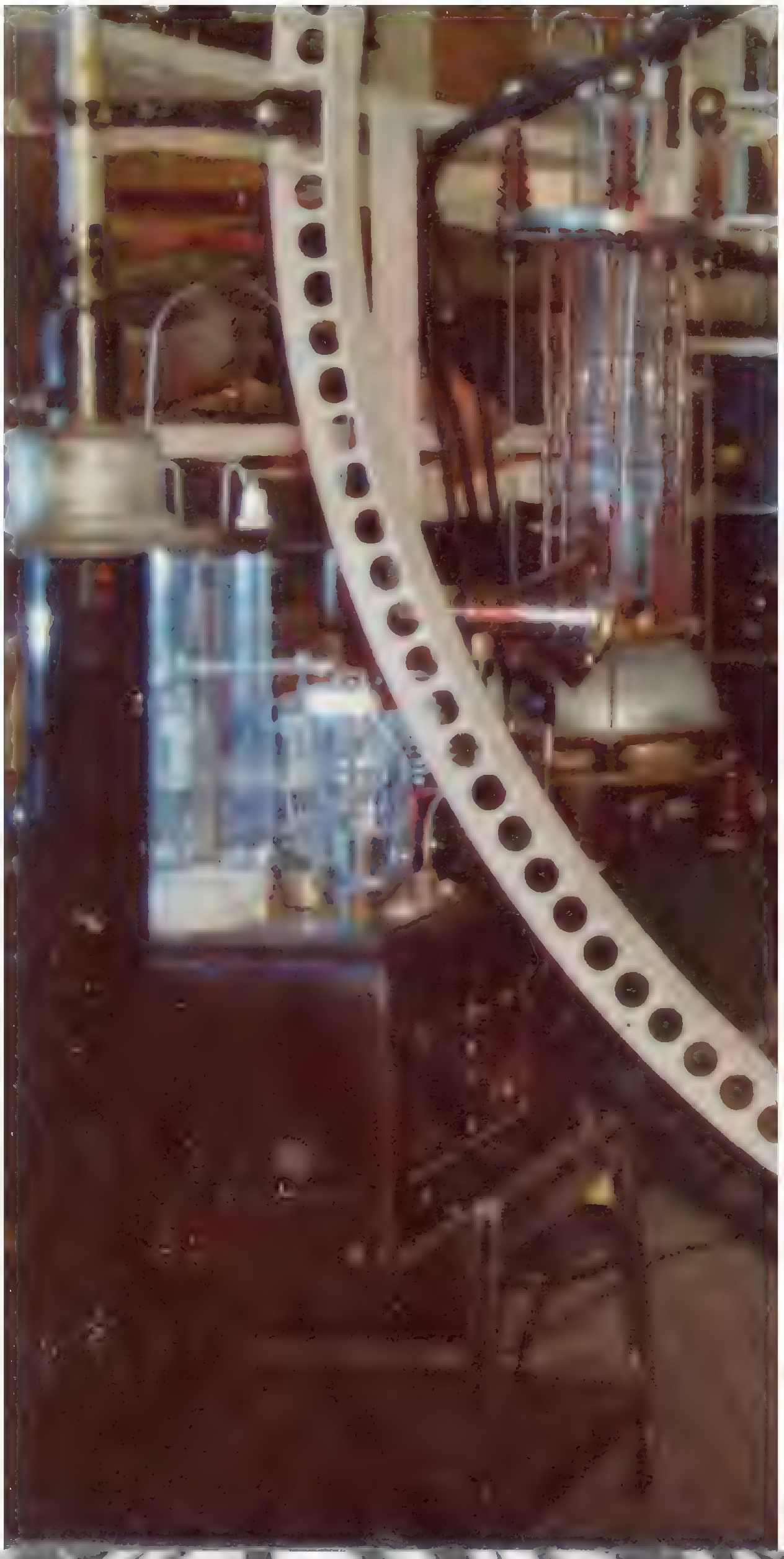


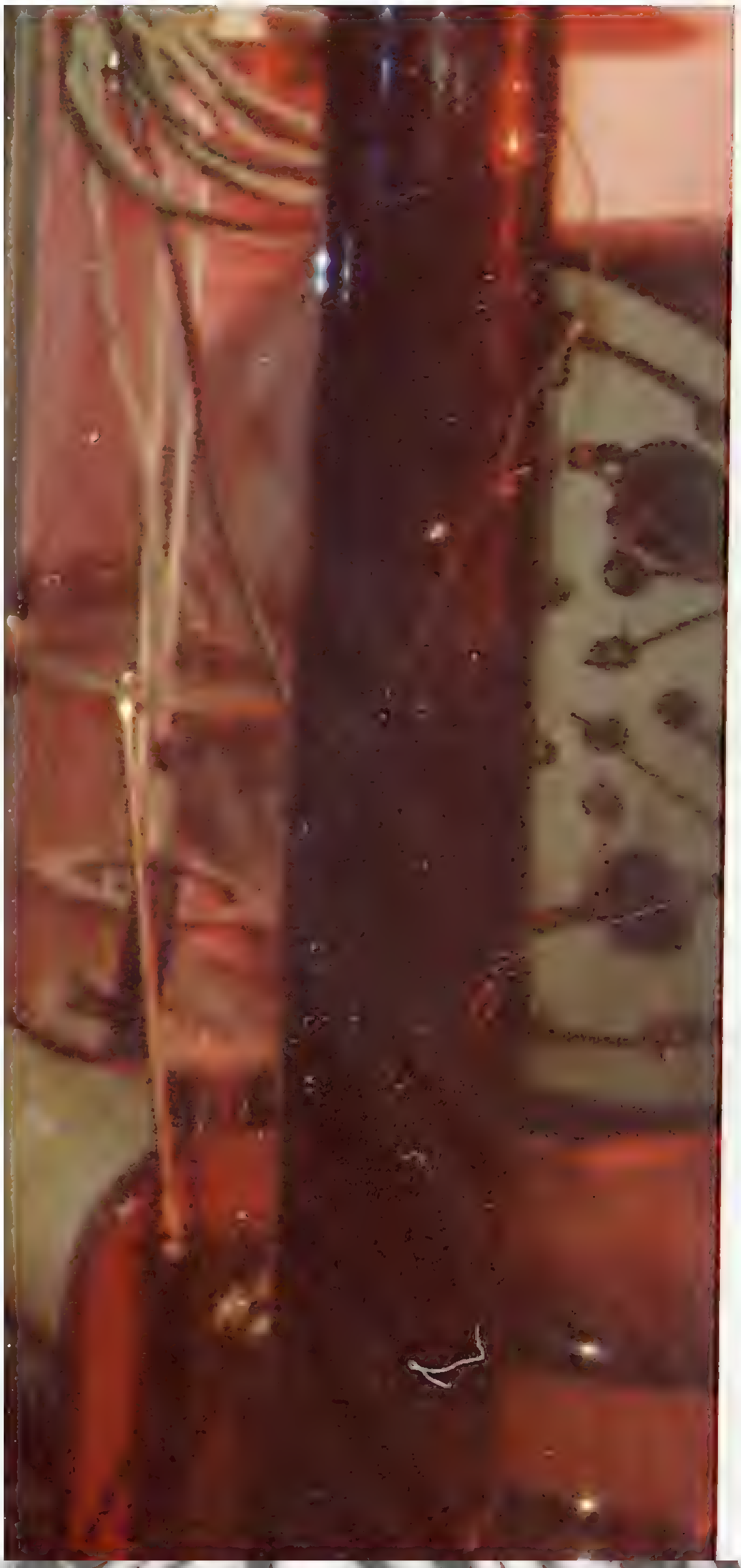






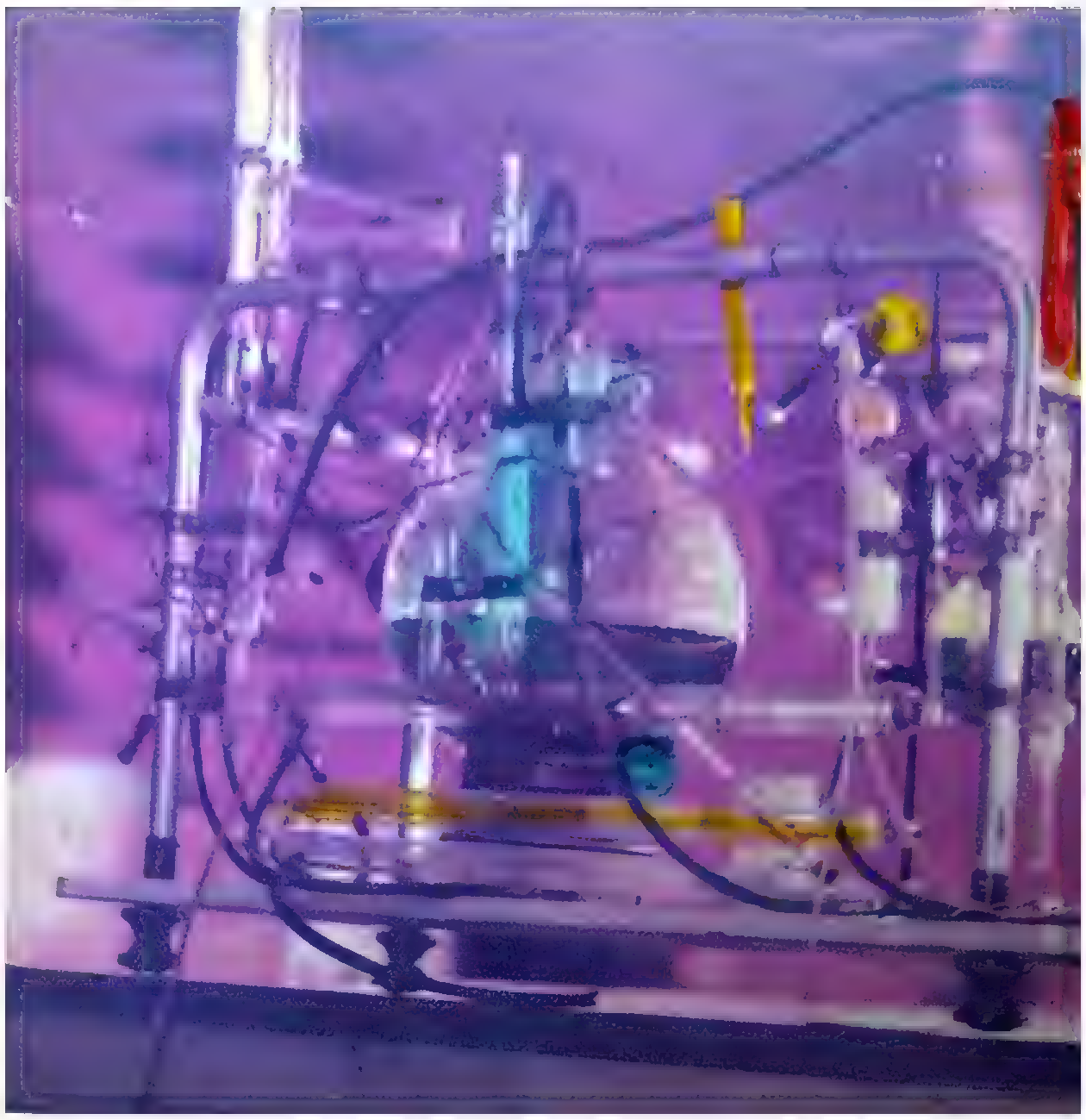








Garage Photos





Laboratory Glass









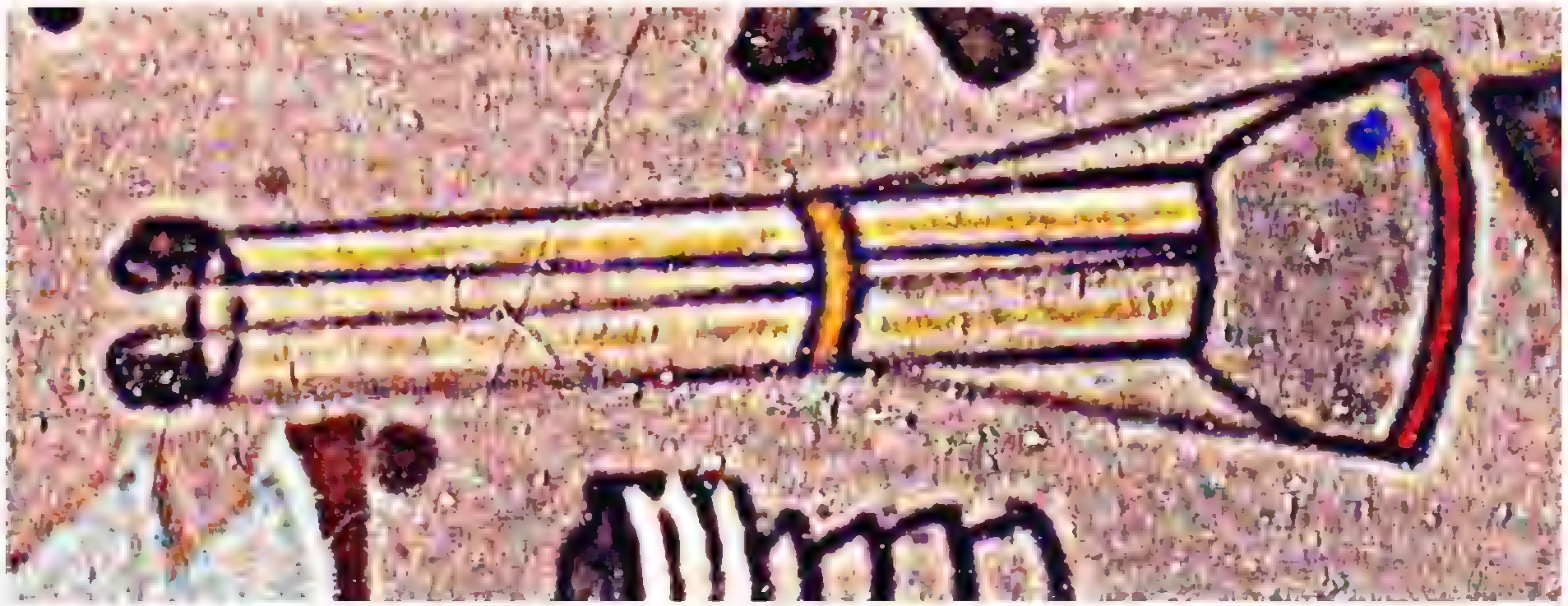
Involutarium

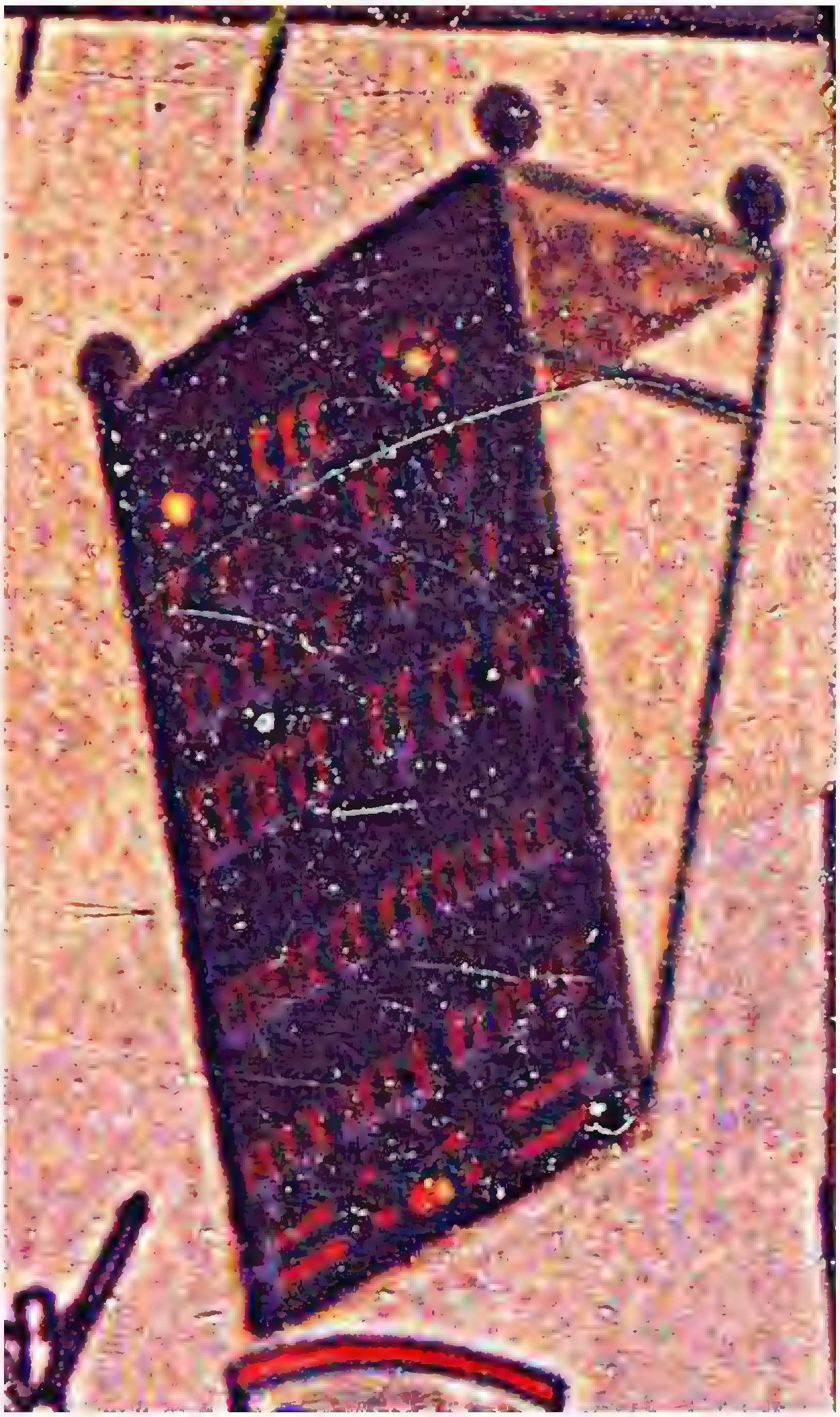






Jitter Blatt



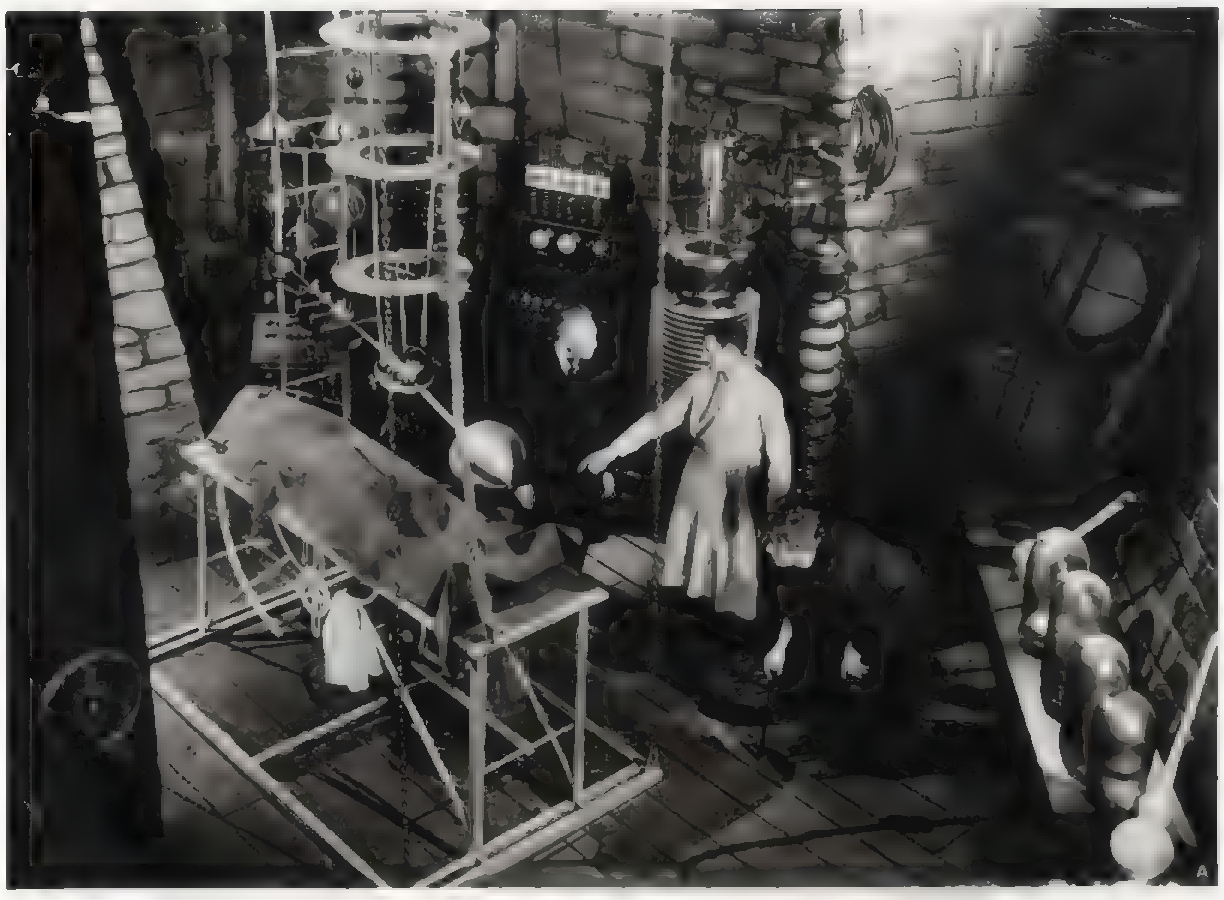




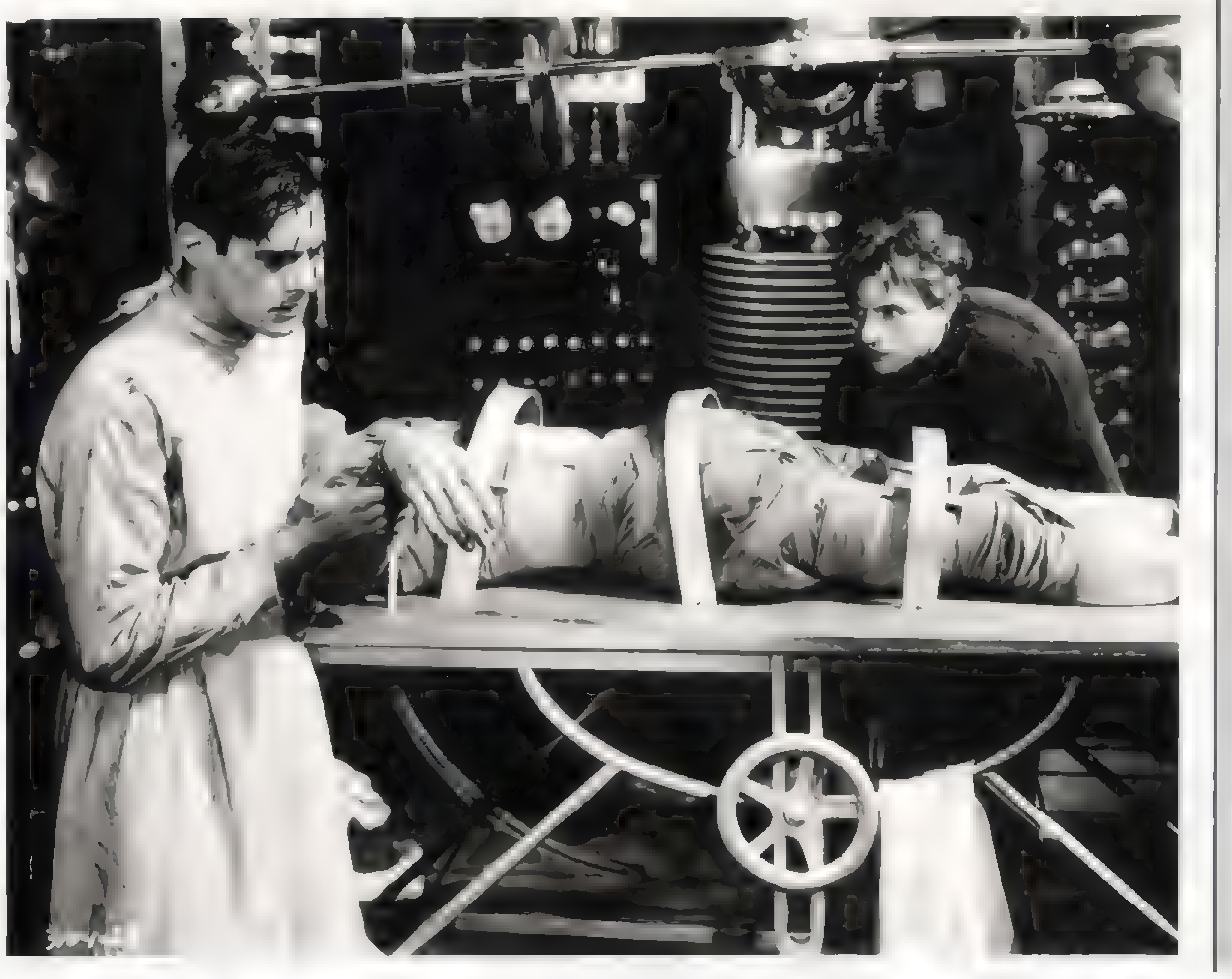


Carl Laemmle presents "Frankenstein" (The Man who made ...) A Universal production

with COLIN CLIVE · MAE CLARKE · BORIS KARLOFF and JOHN BOLES



Carl Laemmle presents "Frankenstein" A Universal production
with COLIN CLIVE · MAE CLARKE · BORIS KARLOFF · JOHN BOLES



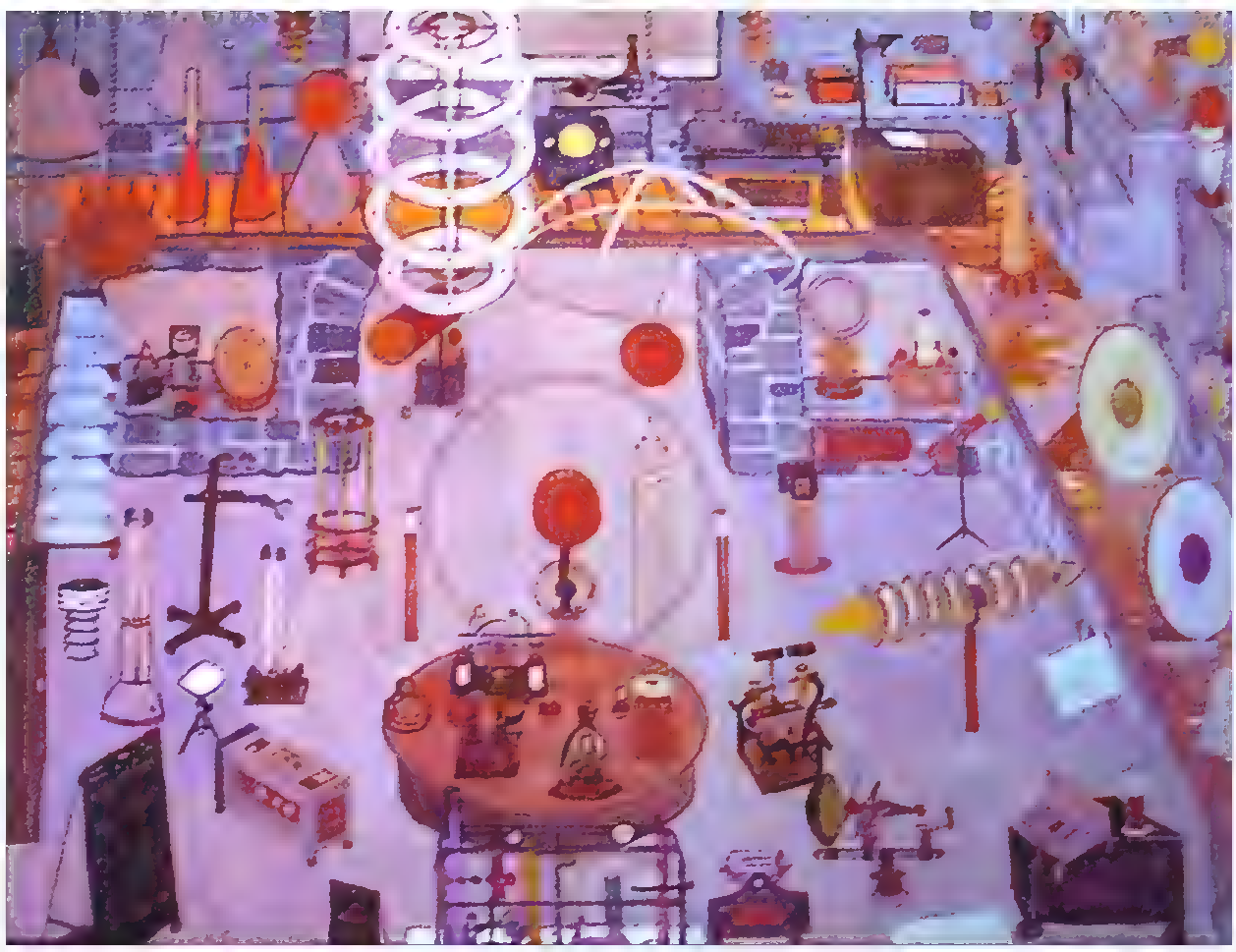

AUTISSER
FROM
NORTH KIMTRU


PROFFI Q FROM LORS

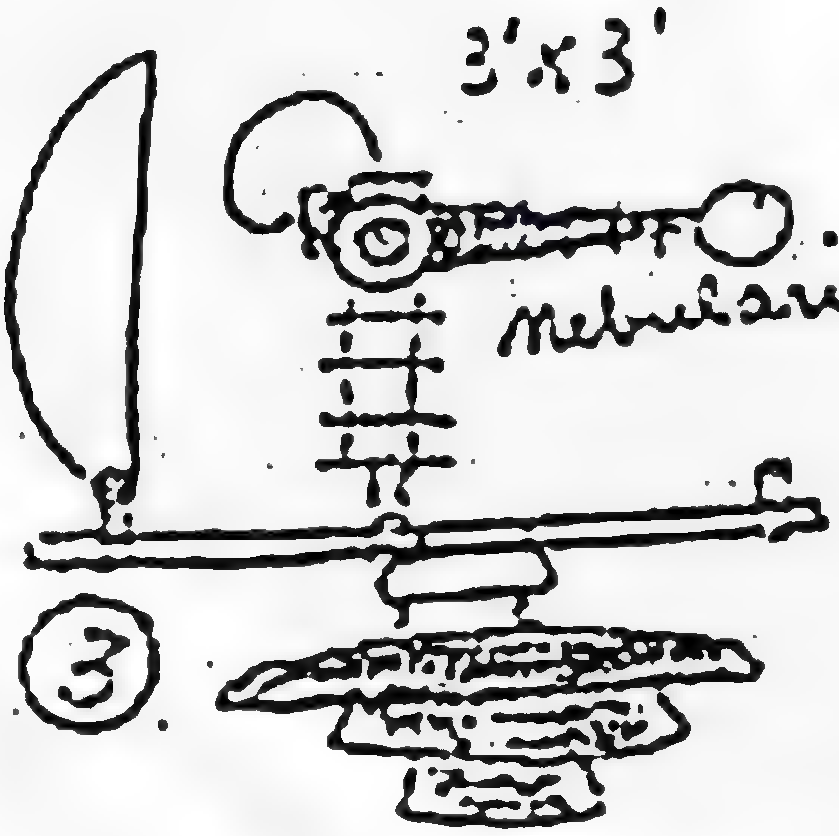

THUBIAN
WHIRX


LEMURIAN
WHID



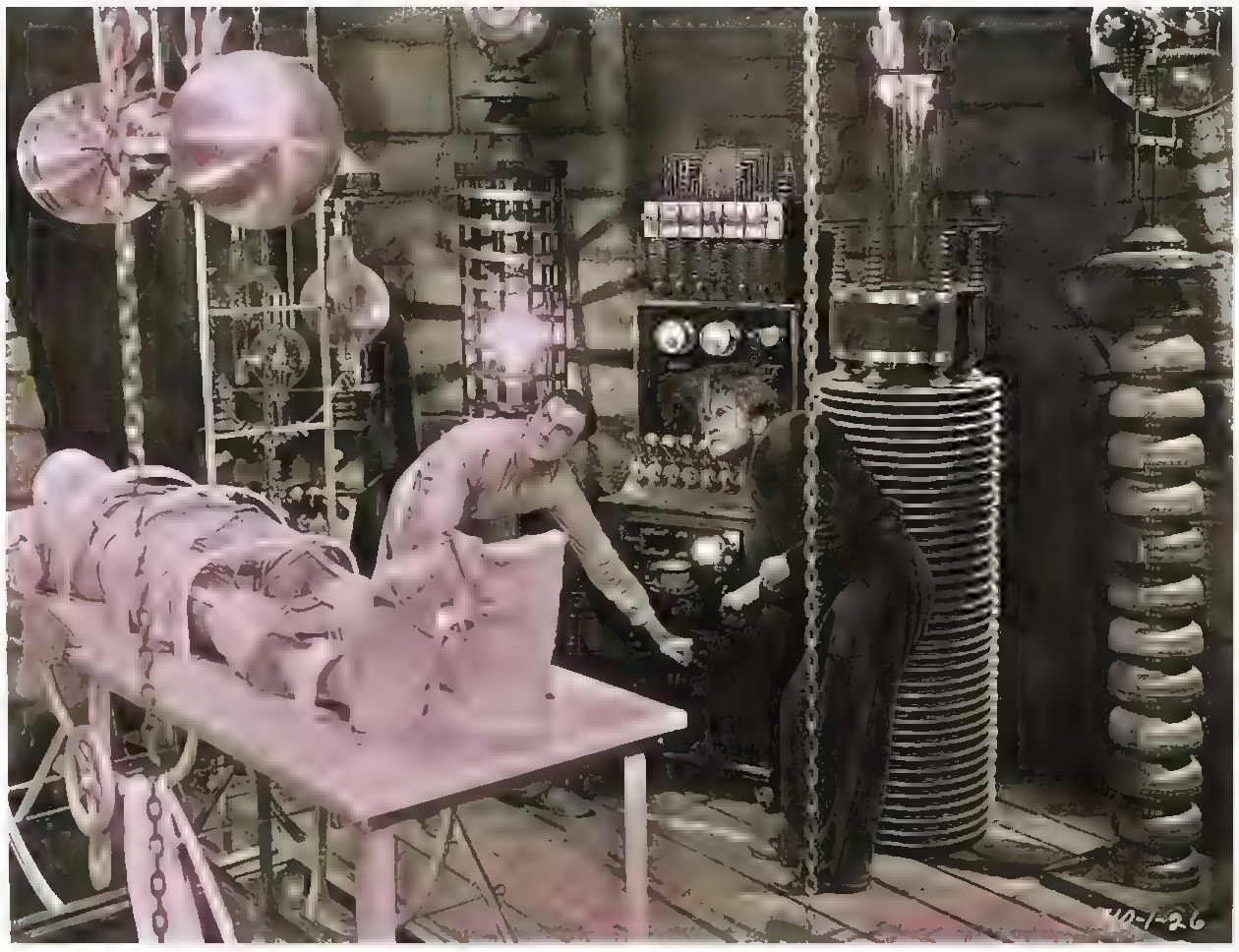




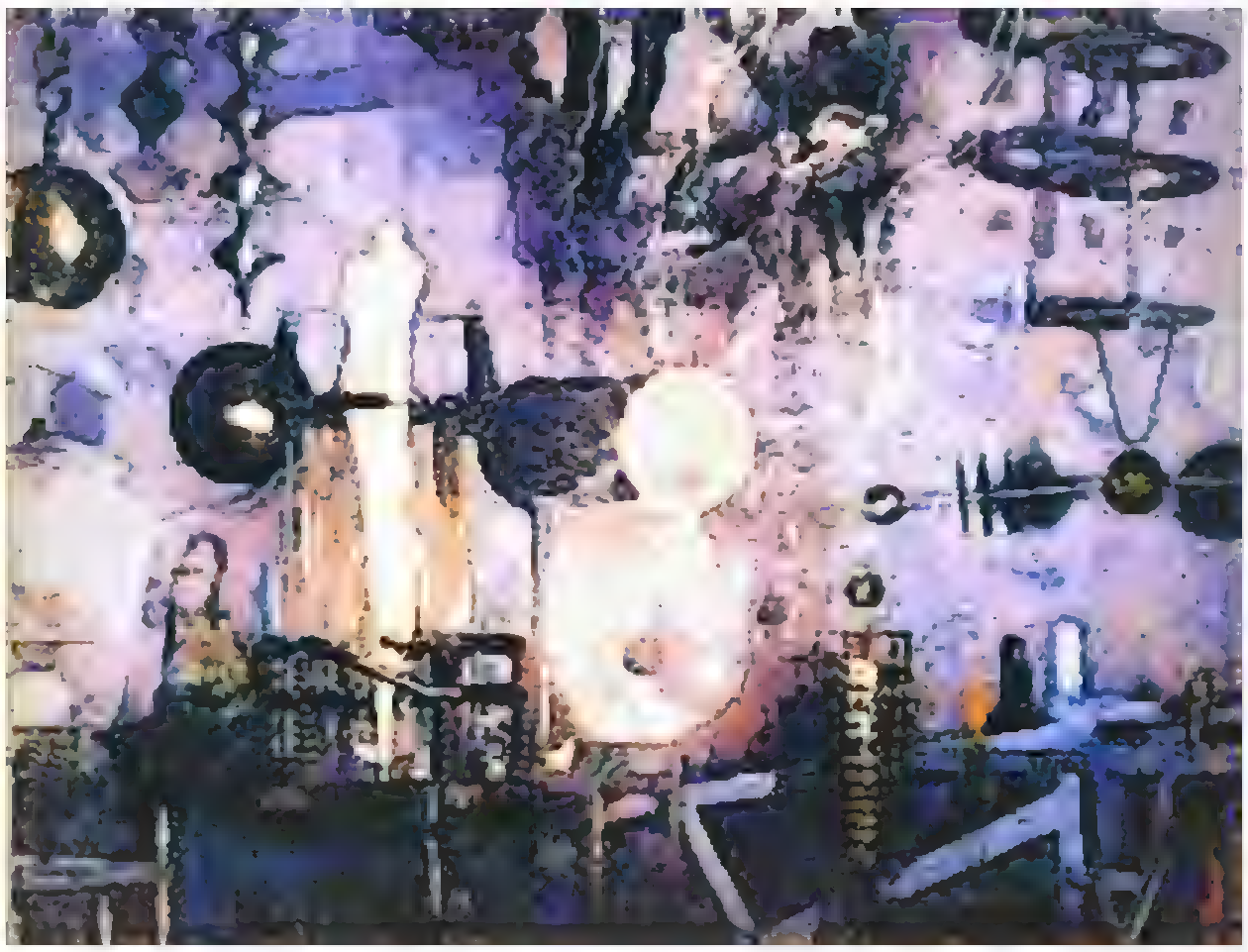


Nebularium sketch by Kenneth Strickladen













Ken's Sketches and Watercolours

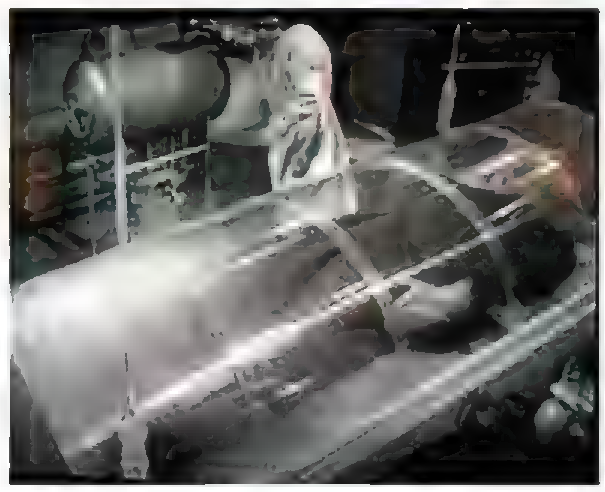


Kleiglight











Large Hanging Travelling Arc



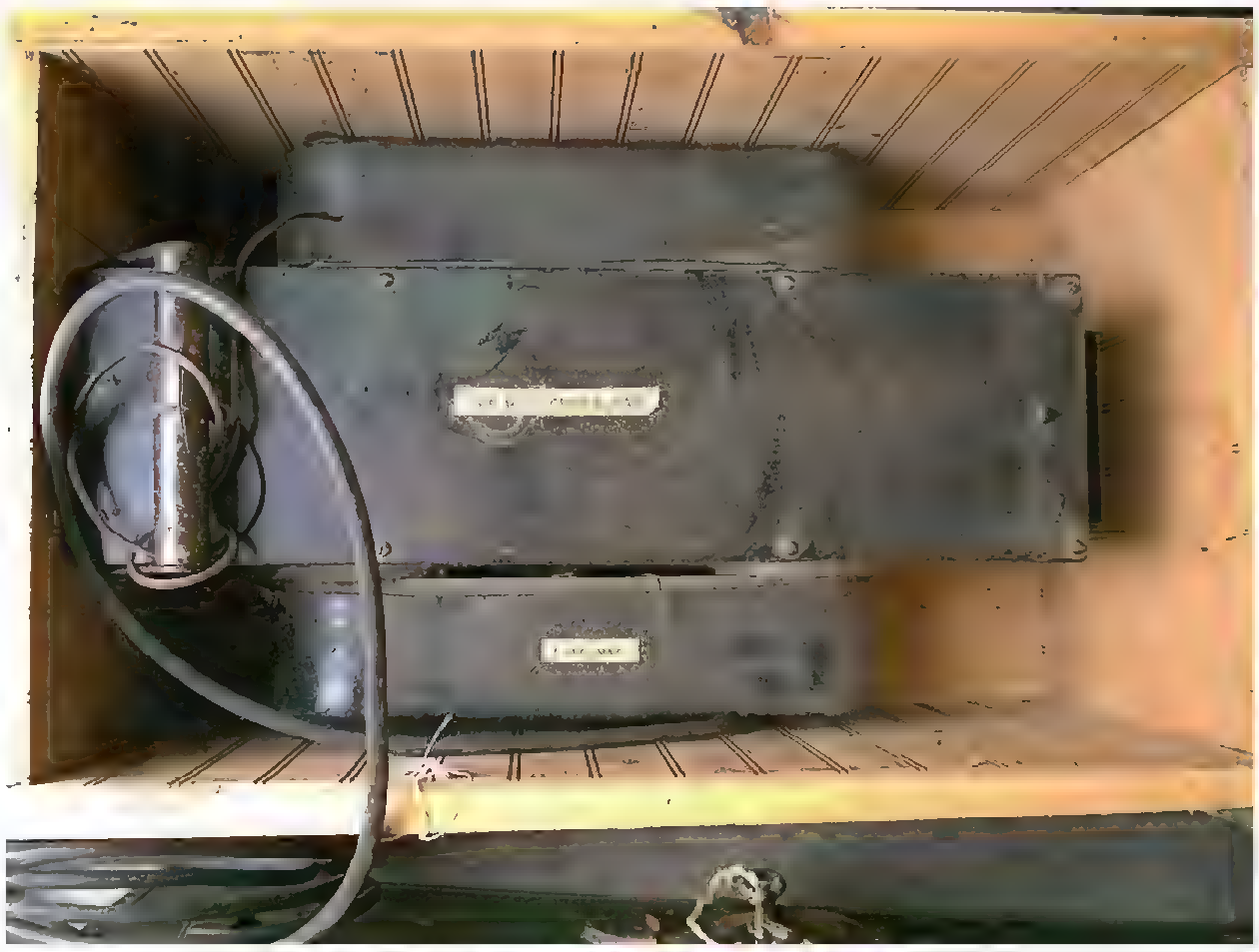






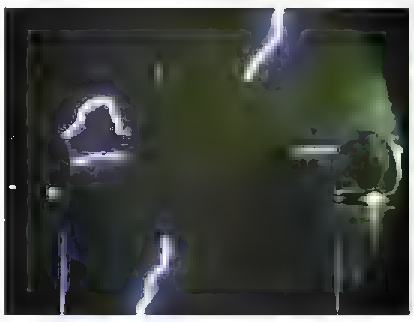










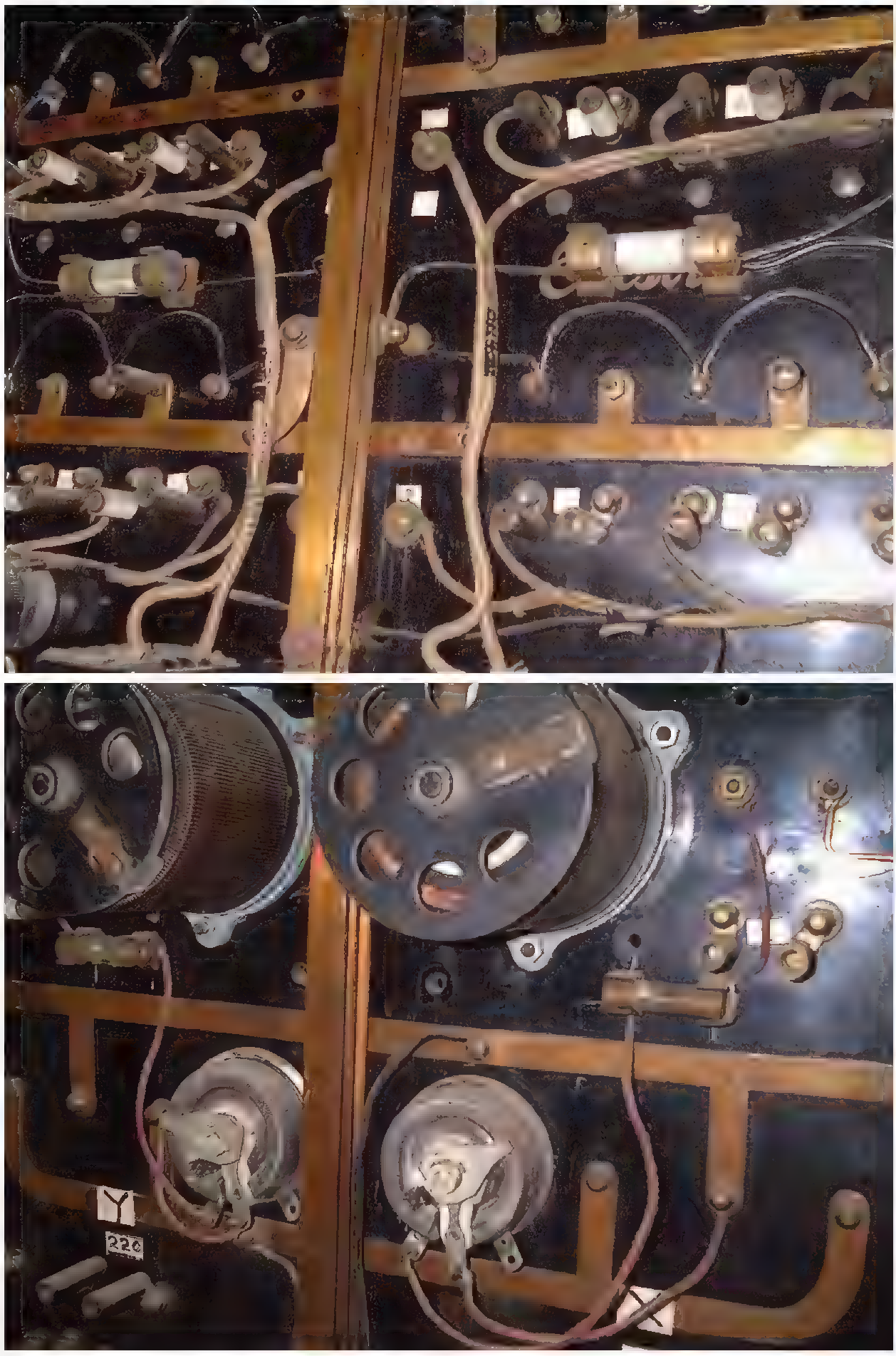








Lightning Screens

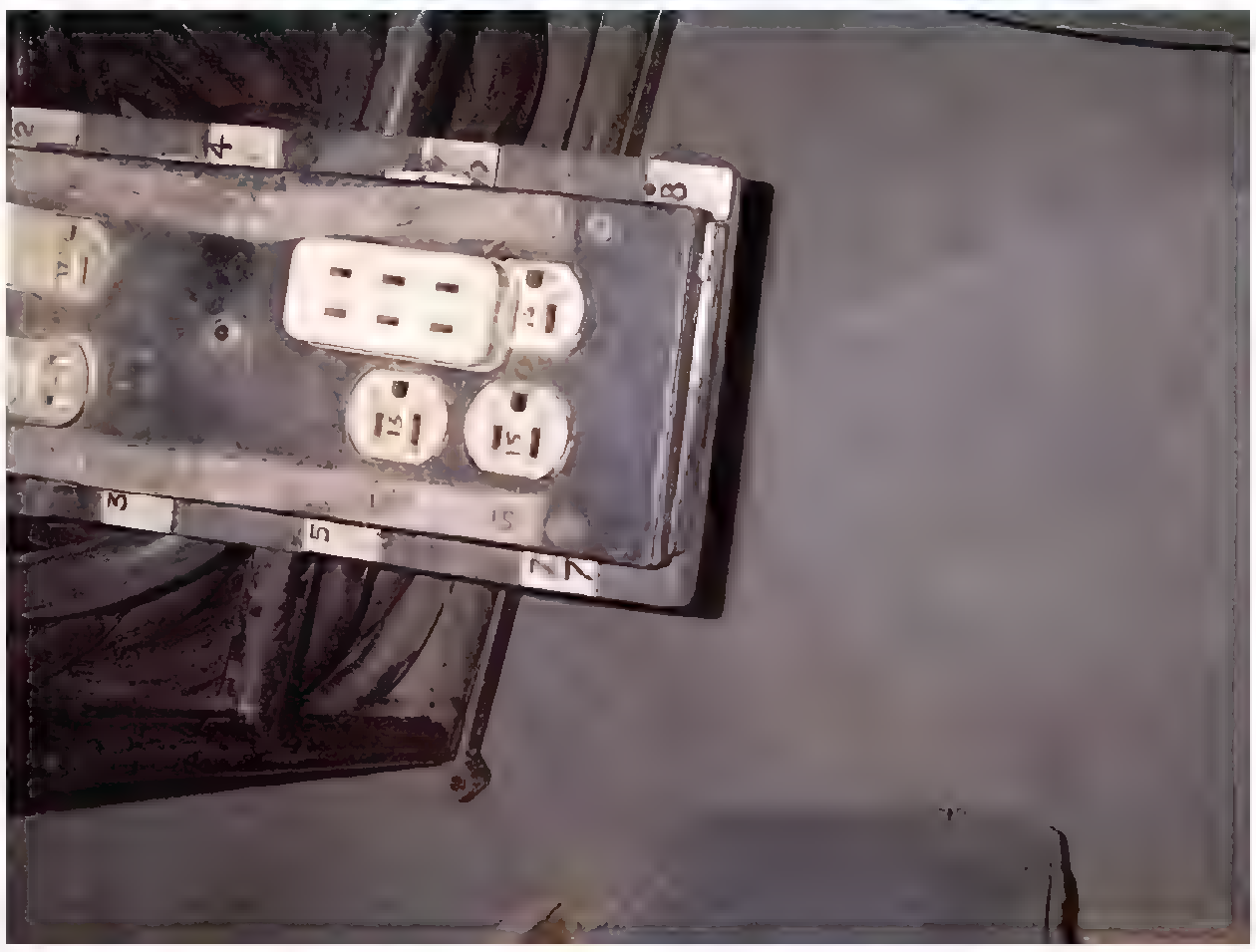

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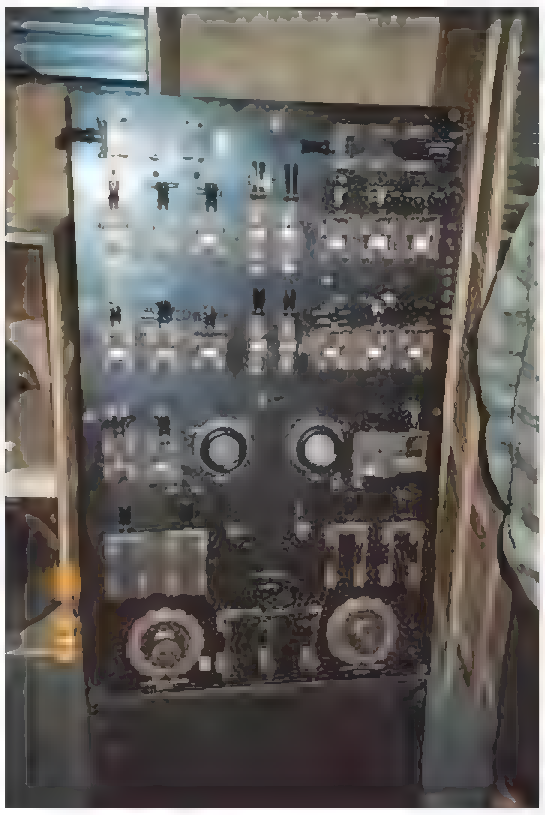

RED



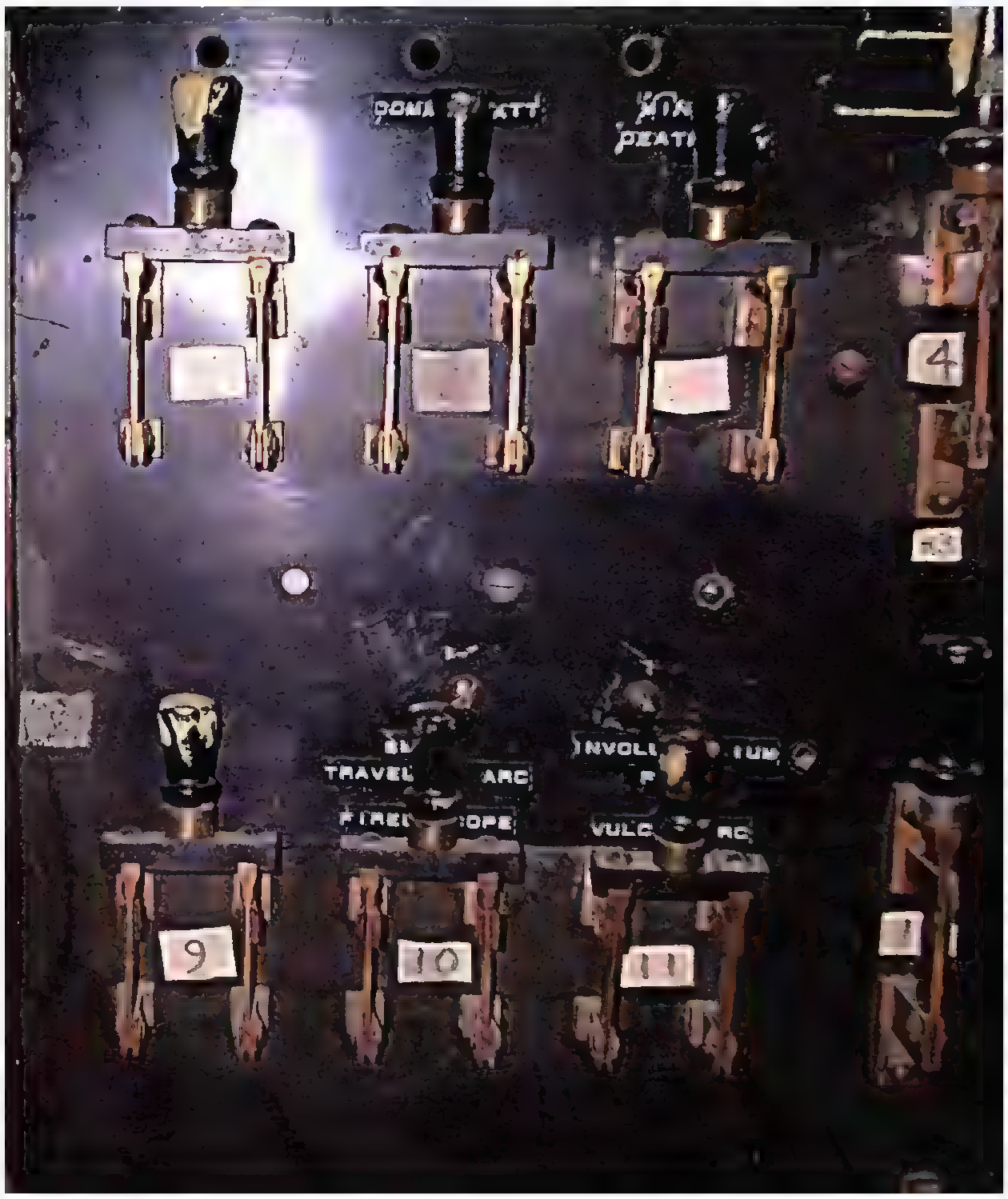




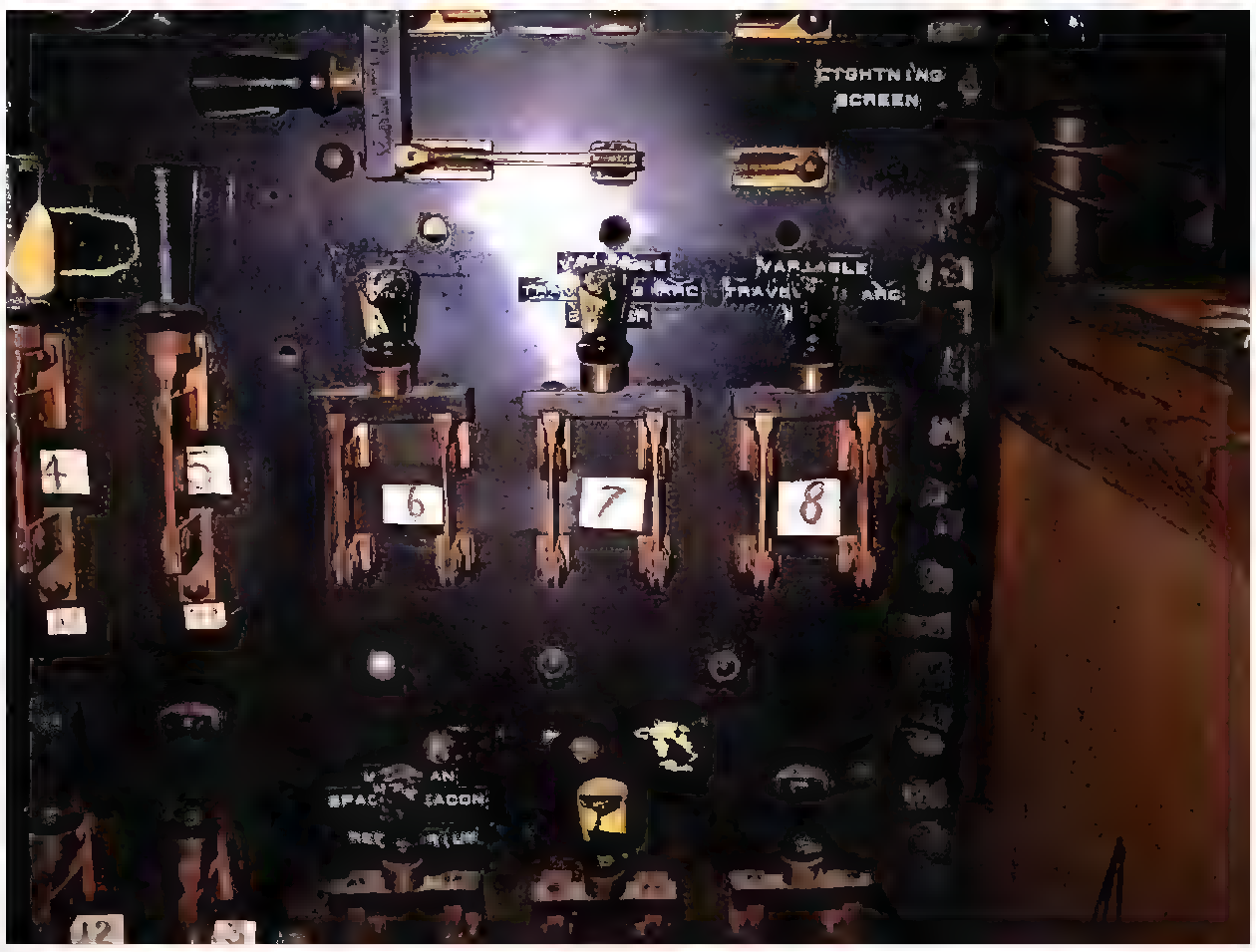


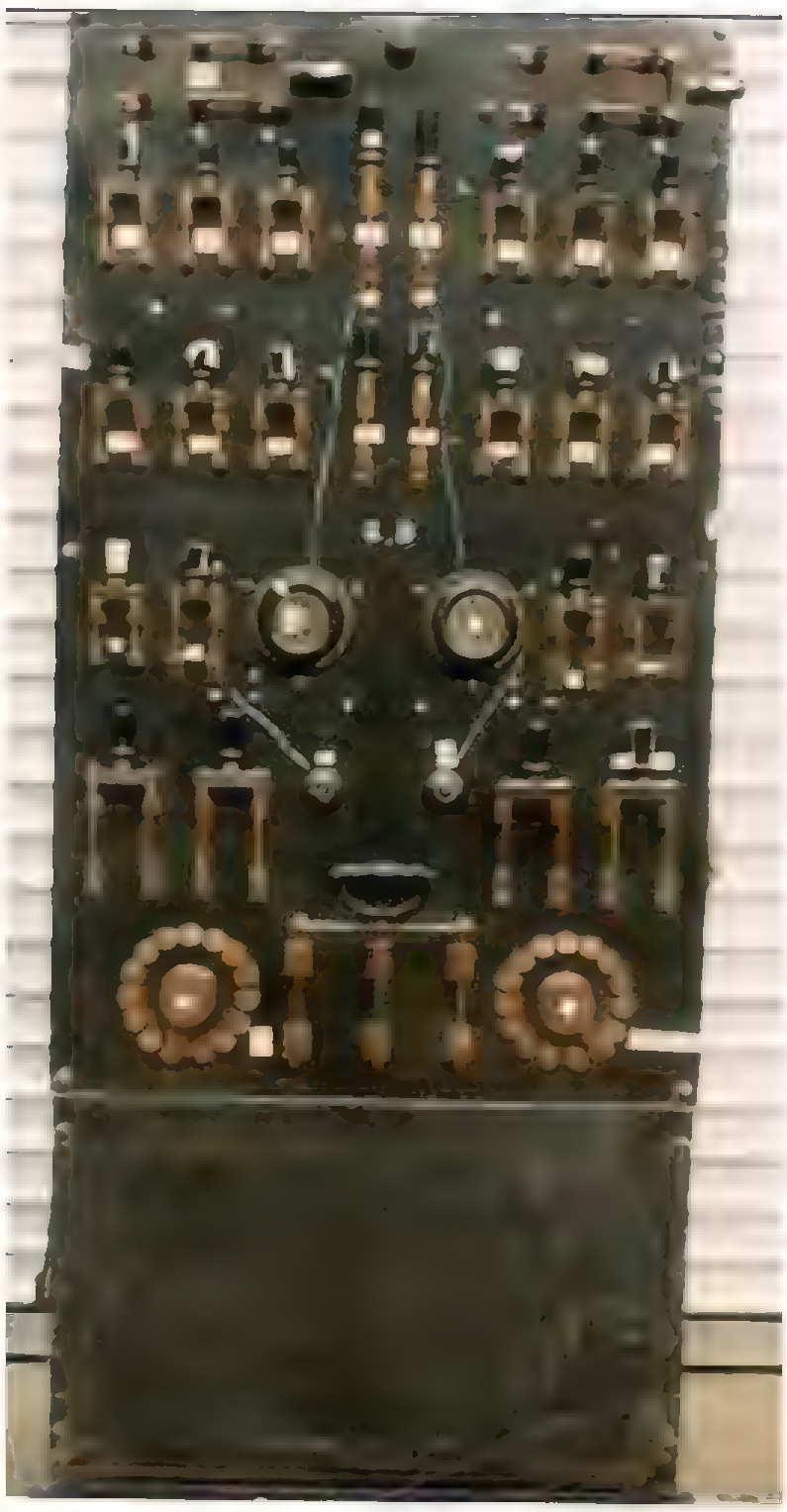


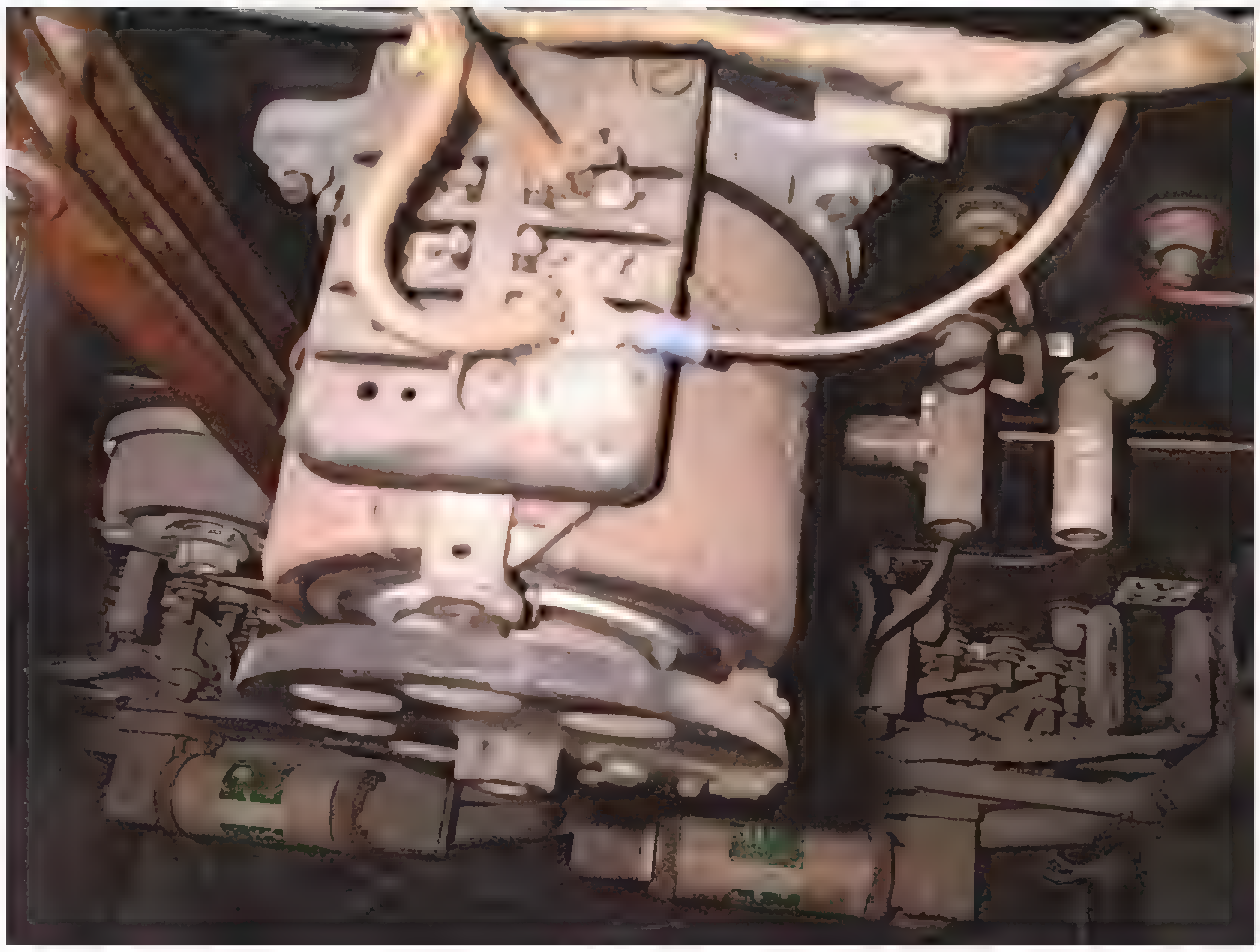



4
9
10
11




TIGHTNING
SCREEN
VARIABLE
TRAVEL
4
5
6
7
8
12
3



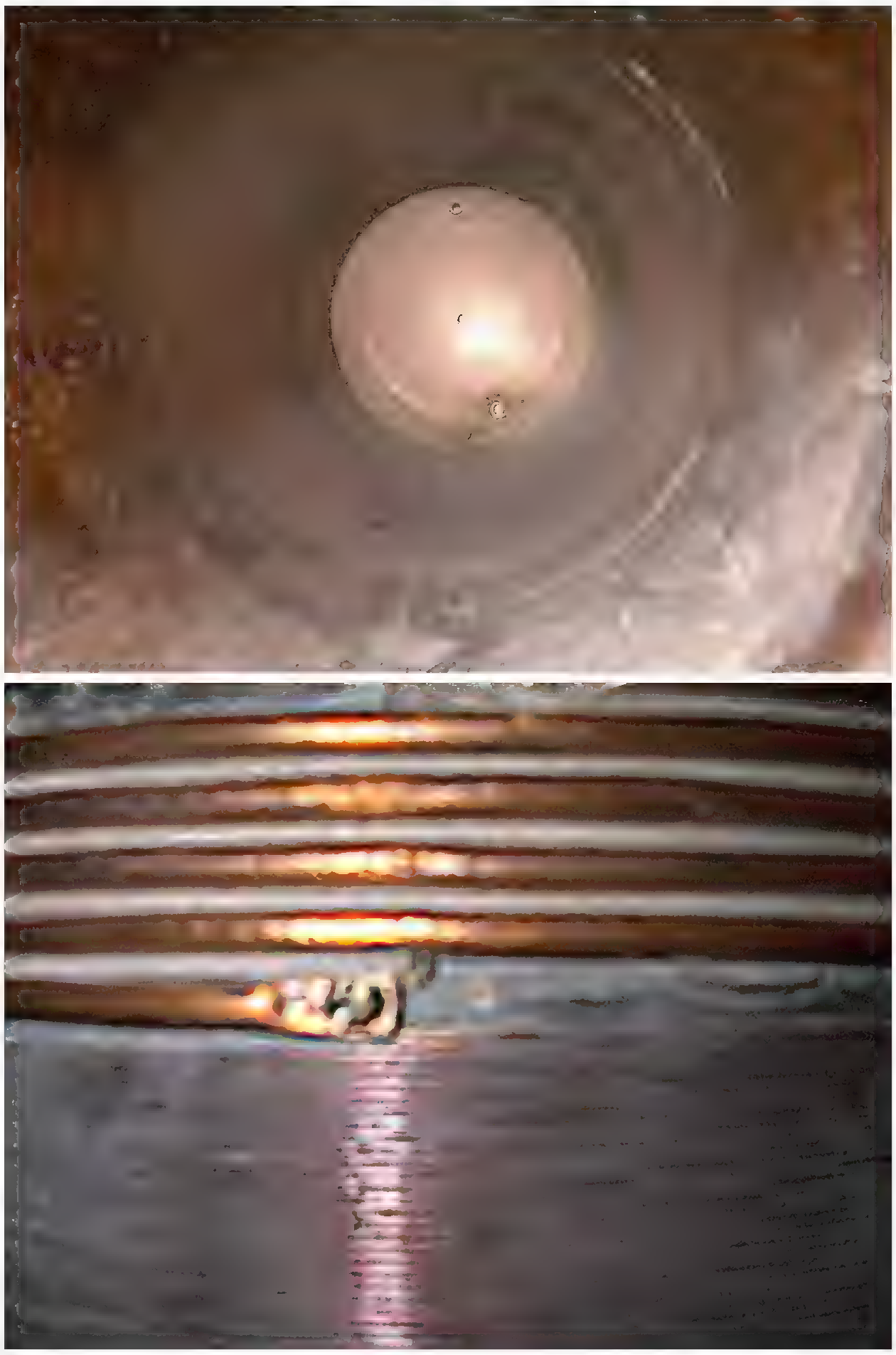


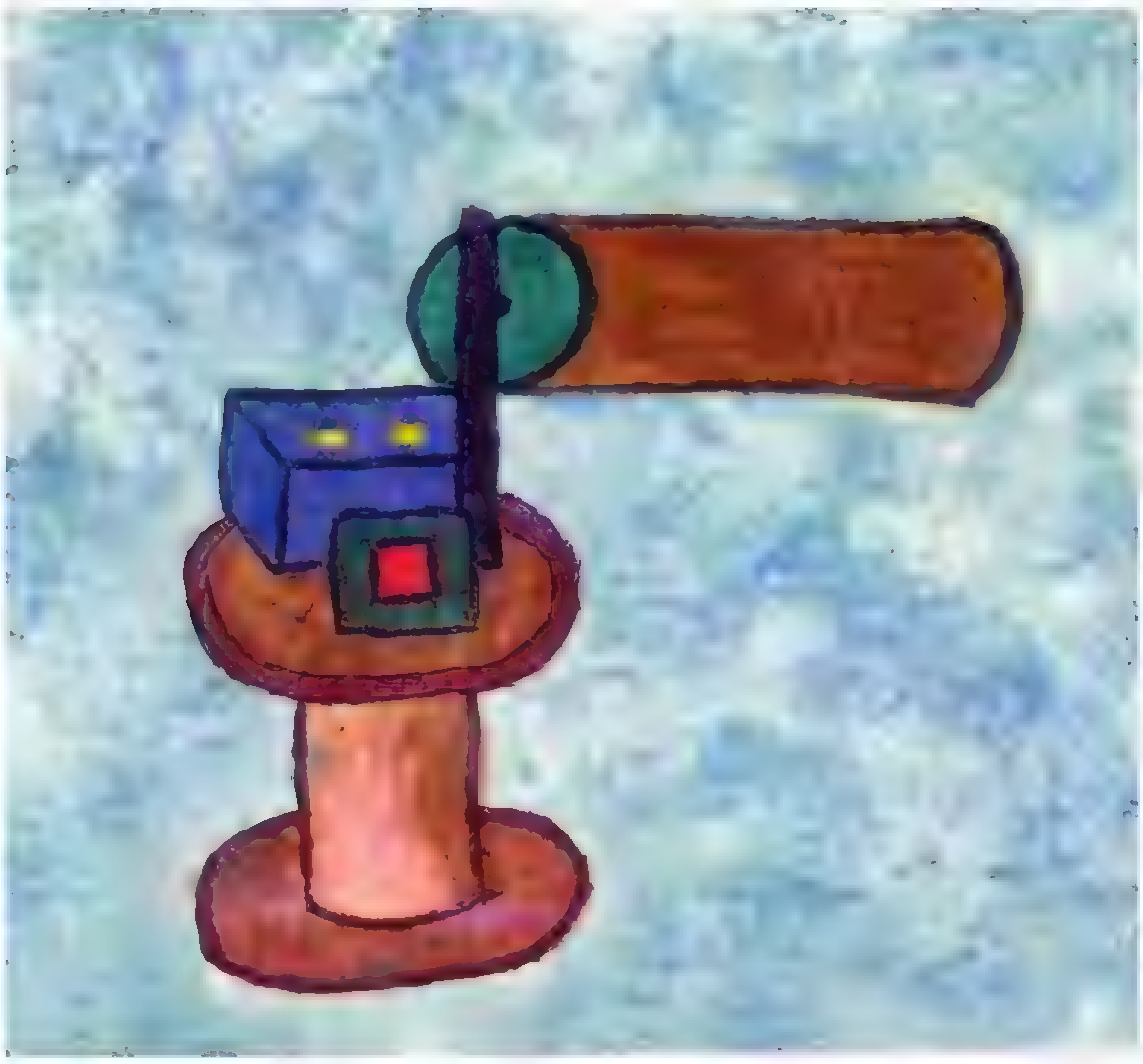
Main Switchboard



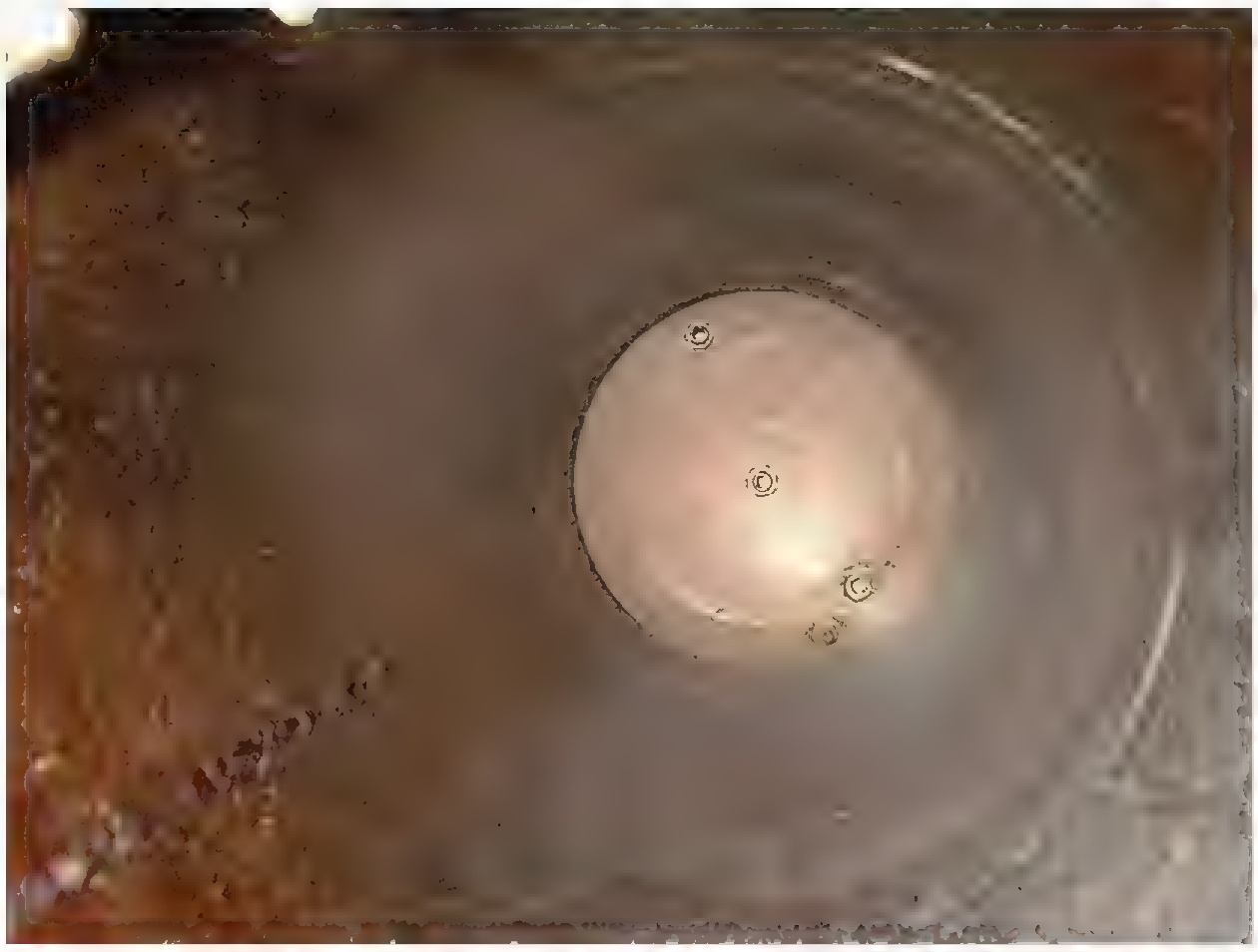


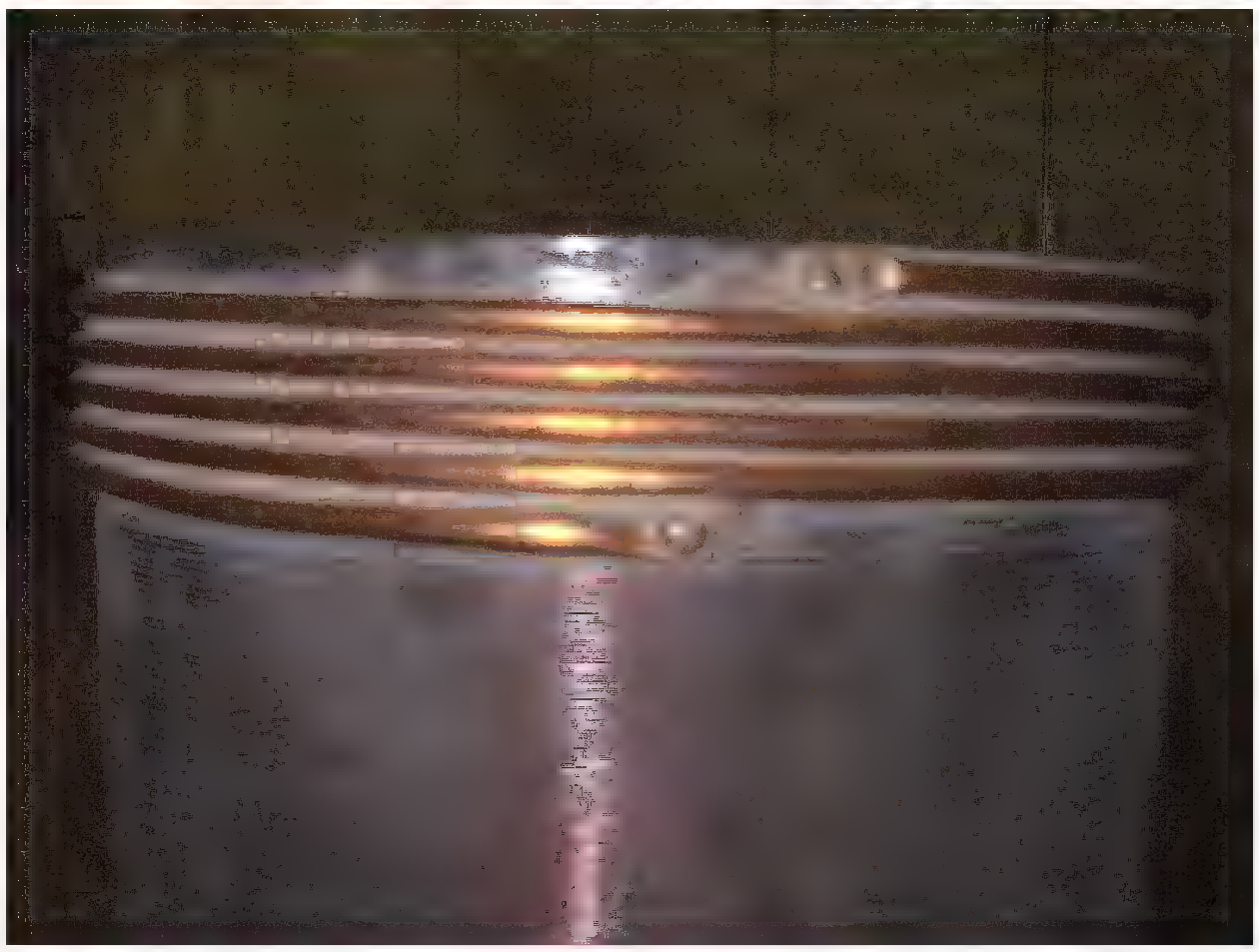
Martian Space Beacon











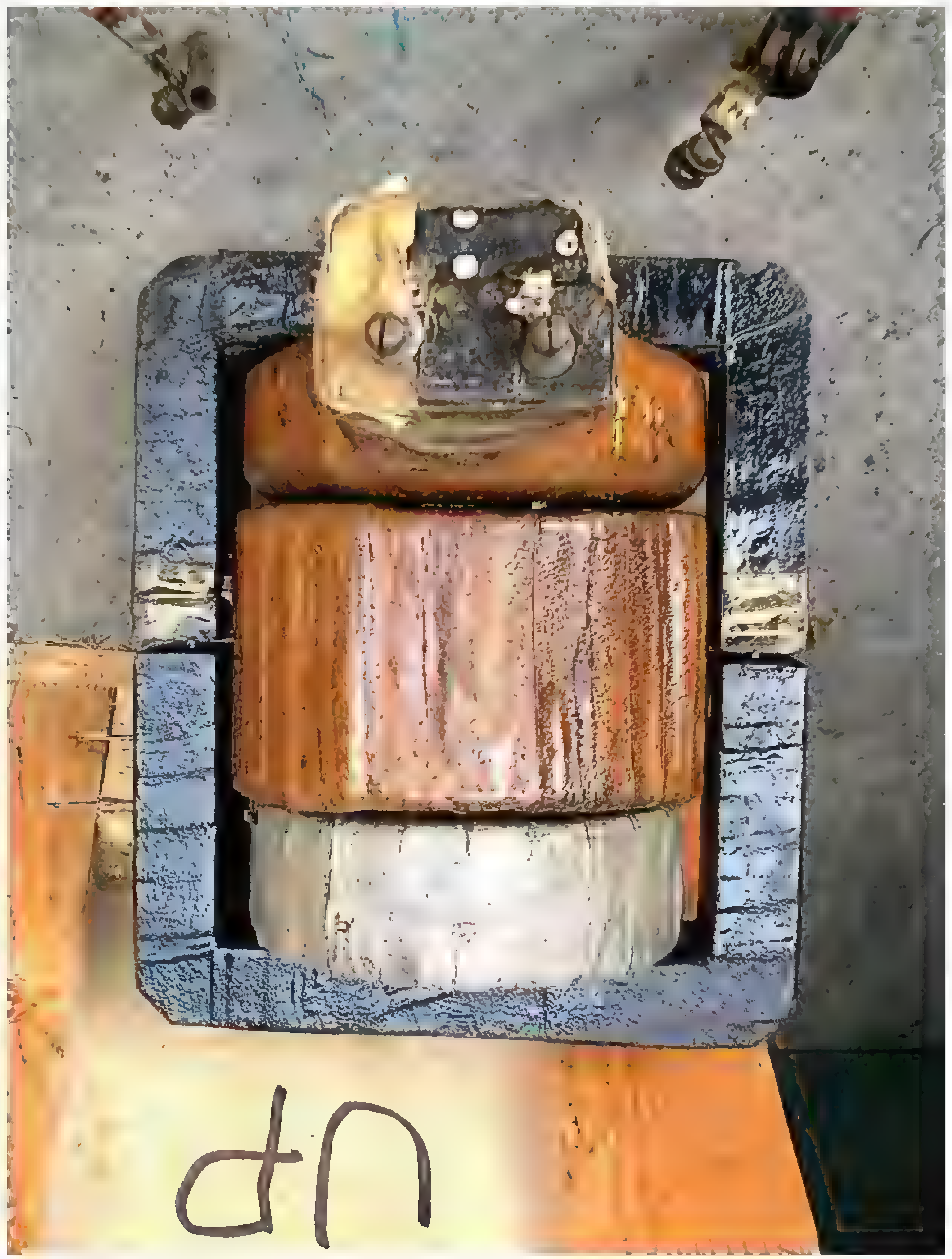











UP







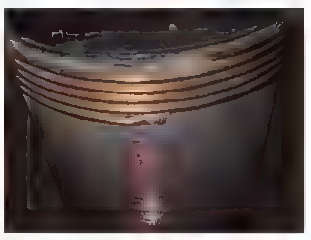
























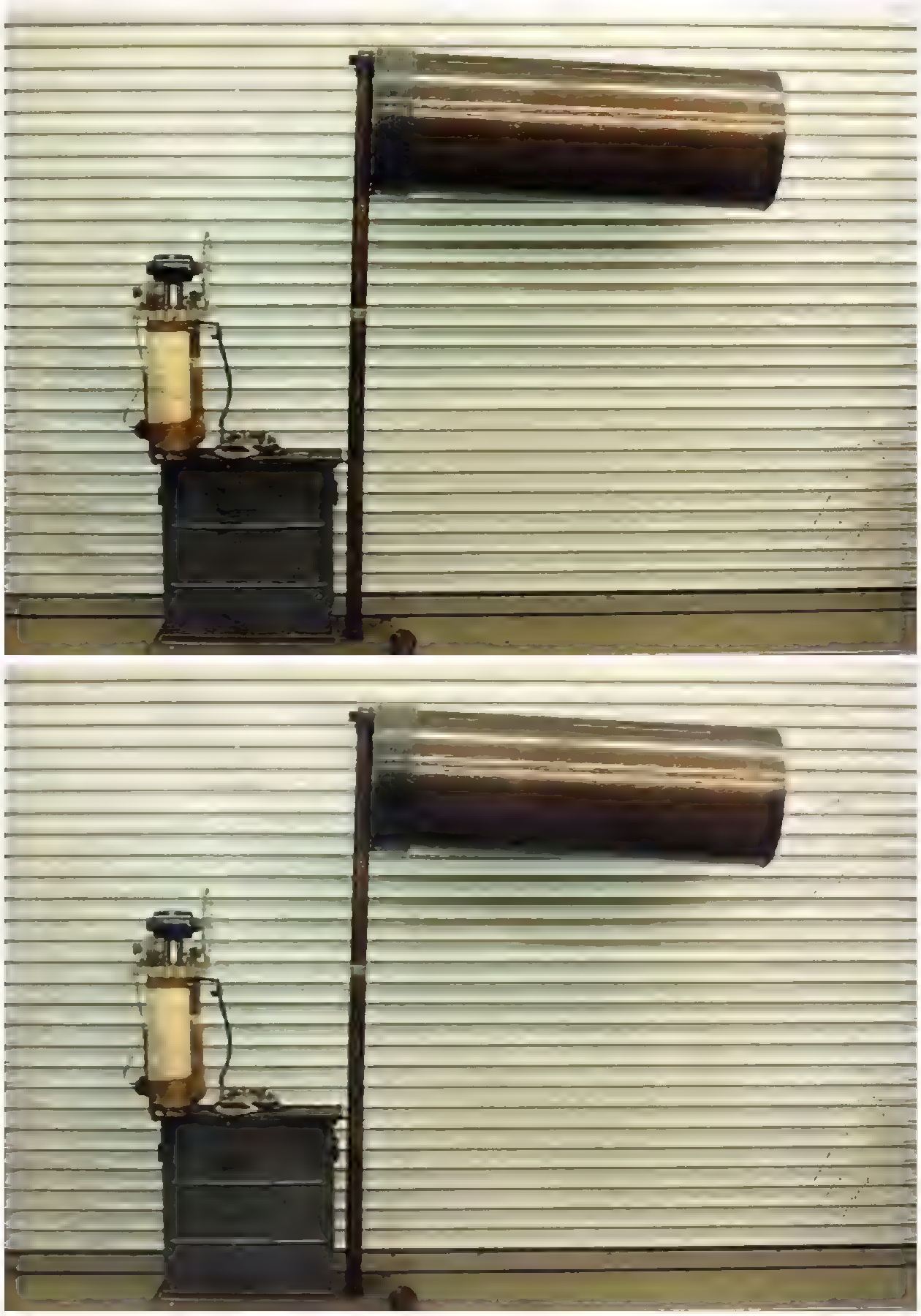


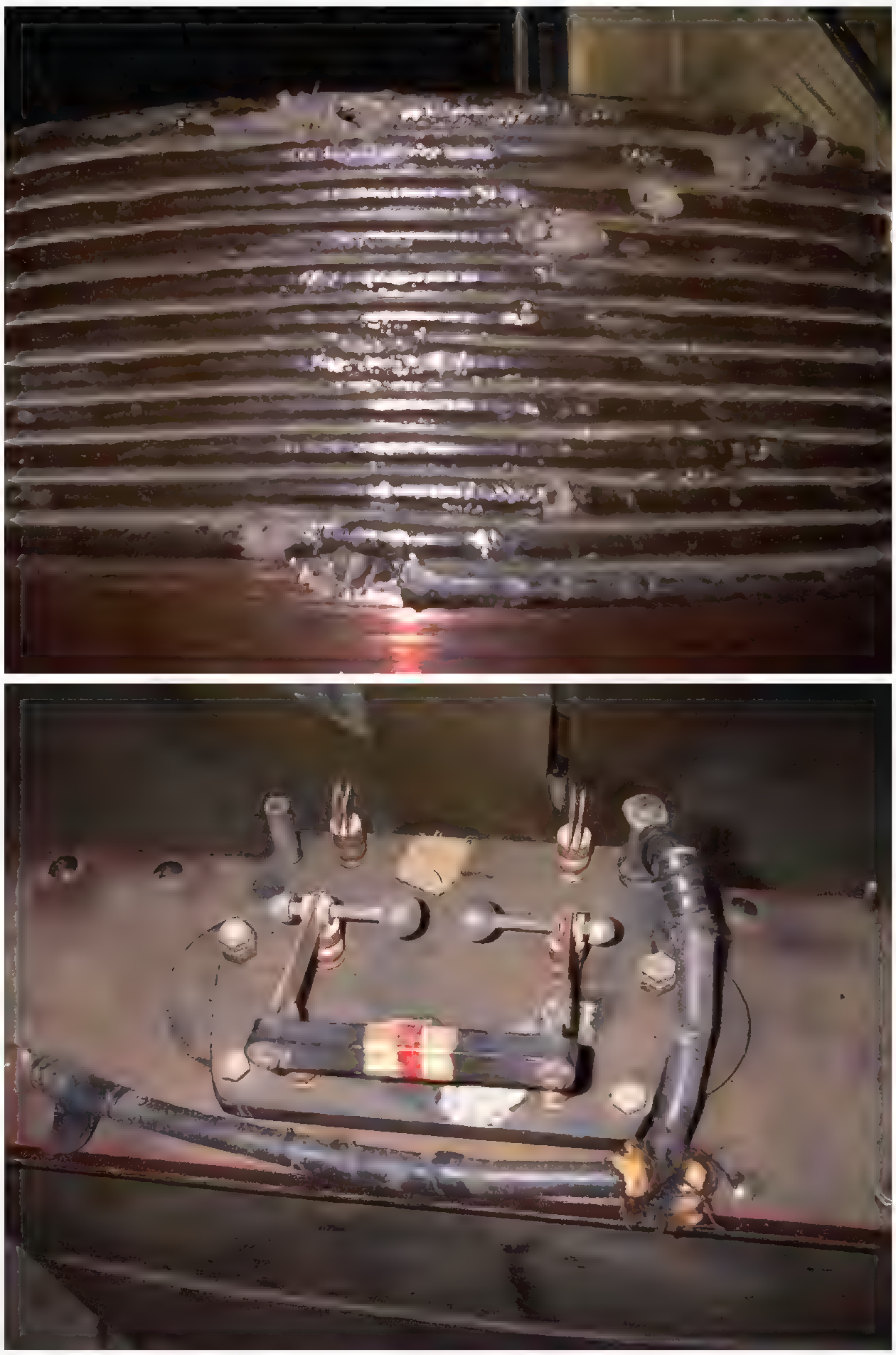




Meg Jr.





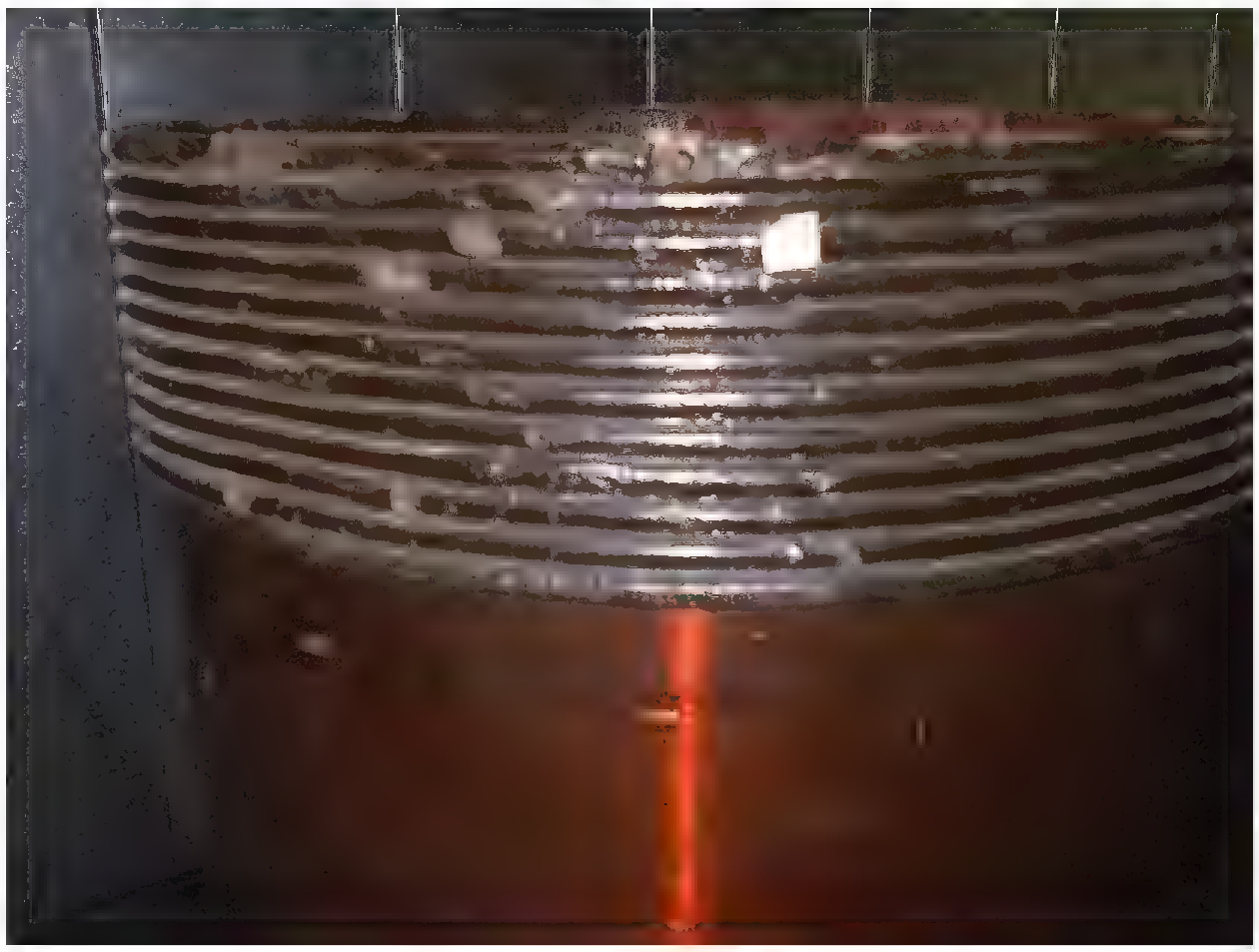






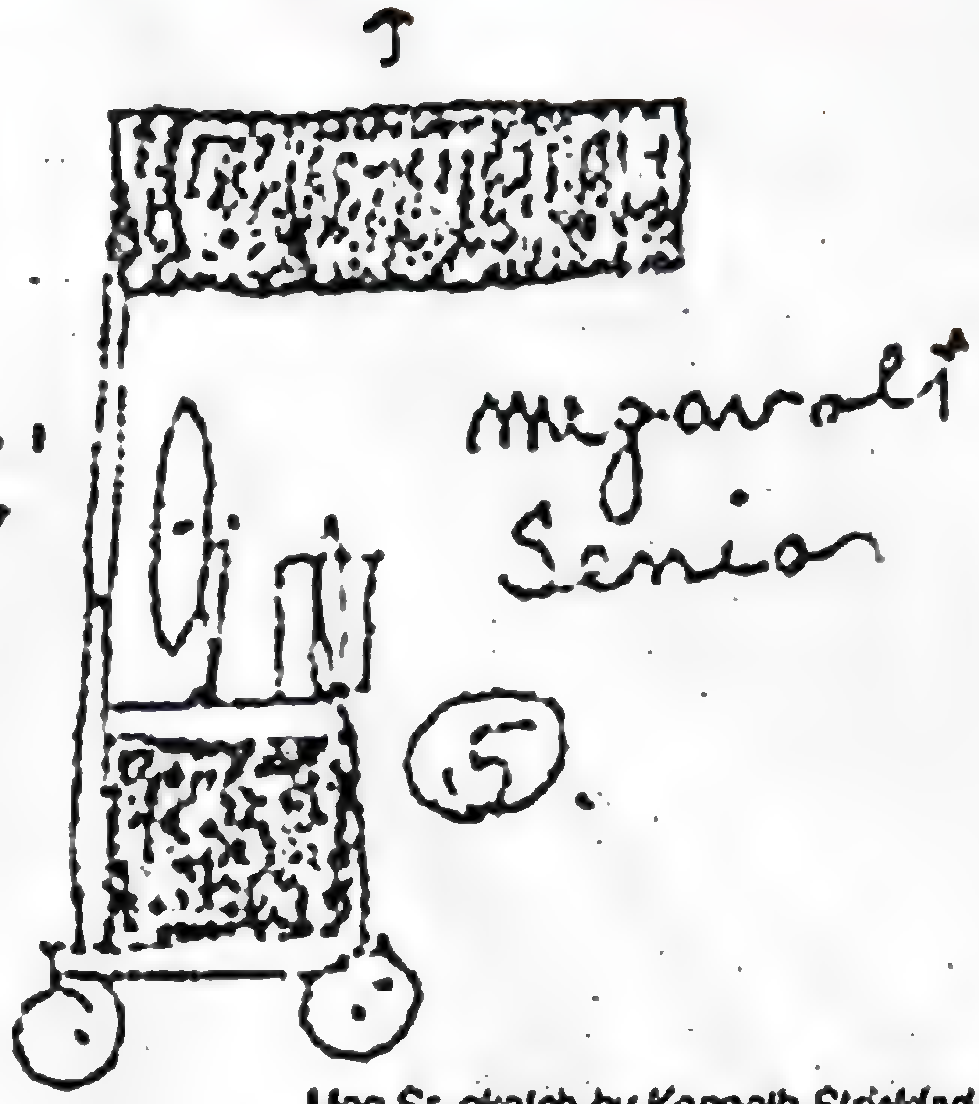












Meg Sr. sketch by Kenneth Strickfaden



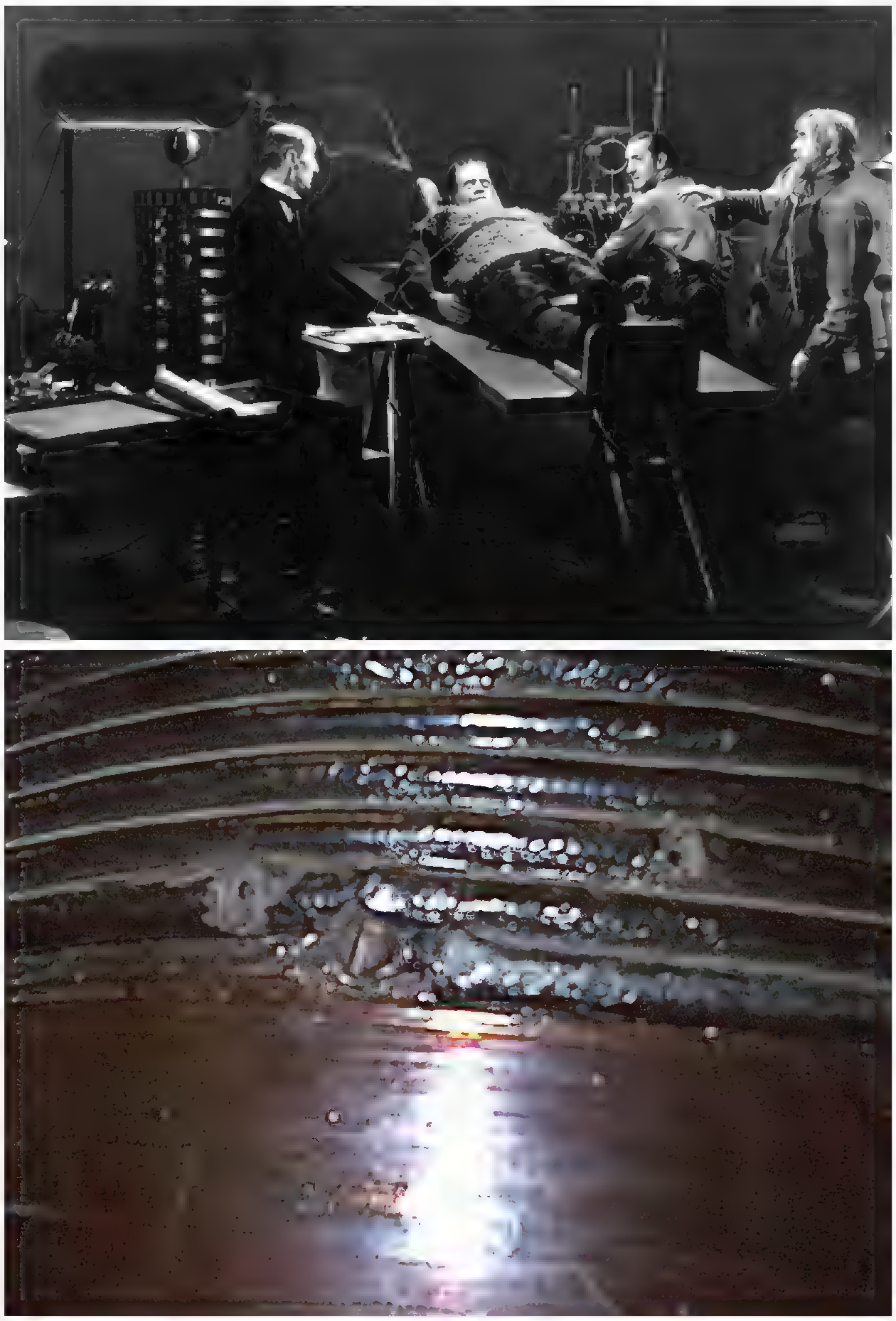




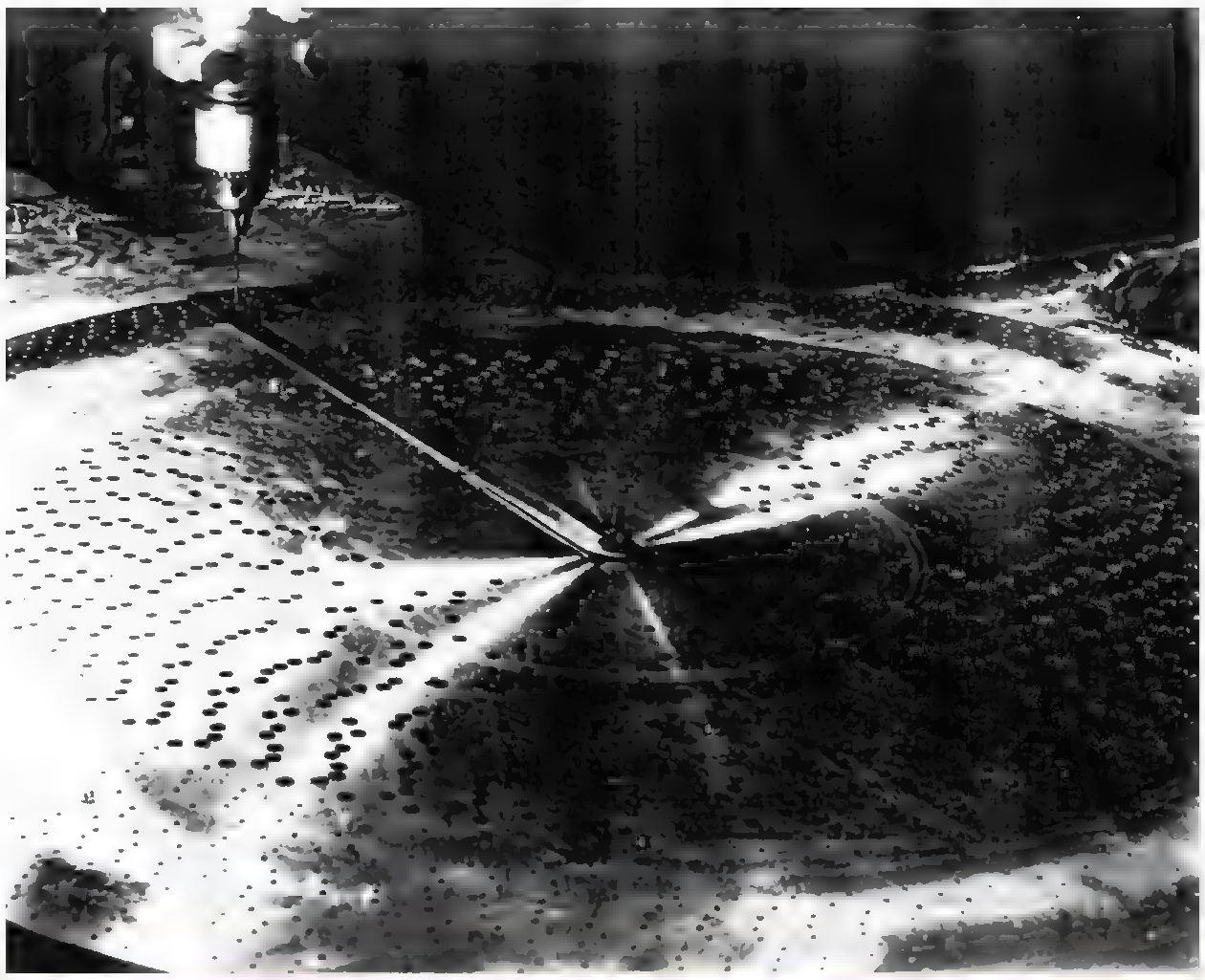


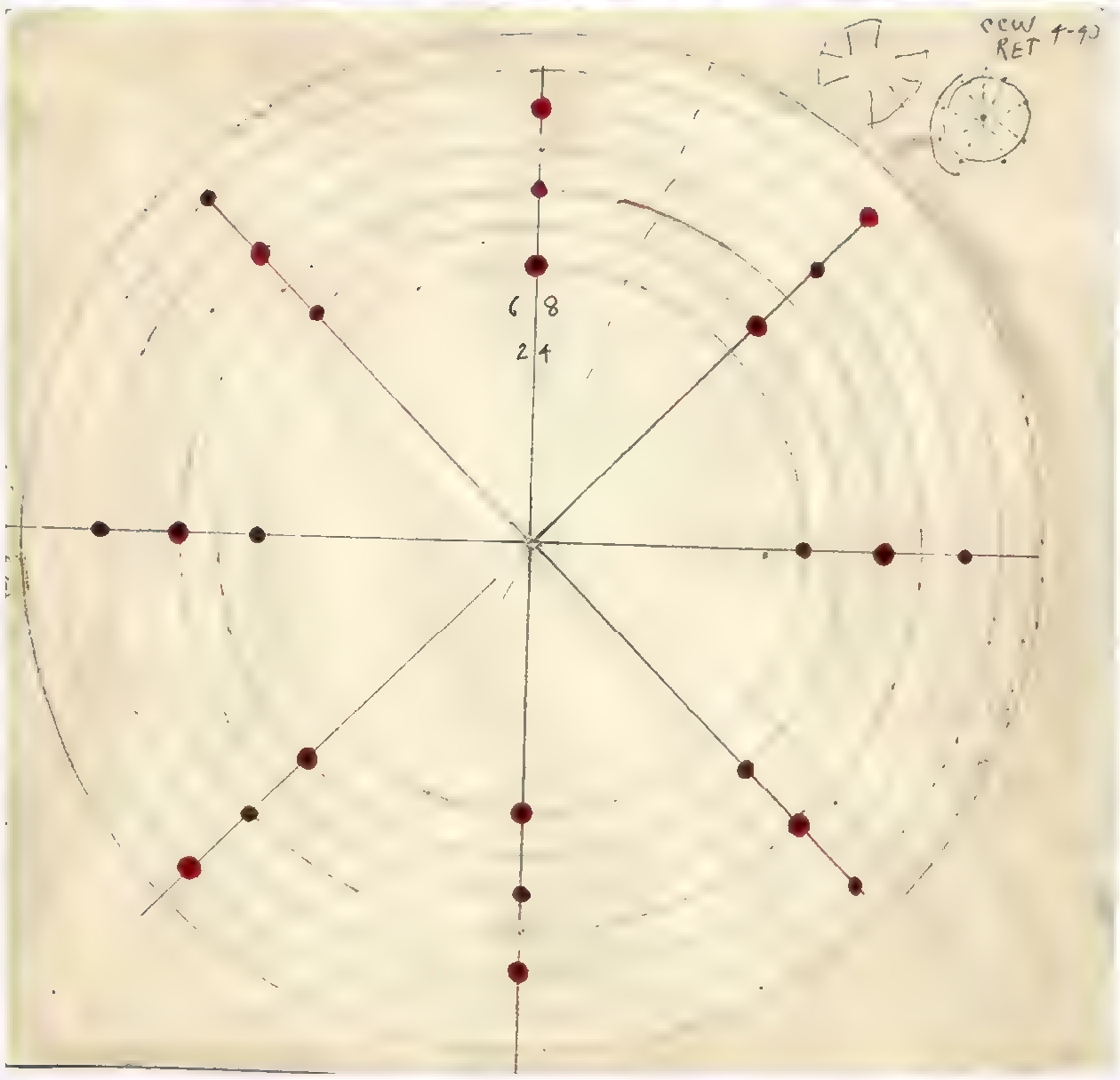


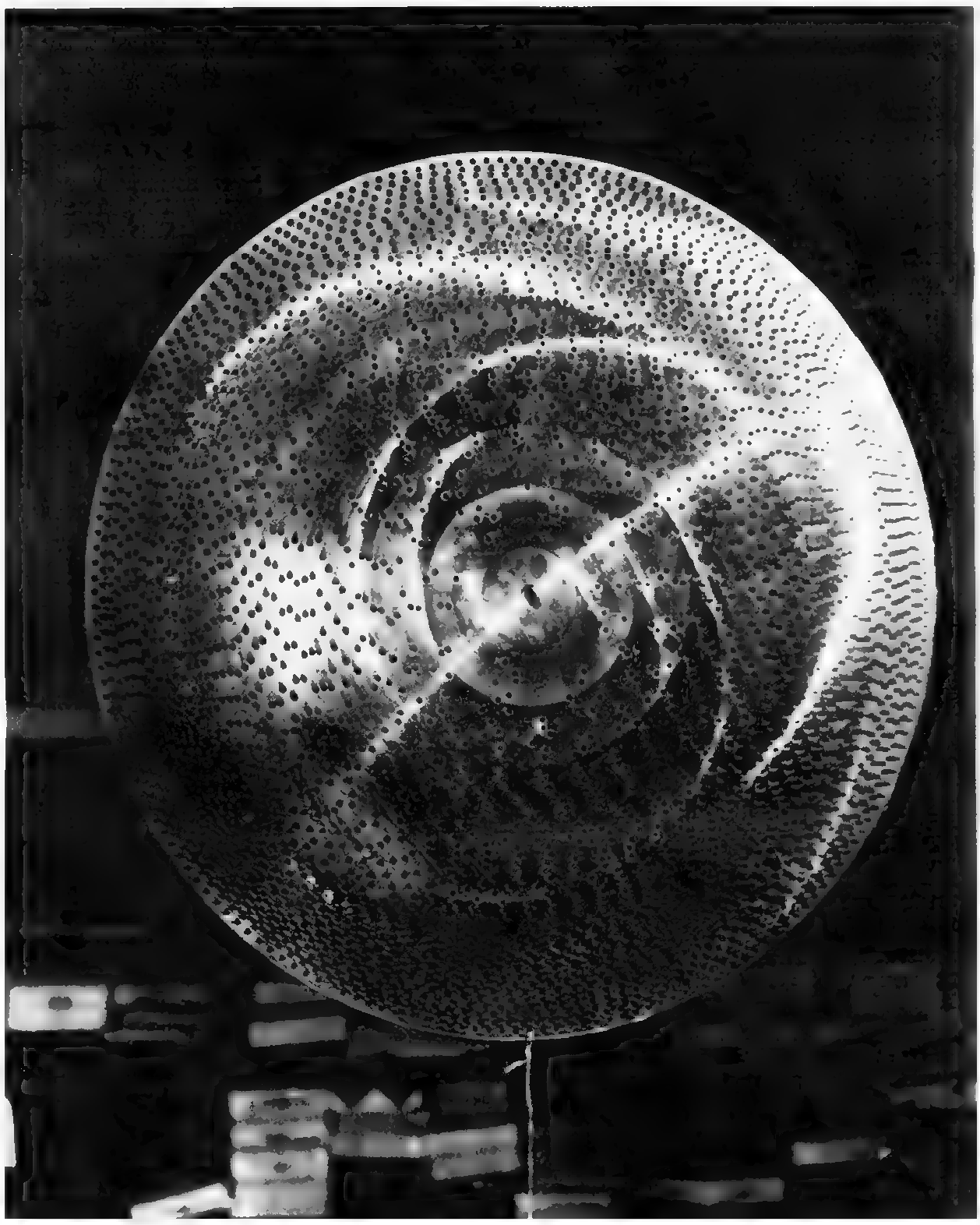




Meg Sr



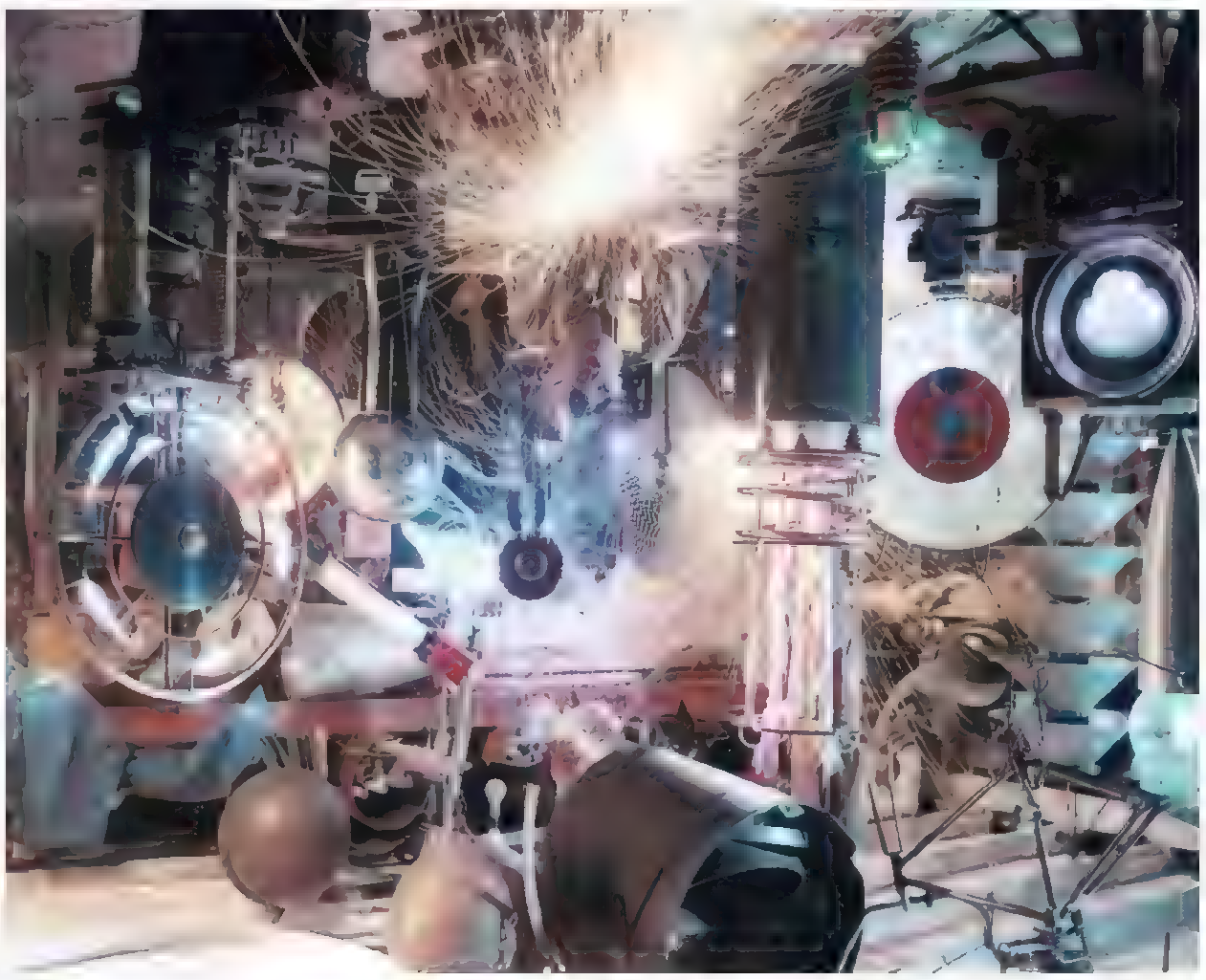

CCW
RET 4-90
6
8
2
4

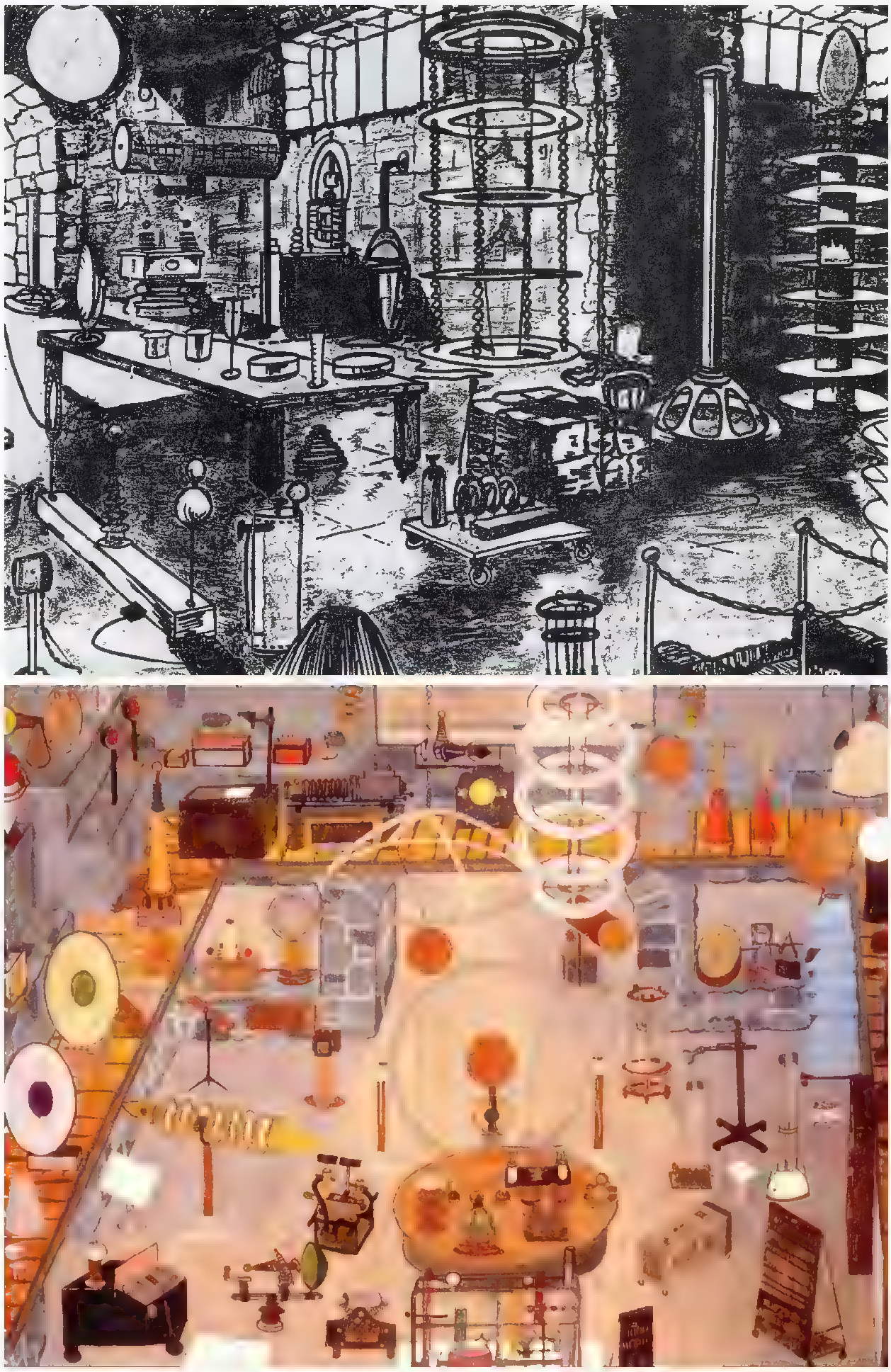


Melodyne




FLORA - FAUNA
From Kenzylvania
nite Bloomin' Day Lillies.
Jew Raineums.
near Sissies
Daffy Silly
christmas anthems
mars melo
monstrosities
CYCLOSAURUS
wizard of oho
Eos goddess of the Dawn
outer zinnias
Lettuce Pray
angry Panther
Tropical Frezia
Sweep east
Low growing Hyacinth
Shrinking Violent
Begone Begonias
Persian Erik.
Helio Tripe
Silent Blue Bell
AC
DC
UHF
VLF
TV
anxious archy
Nervous Nell
Moon Maidens
green grotto Gnu
Zodiac Zombie
Fragrant Vagra
Flu Fly
Fridley Falsgrof
Filip Fuller
Smedley Barbhouse



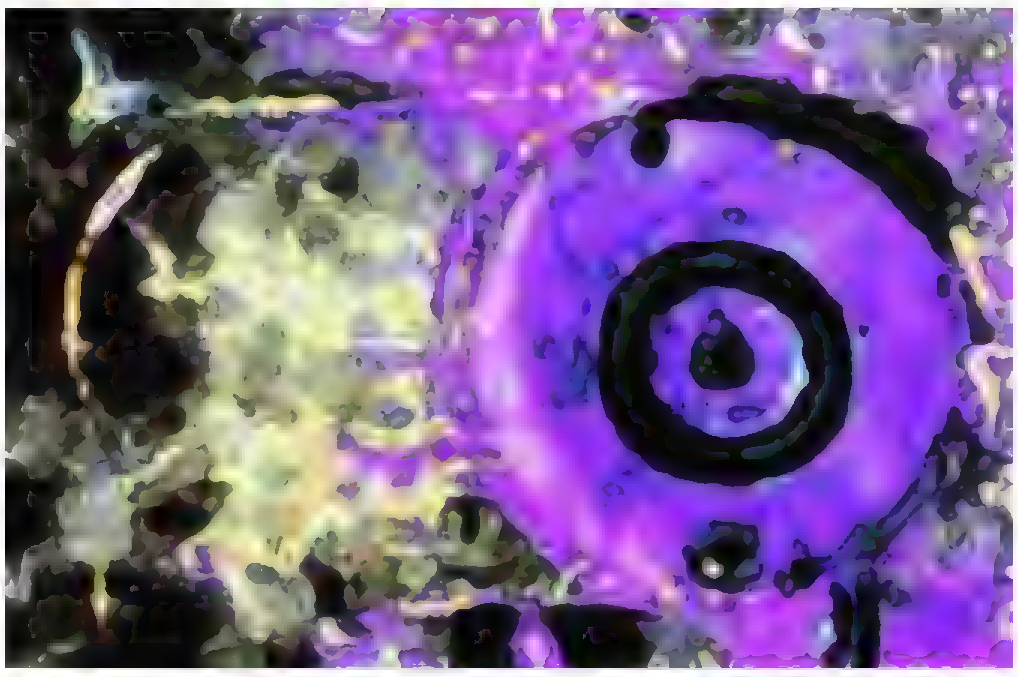






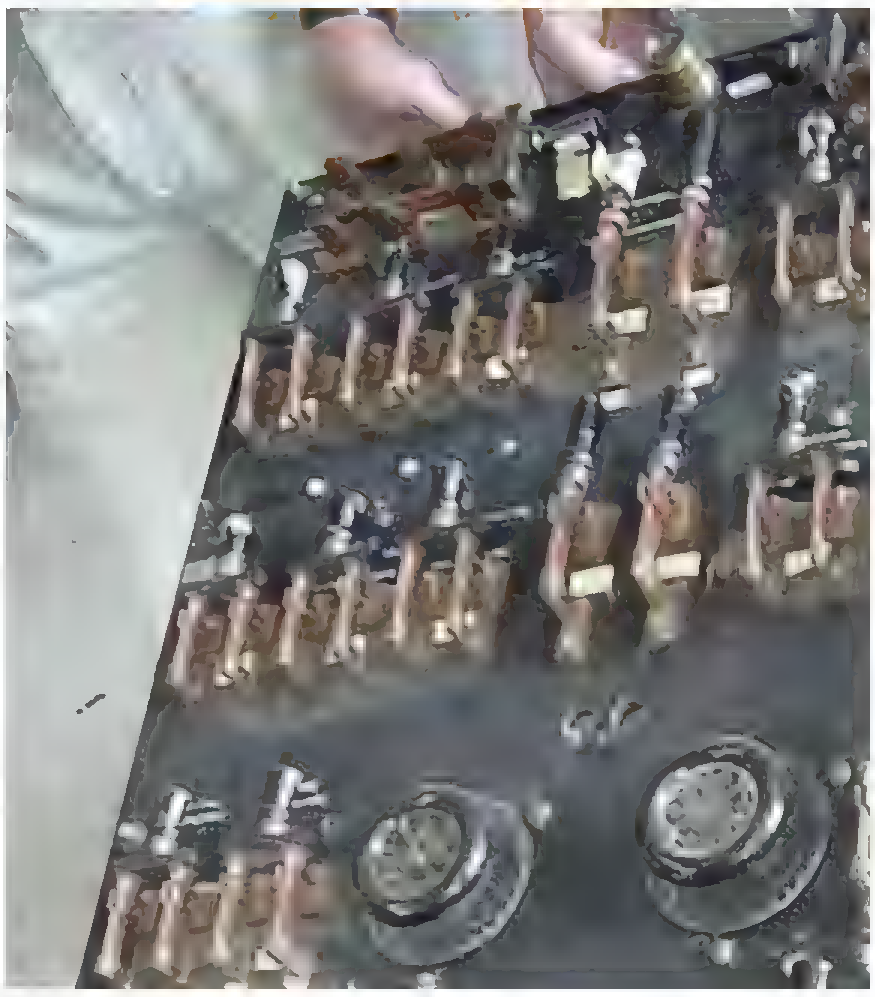






















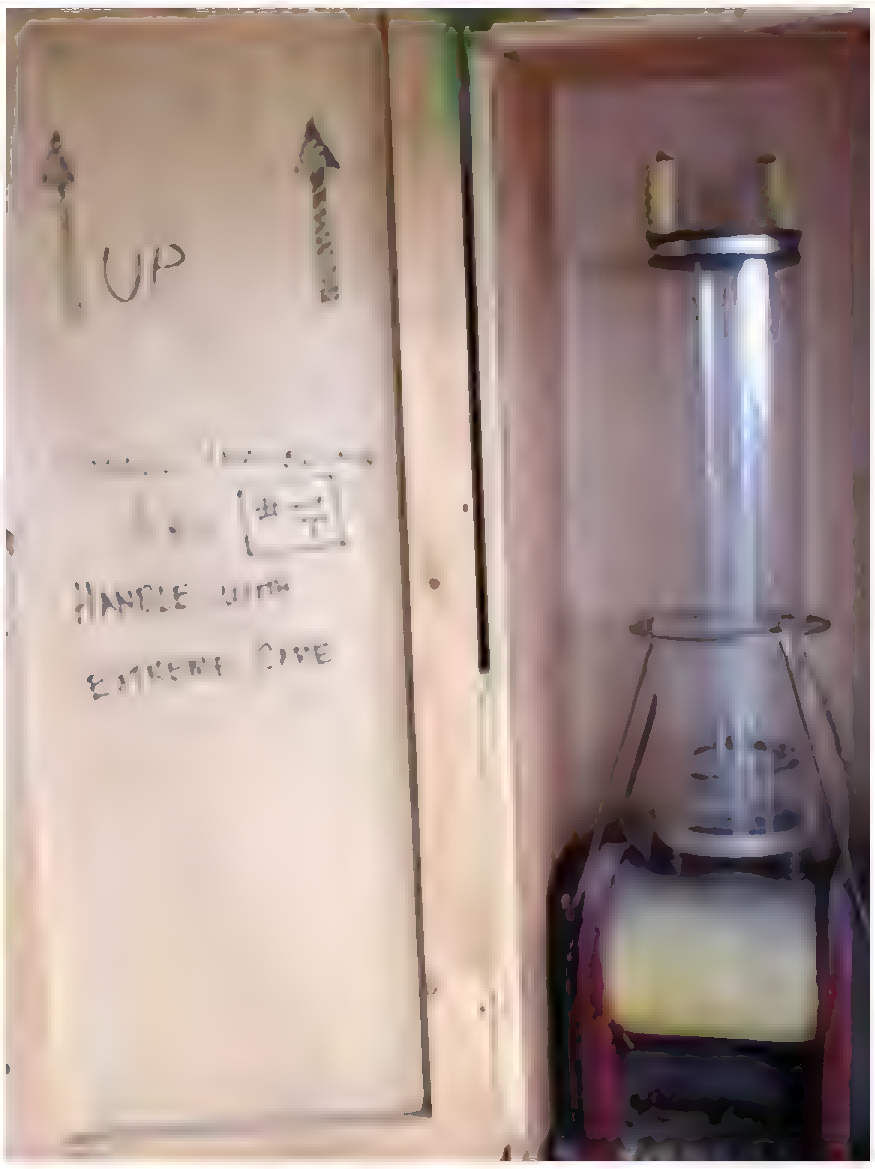


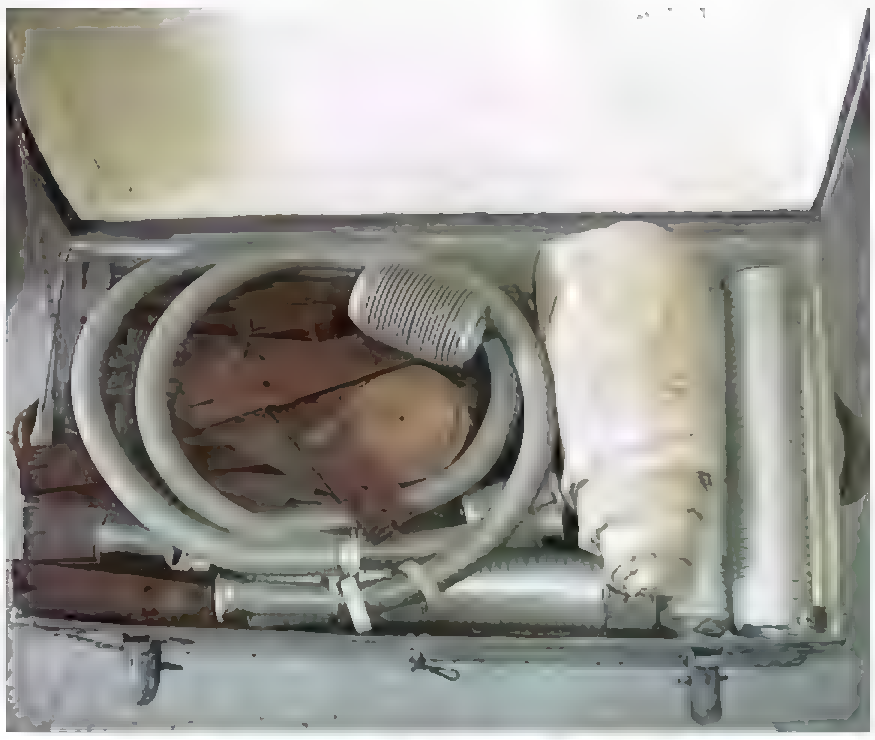







LARGE HANGING
TAPERING WC
#28


UP
HANDLE WITH
EXTREME CARE









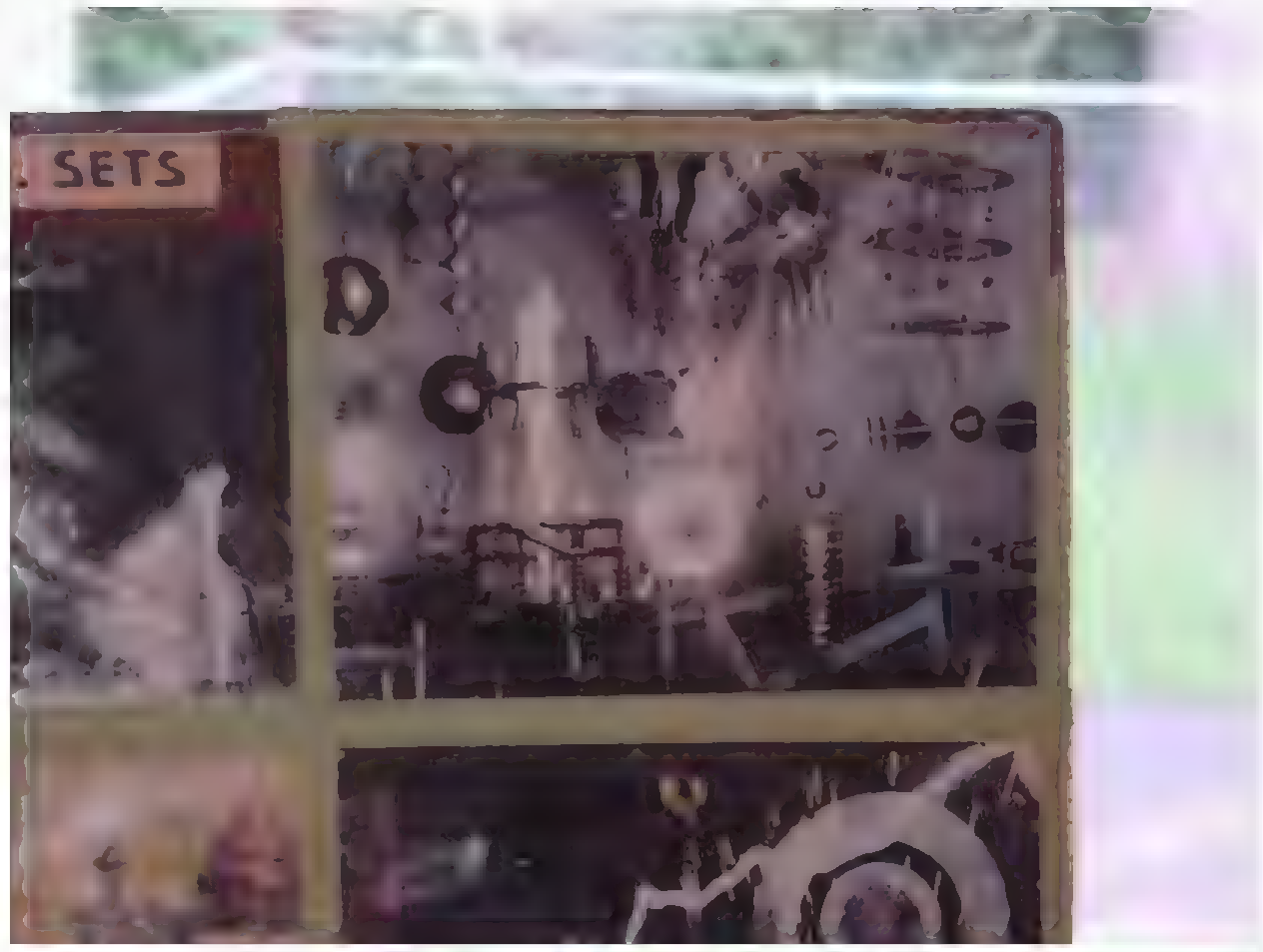


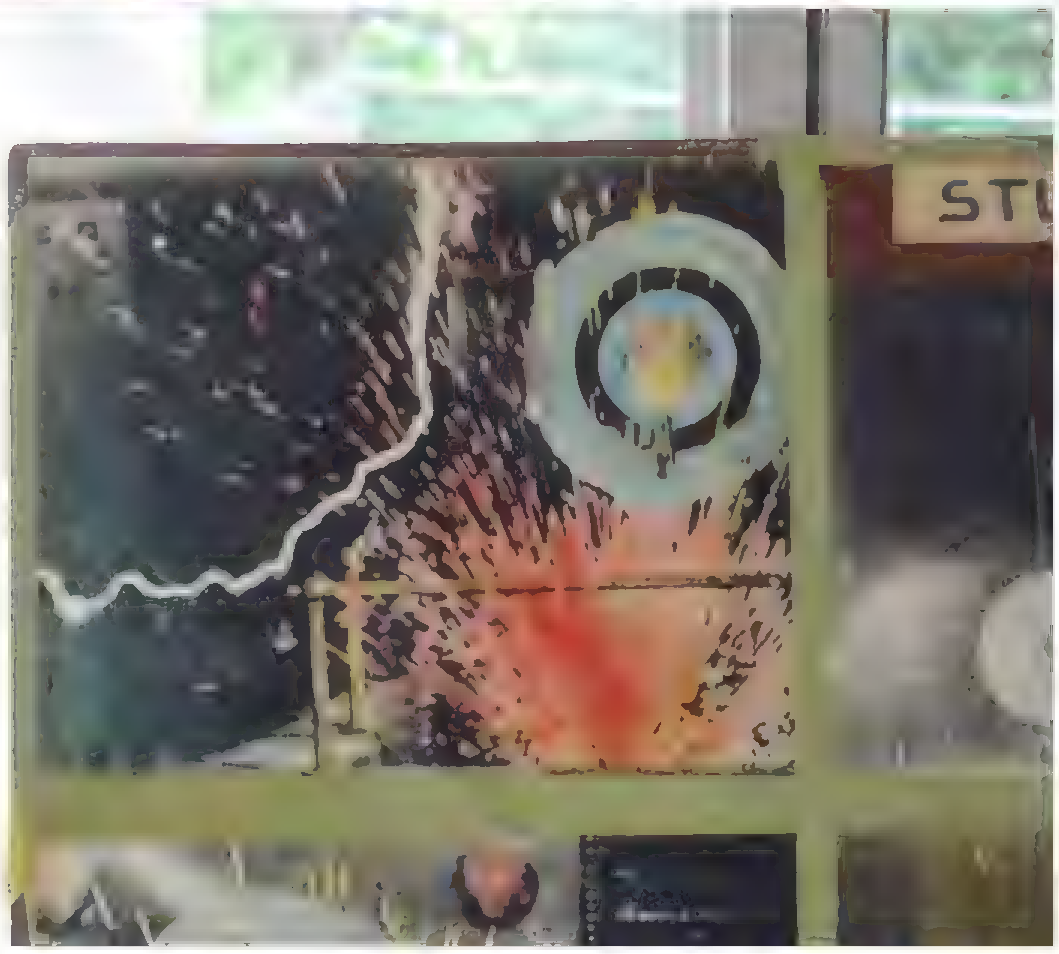


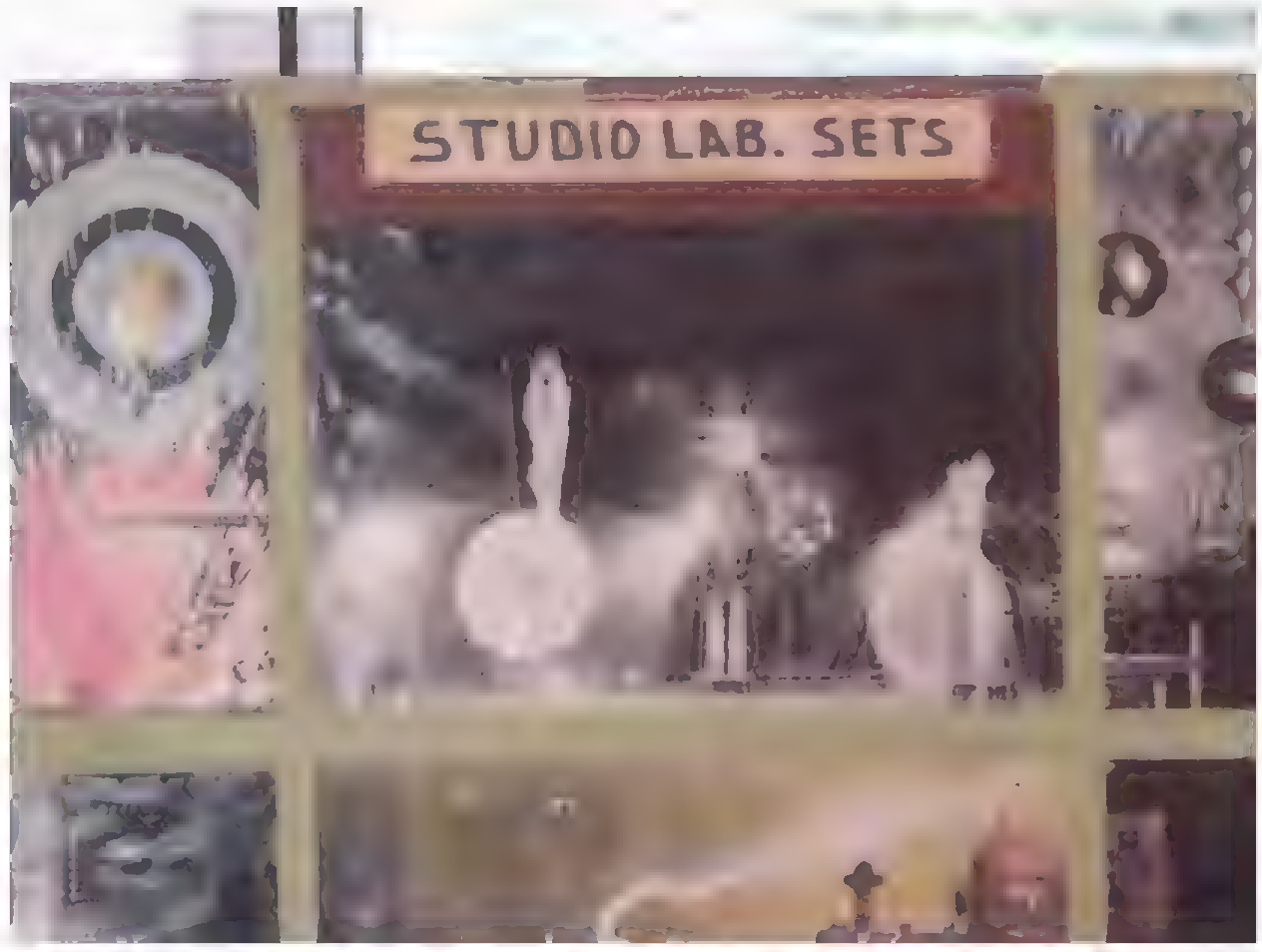







SETS


ST


STUDIO LAB. SETS









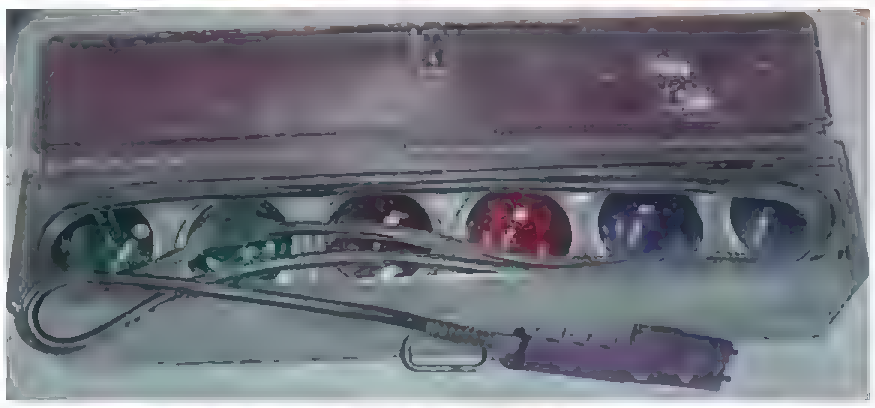




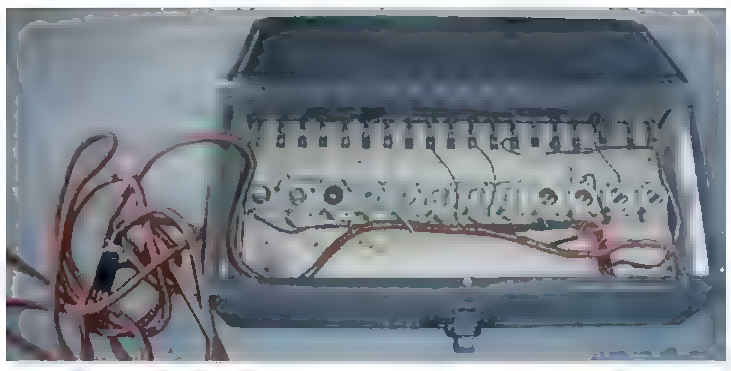


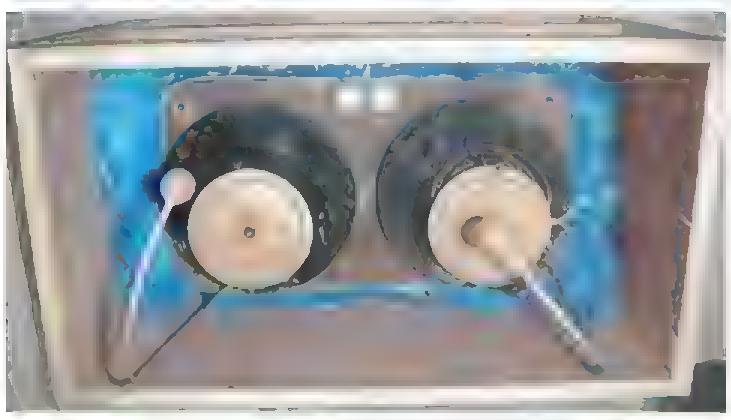

EMPTY CRATES











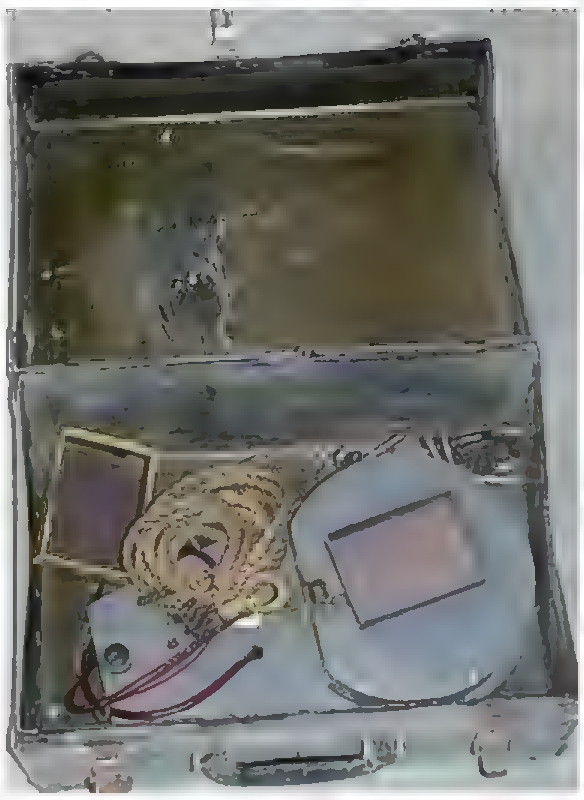










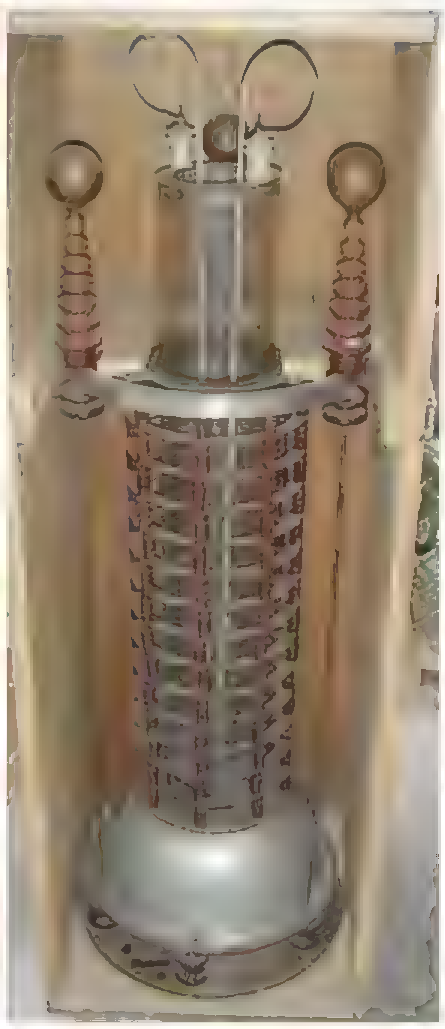














John Foster, at the original slate switchboard, designed and built by Ken Strickfadden, to run his stage electrical "mad scientist" machinery.



The Times Staff writer, who wrote a feature article about Ken's life work, poses with "Oscar" next to the master of special effects.



Ken demonstrates his air-powered acoustic disk organ for the audience. The aluminum disk is being spun by a small motor, held by the hand of the writer. The disk has approximately 400 holes, each 1/4 inch in diameter, drilled on precisely located points in consecutive radial circles. These holes are in a mathematical sequence, such that when air is blown through them, they produce not only fundamental tones but under and over harmonics as well. (Note: Ken also made a giant four foot diameter disk of the same design with more than 1,500 strategically placed holes that will cover some six octaves when spun at 1,000 r.p.m.



In 1981, Bill Wysock succeeded in luring Ken and company to the Monrovia "back yard high voltage proving grounds." This event was to honor Ken Strickfadden, and was staged about one month before Ken's showing at the Academy. It was the precursor of what was later termed by others as a "Teslathon."



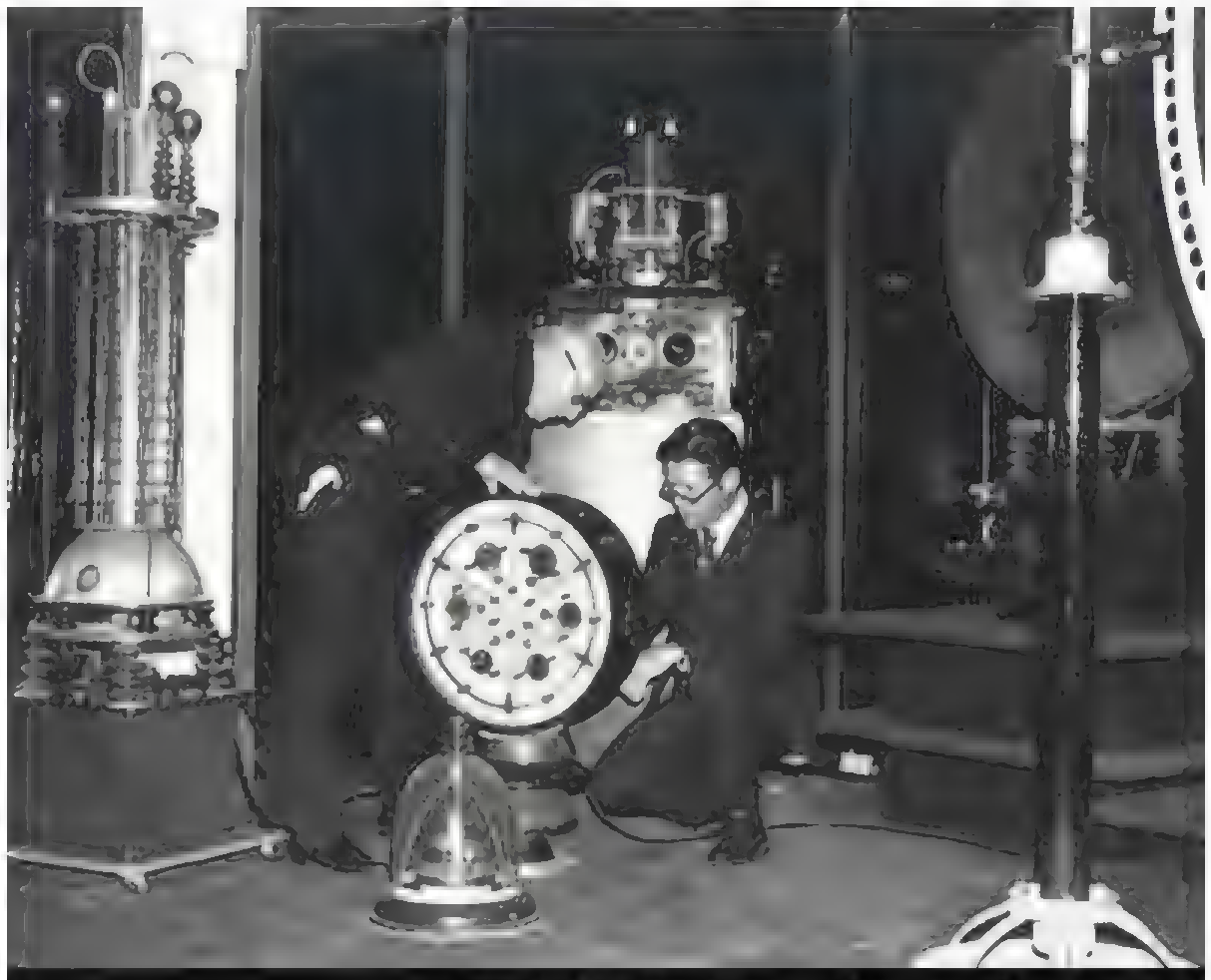
The prototype Model 5D being prepared for operation. Note the flat aluminum top plate. This was a "stand-on" coil and is the source of high voltage used by Bill Wysock to create all the high voltage special effects for the motion picture "The Entity," starring Barbara Hershey. In the photo: John Foster (lower left,) Dick Aurandt (with his "signature" Vincent HRD Motor Cycle T-shirt and black jacket on). Ed Angell (upper right,) and Jim Shaffer, (lower right,) discuss details while the master (Ken in the background,) contemplates what is to follow.



Ken assists a "willing" volunteer place metal sewing thimbles on his fingers before standing on a prototype Model 5D Tesla coil.



Ken and John at the ceremonies celebrating Ken's life-long achievements spanning from the original Frankenstein (1931), up to Young Frankenstein.



Ken and a close friend, Dick Aurandt, at the Academy, shown with Ken's "Digital Desputer" (lower center), a large Jacob's ladder (left,) and Ken's famous "Lightning Screen" (upper right background).



Ken with his largest Tesla Coil "Meg Sr." The Lightning Screen can be seen in the background.



Ken, striking up a high current low voltage carbon arc. Note one of the smaller Jacob's ladders (immediately to Ken's right.)



Ken takes an arc from another one of his famous Tesla Coils, ("Meg Jr.") which is the same coil used in "Young Frankenstein", to bring the monster to life.) John Foster is operating the switchboard. An audience of more then 500 people turned out for this most special occasion. Also shown at the Academy's screening theater that night, were dozens of classical film highlights from virtually all of the movies Ken worked on, from 1931 to 1984. Ken was interviewed on stage by a staff reporter from the Los Angeles Times.



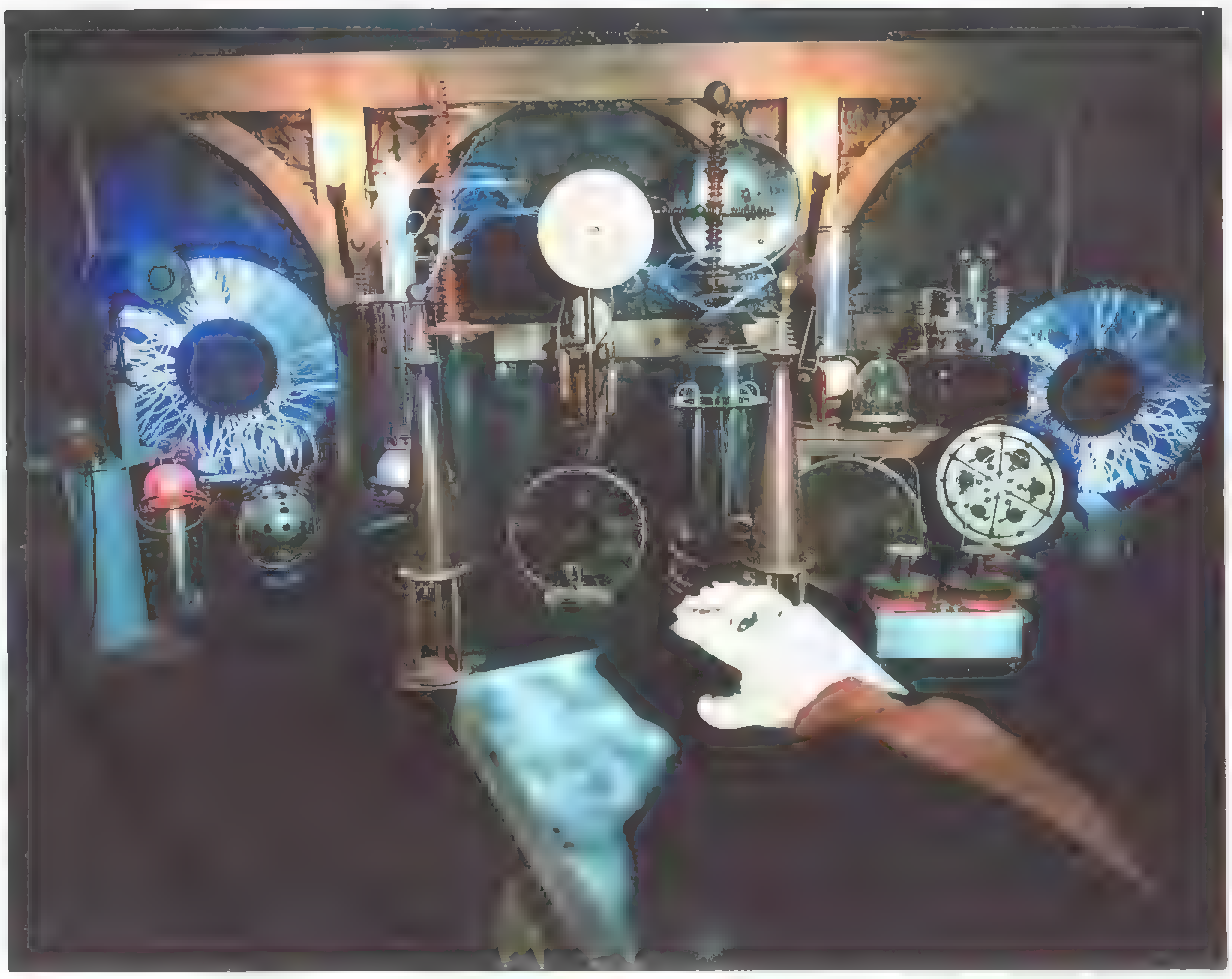
Ken speaking to the audience at the Academy.



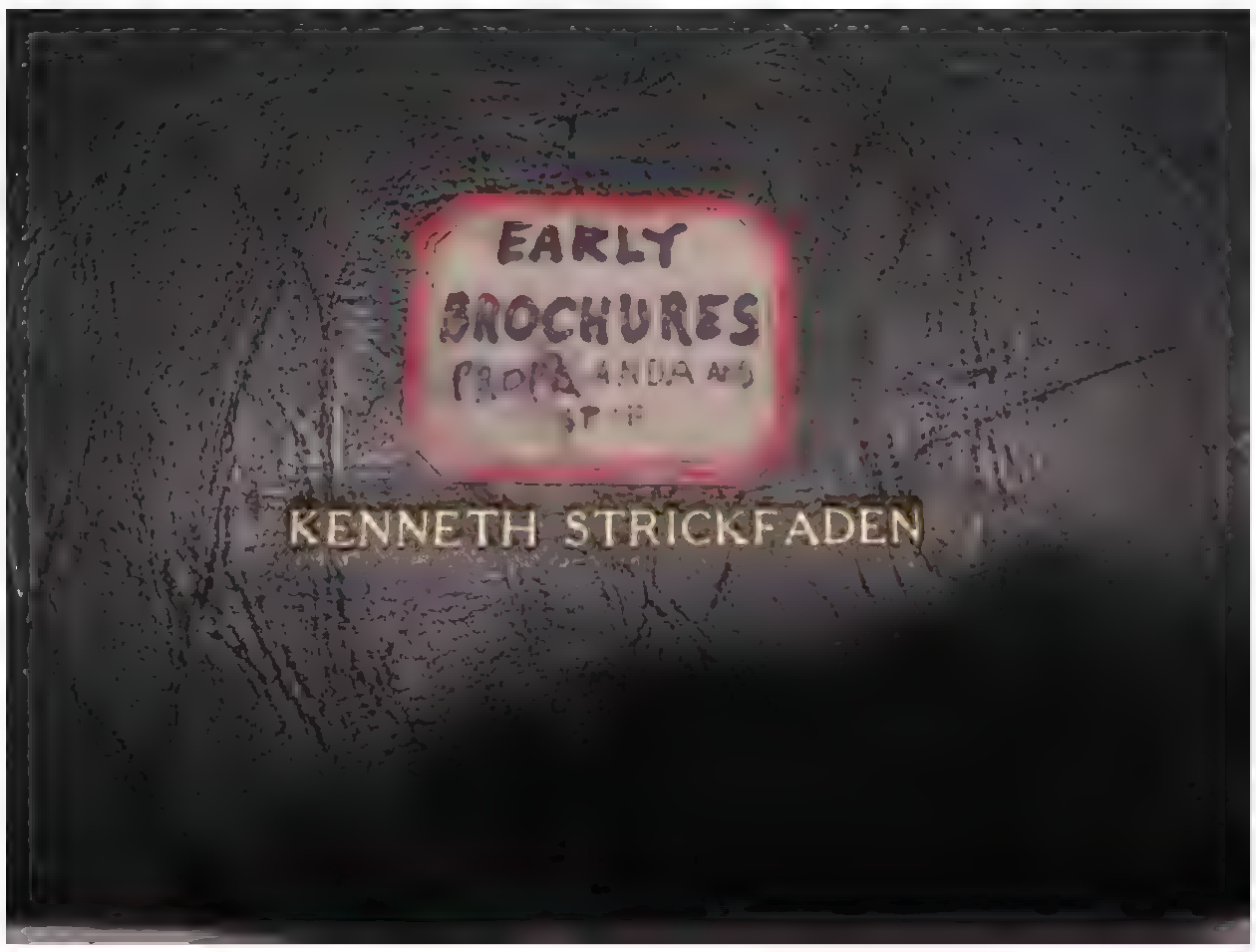
Ken strikes up a high current, low voltage A.C. arc between two carbon rods.

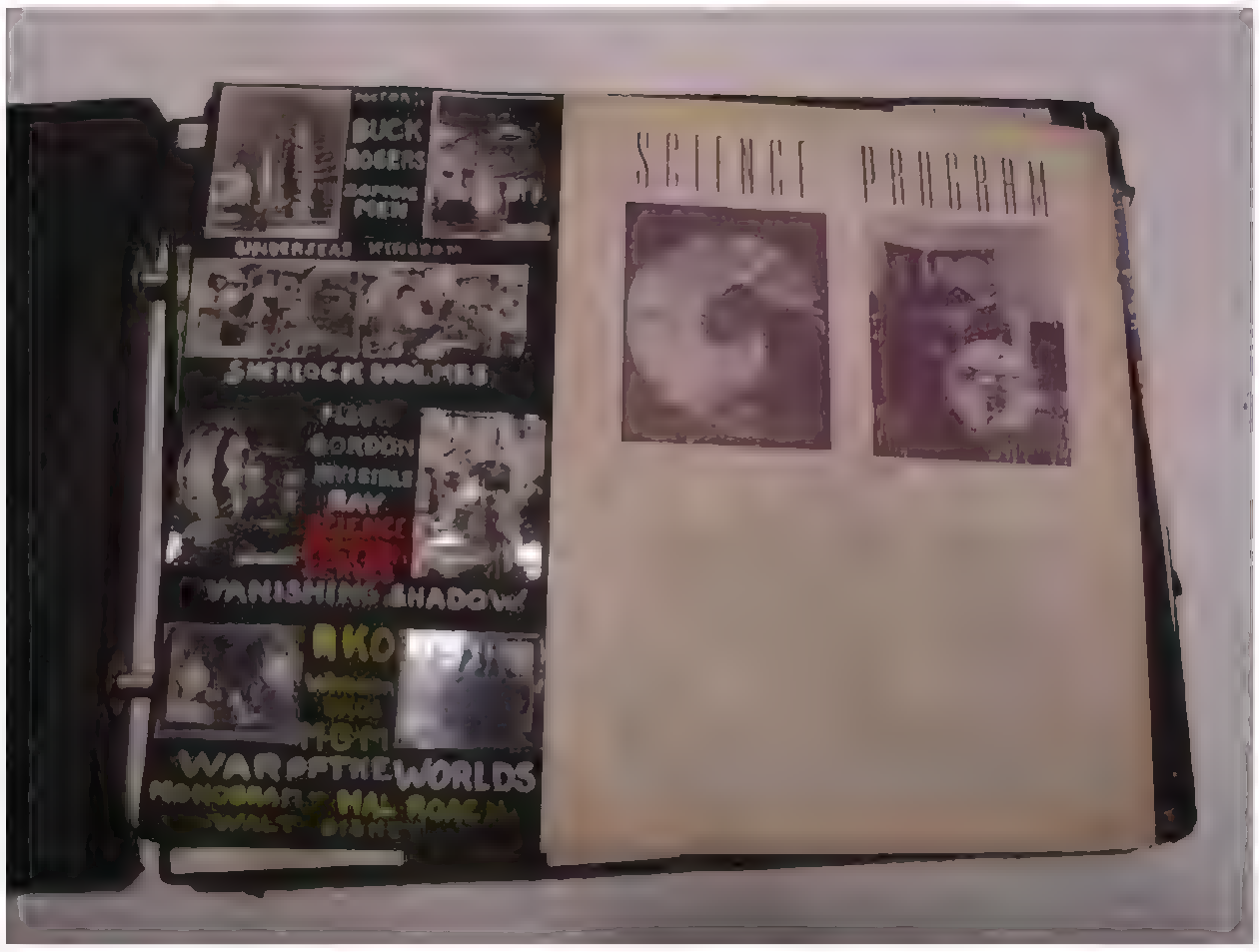


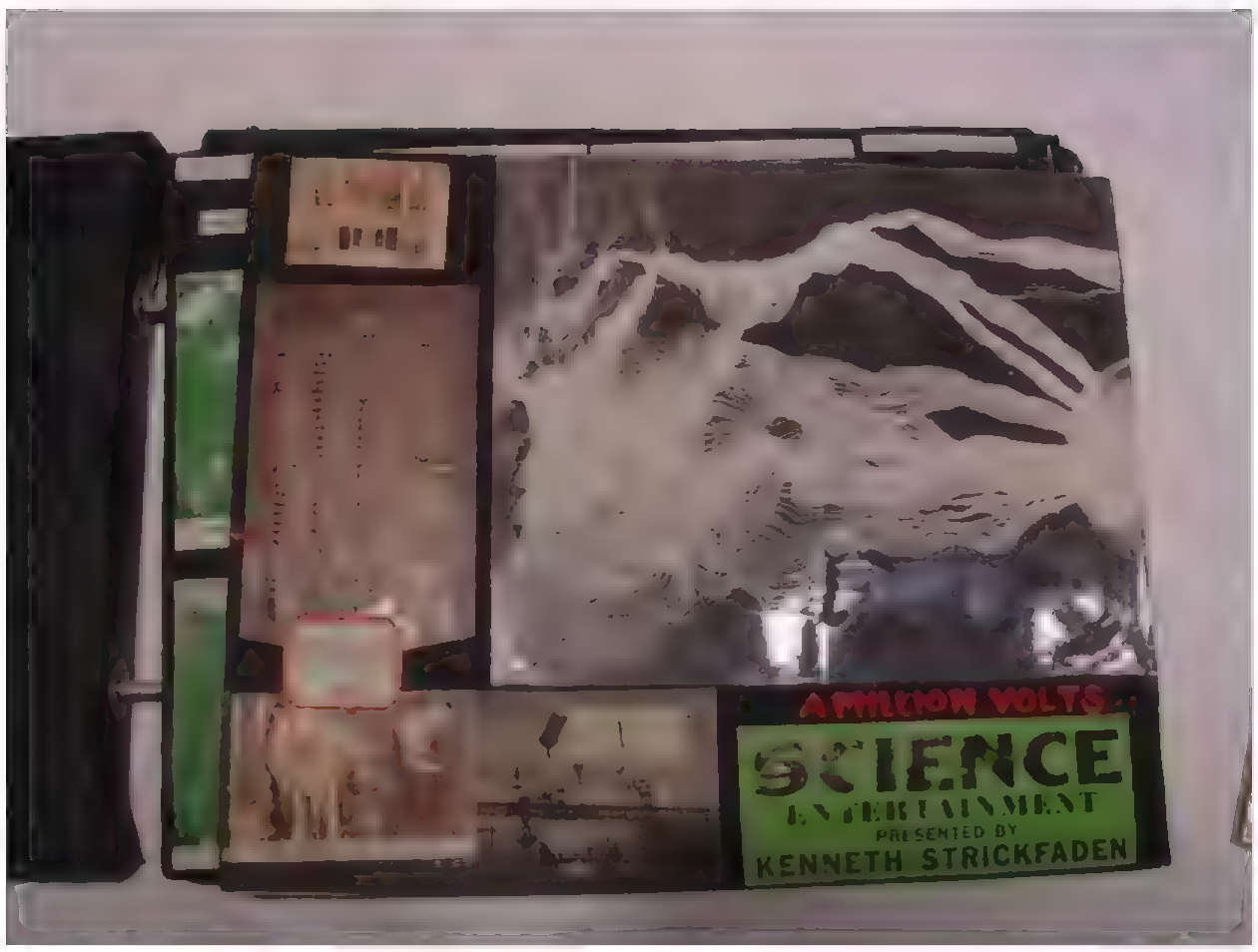
Ken, talking with the Los Angeles Times Staff writer, on stage inside the screening theater at the Academy of Motion Pictures, Arts, and Sciences



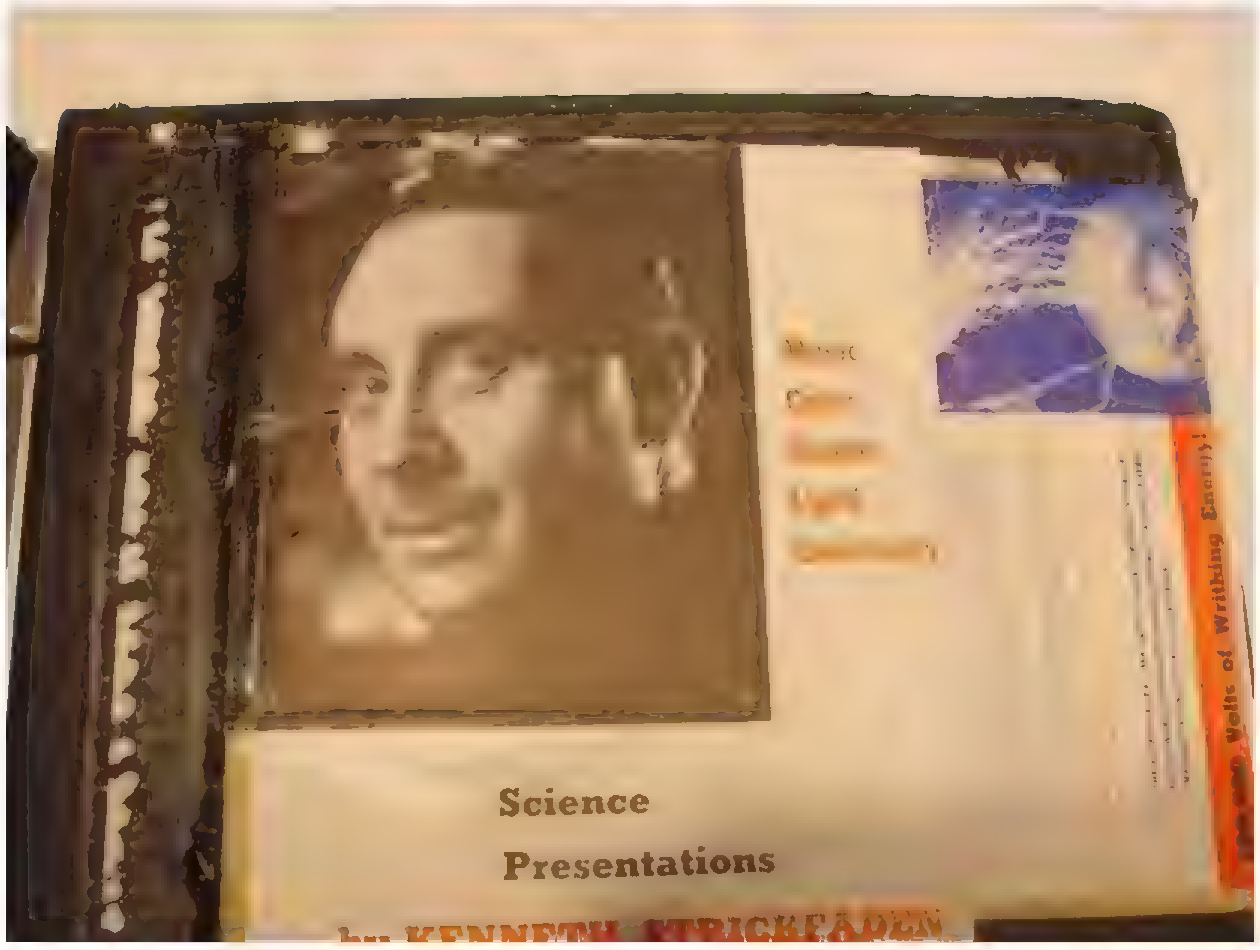



EARLY
BROCHURES
KENNETH STRICKFADEN


BUCK ROGERS
SCIENCE PROGRAM
SHERLOCK HOLMES
WAR OF THE WORLDS


A MILLION VOLTS
SCIENCE
ENTERTAINMENT
PRESENTED BY
KENNETH STRICKFADEN


Past. Present


Science
Presentations















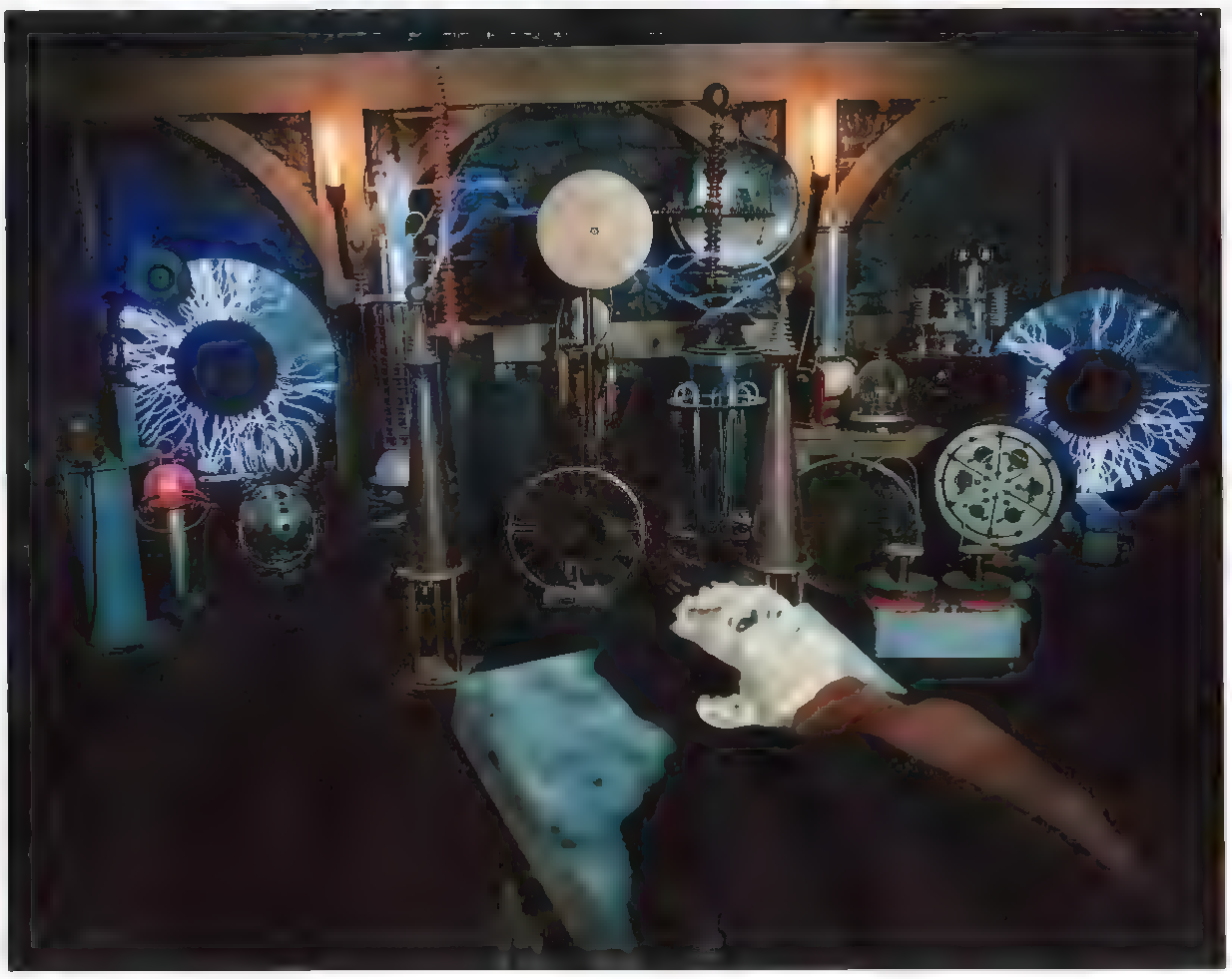




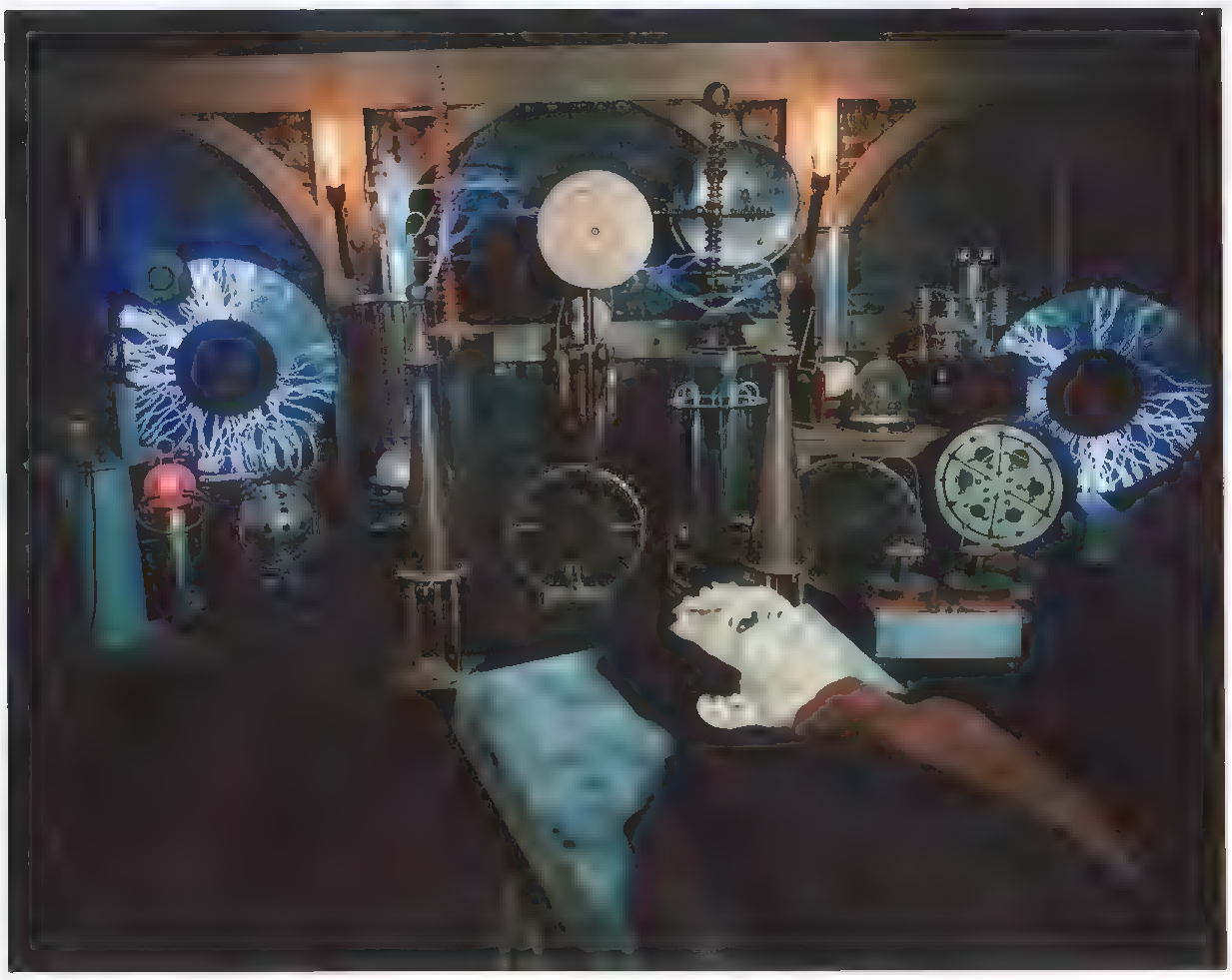


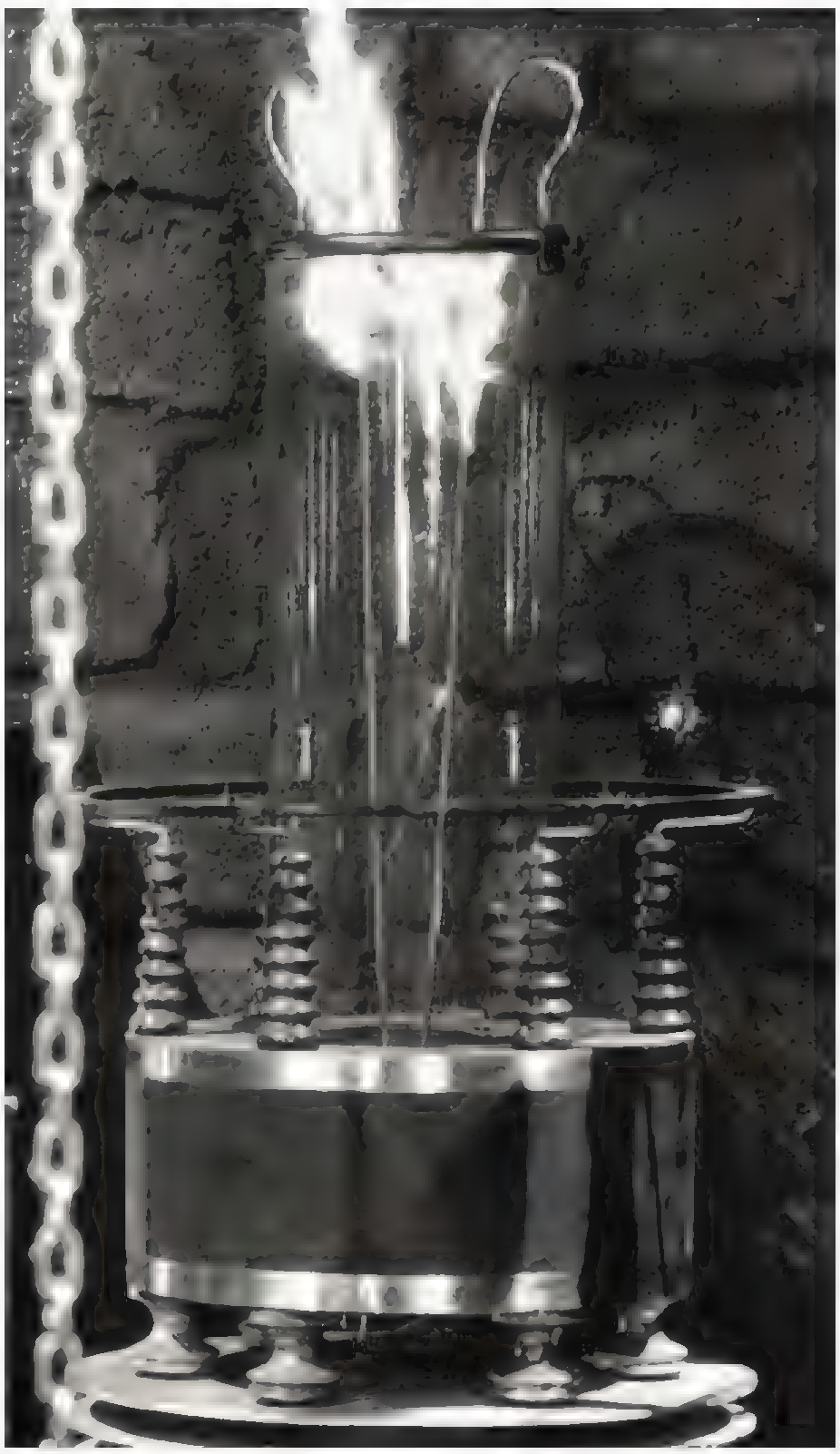














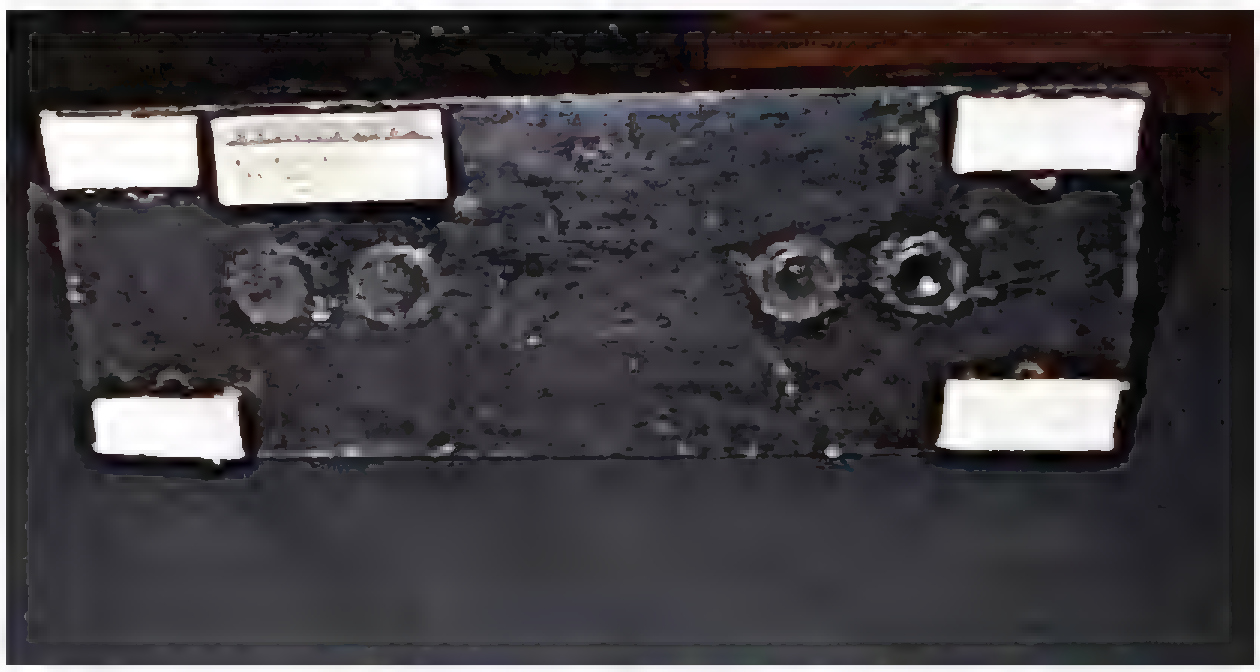

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THUBIAN
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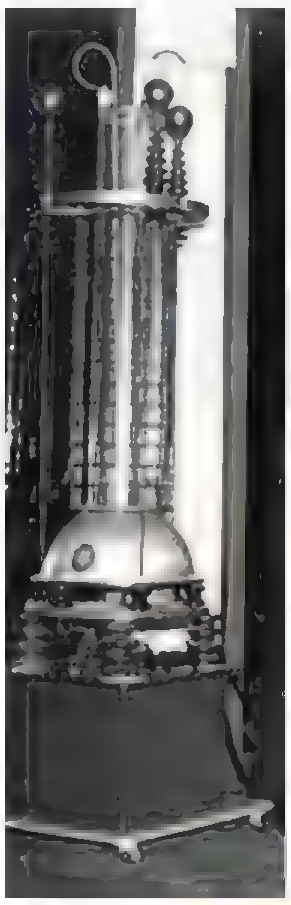








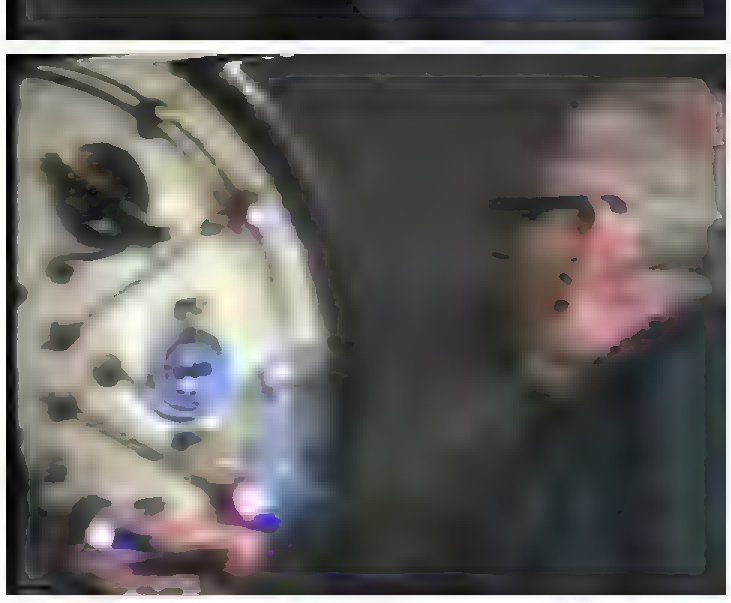




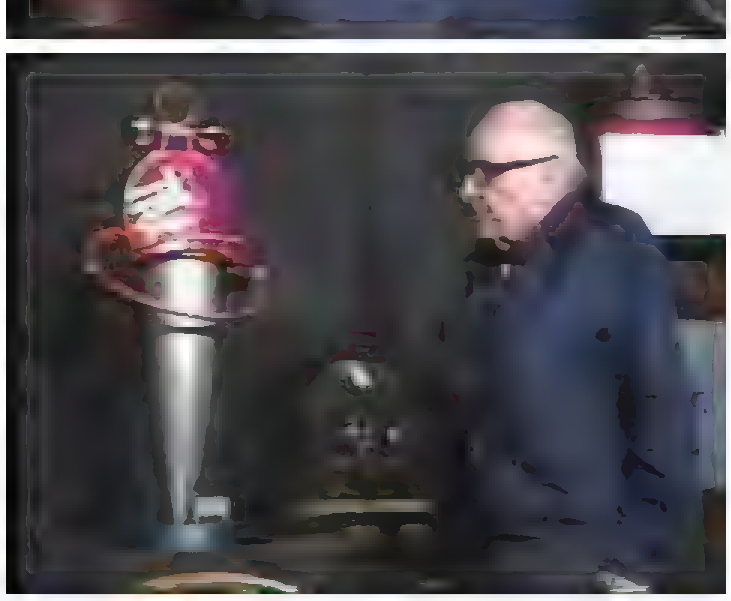



TASMANIAN
GWILP





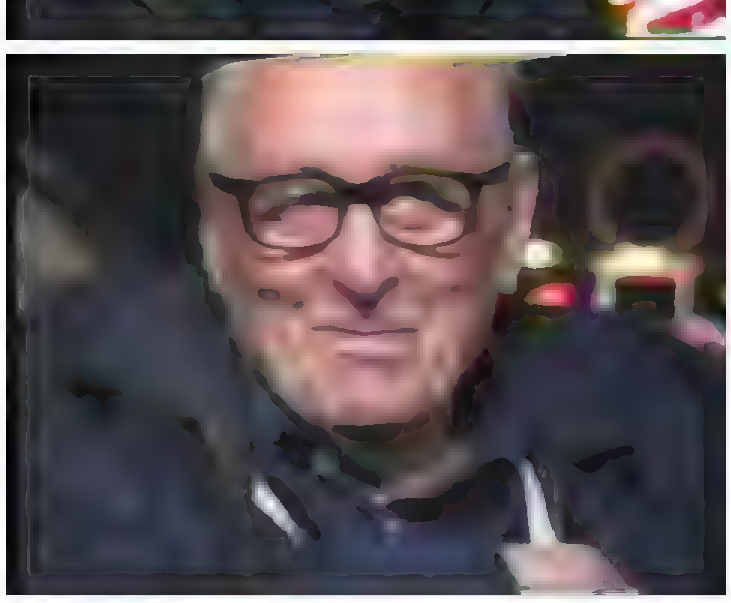




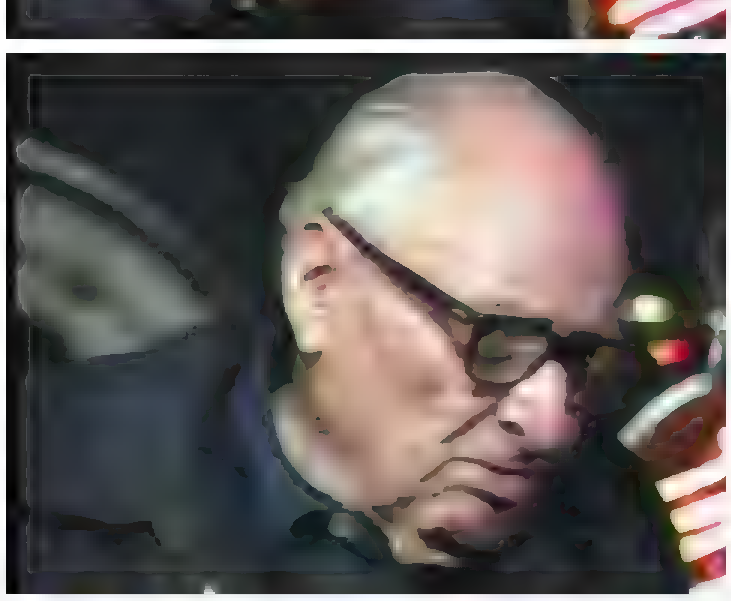




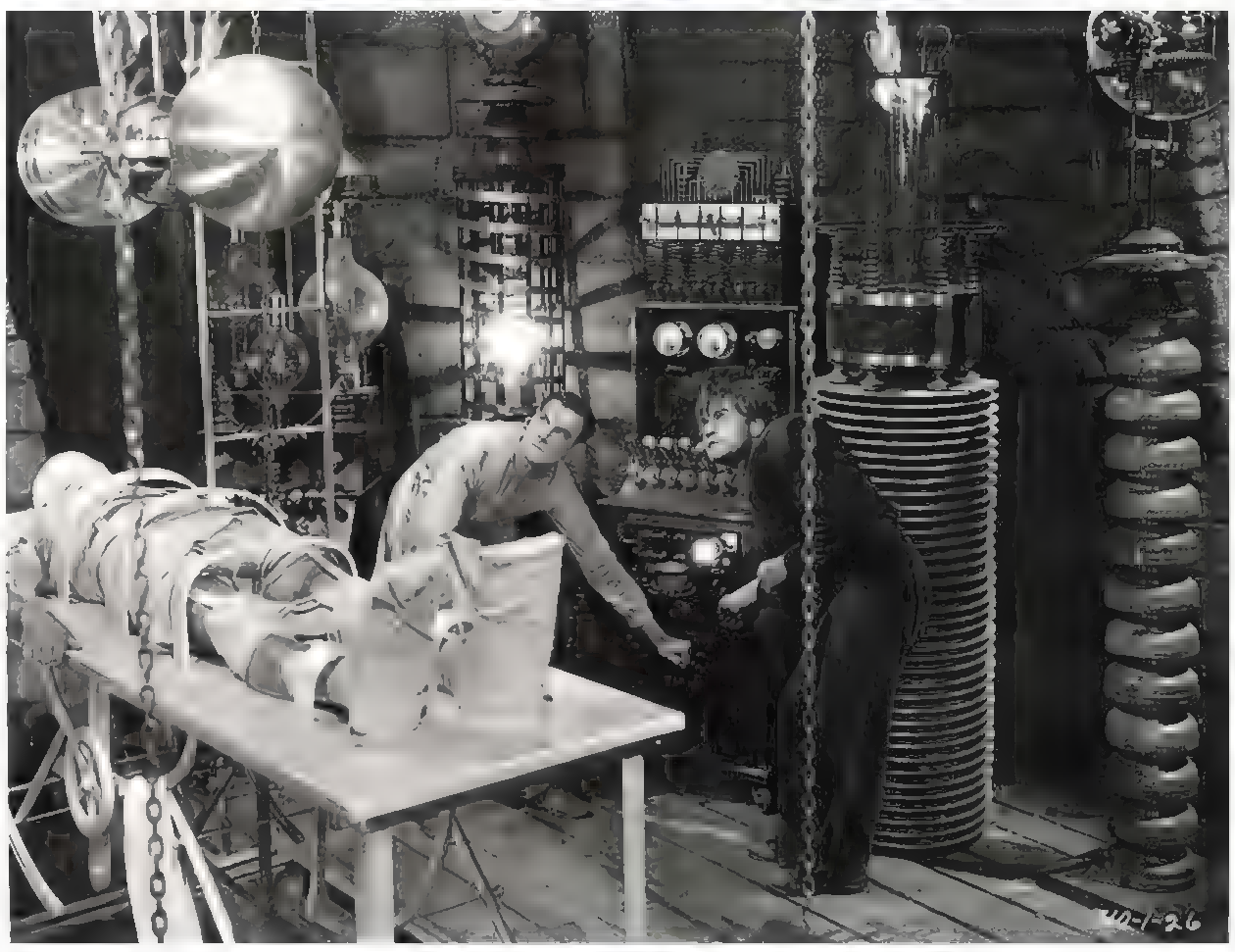








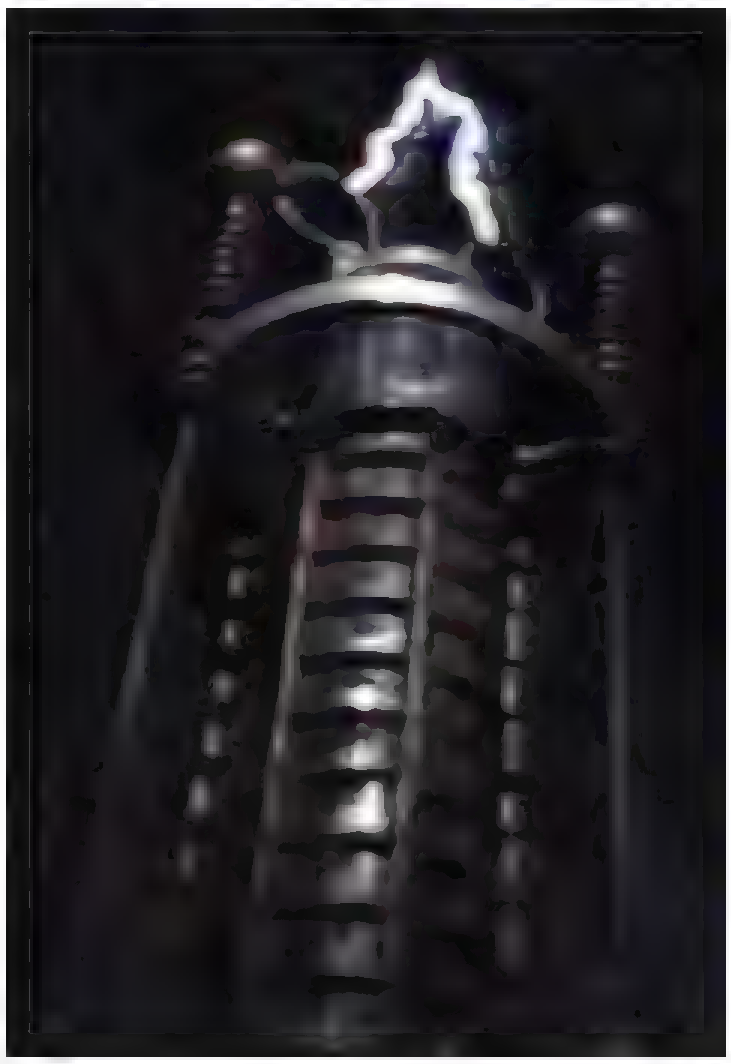




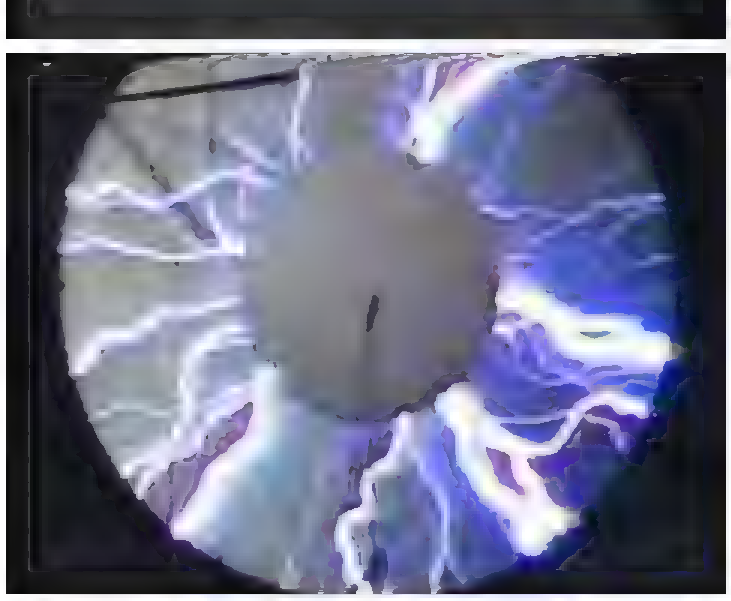


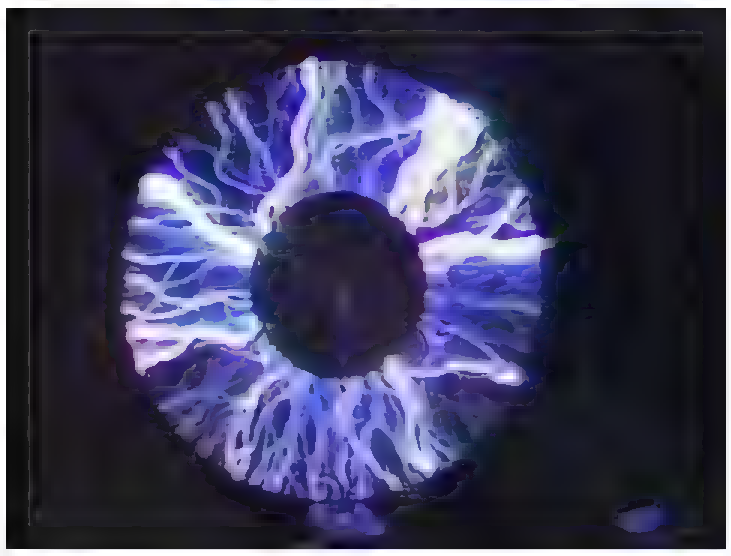






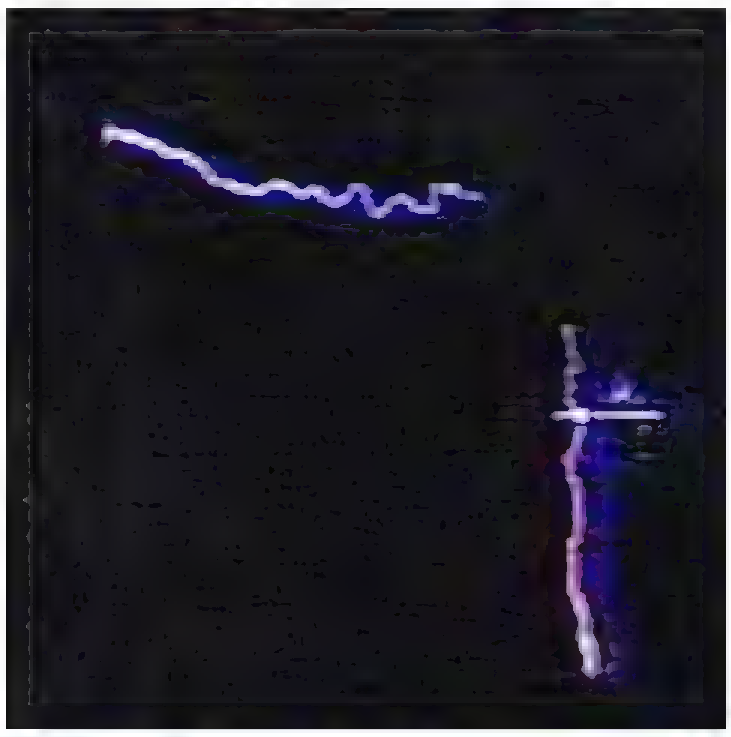




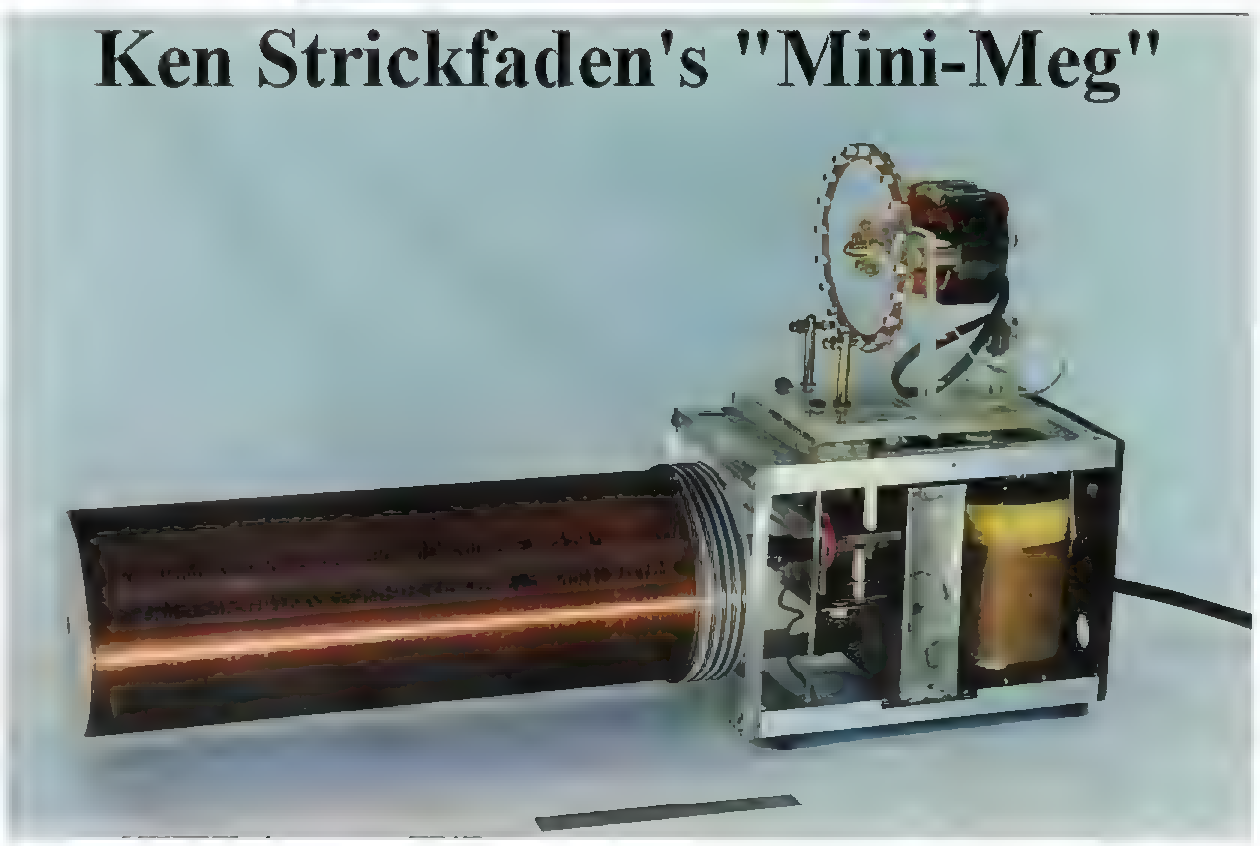








Ken Strickfaden's "Mini-Meg"





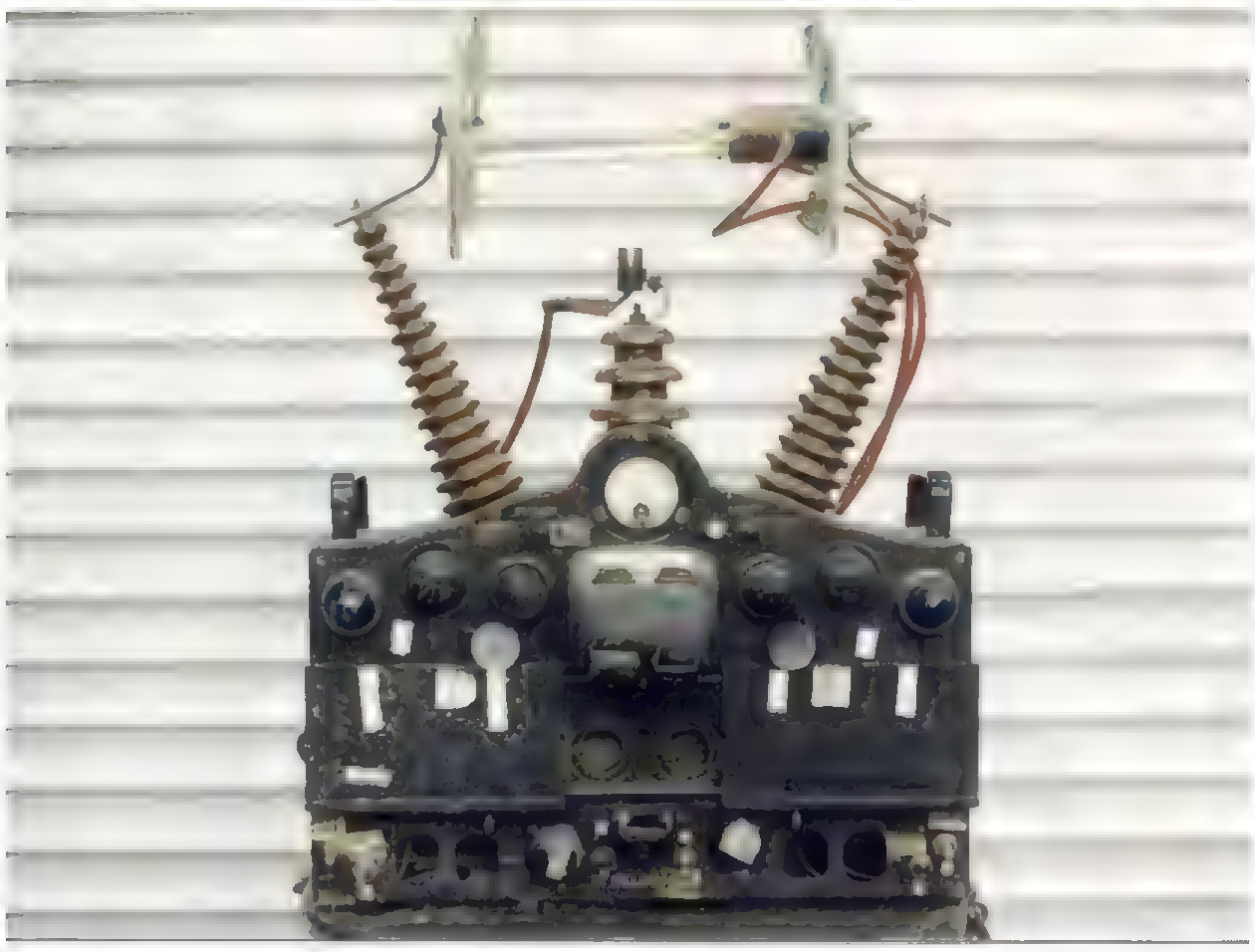


















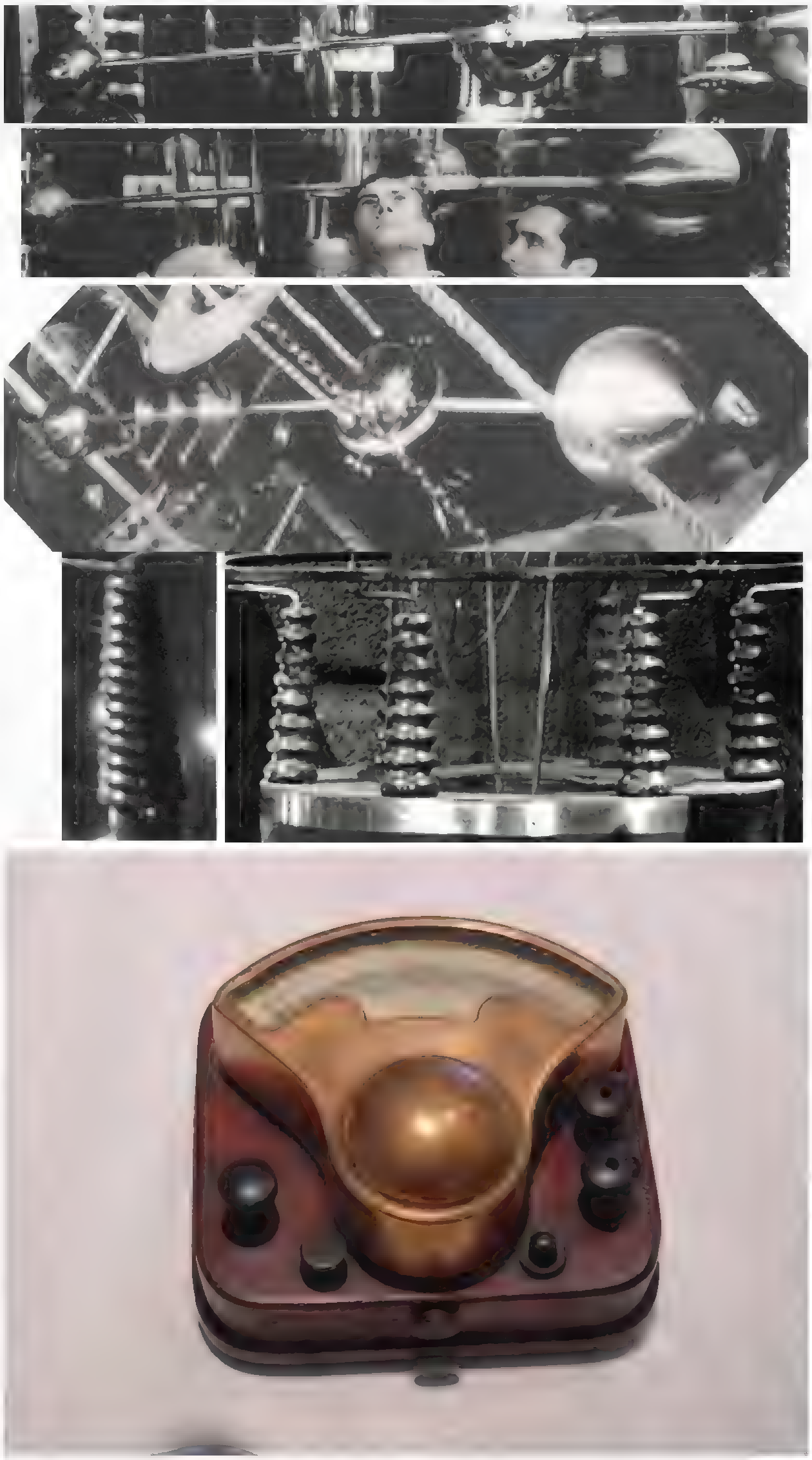










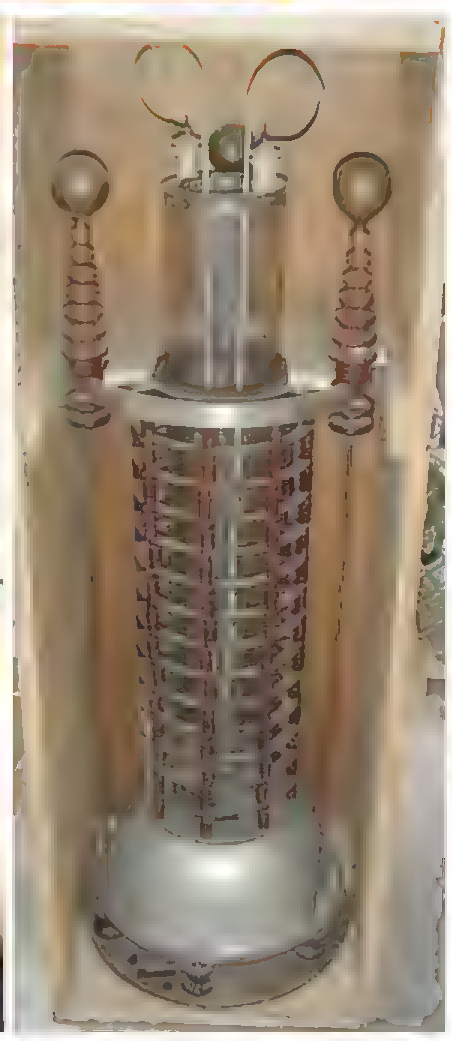



TRANSYLVANIA POWER
MONITO




UP
MEG JR





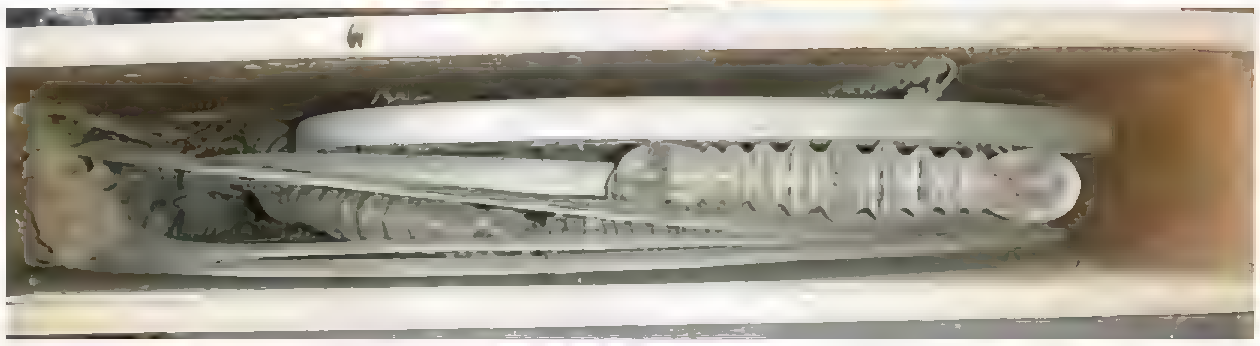












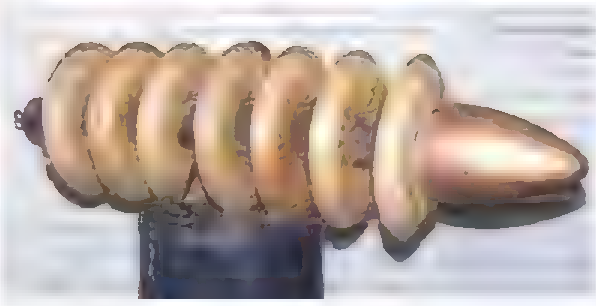








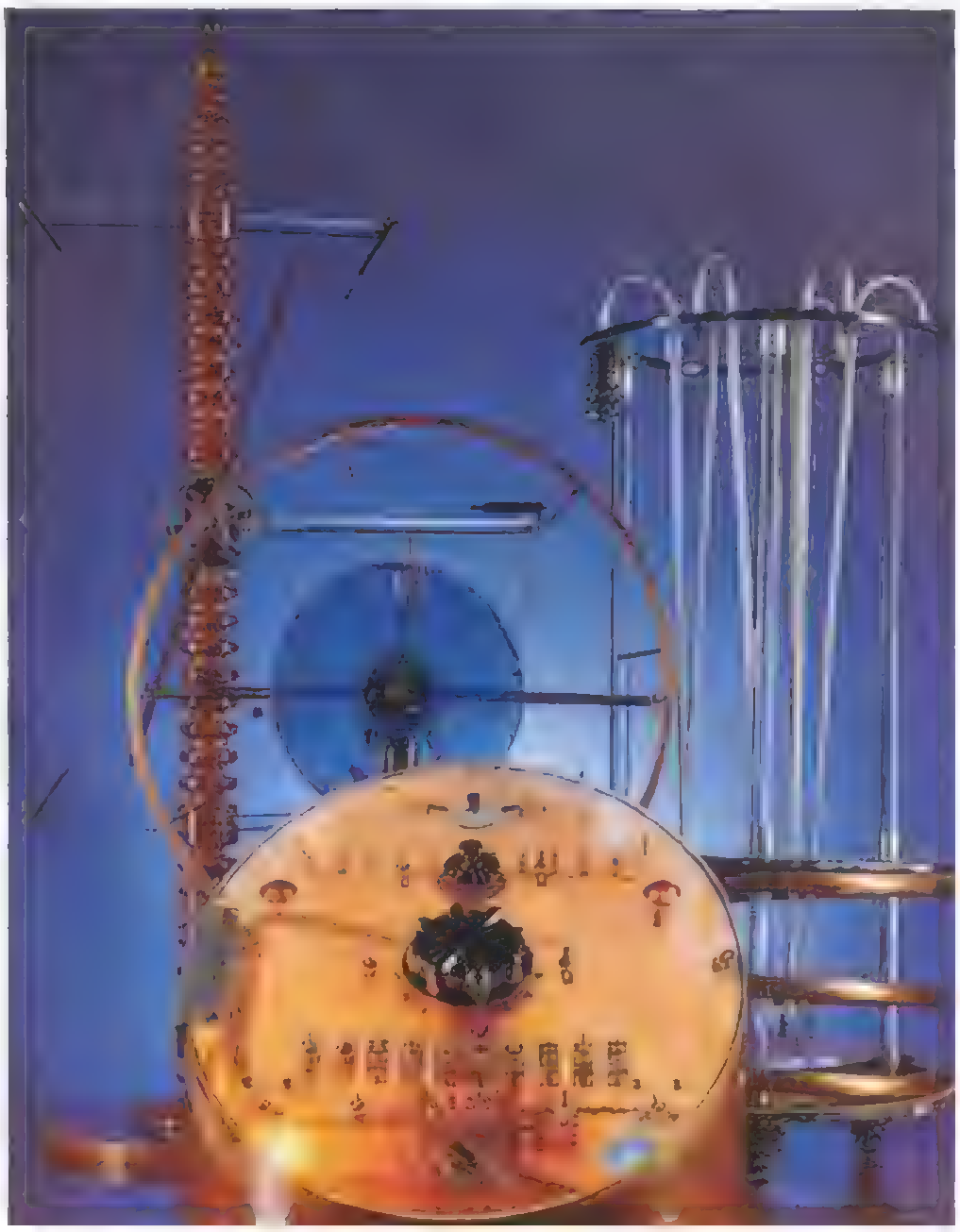




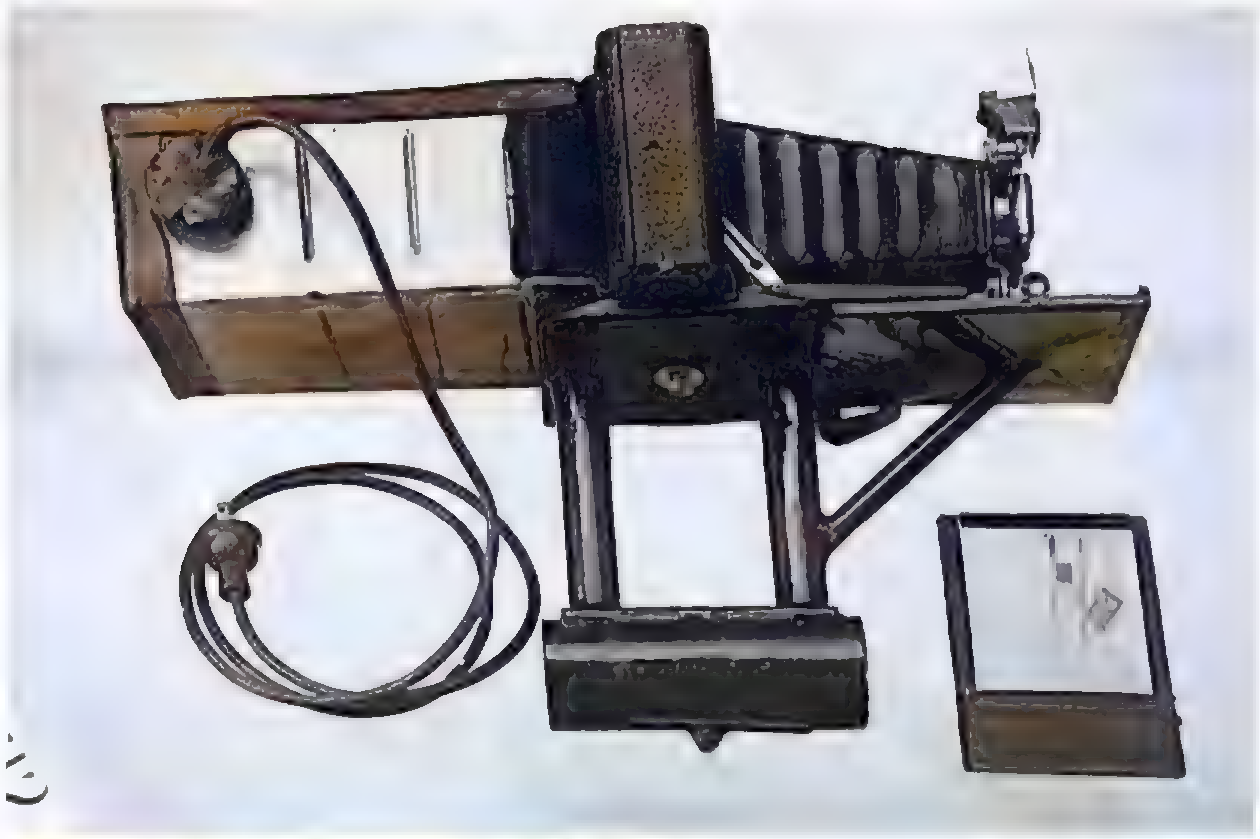








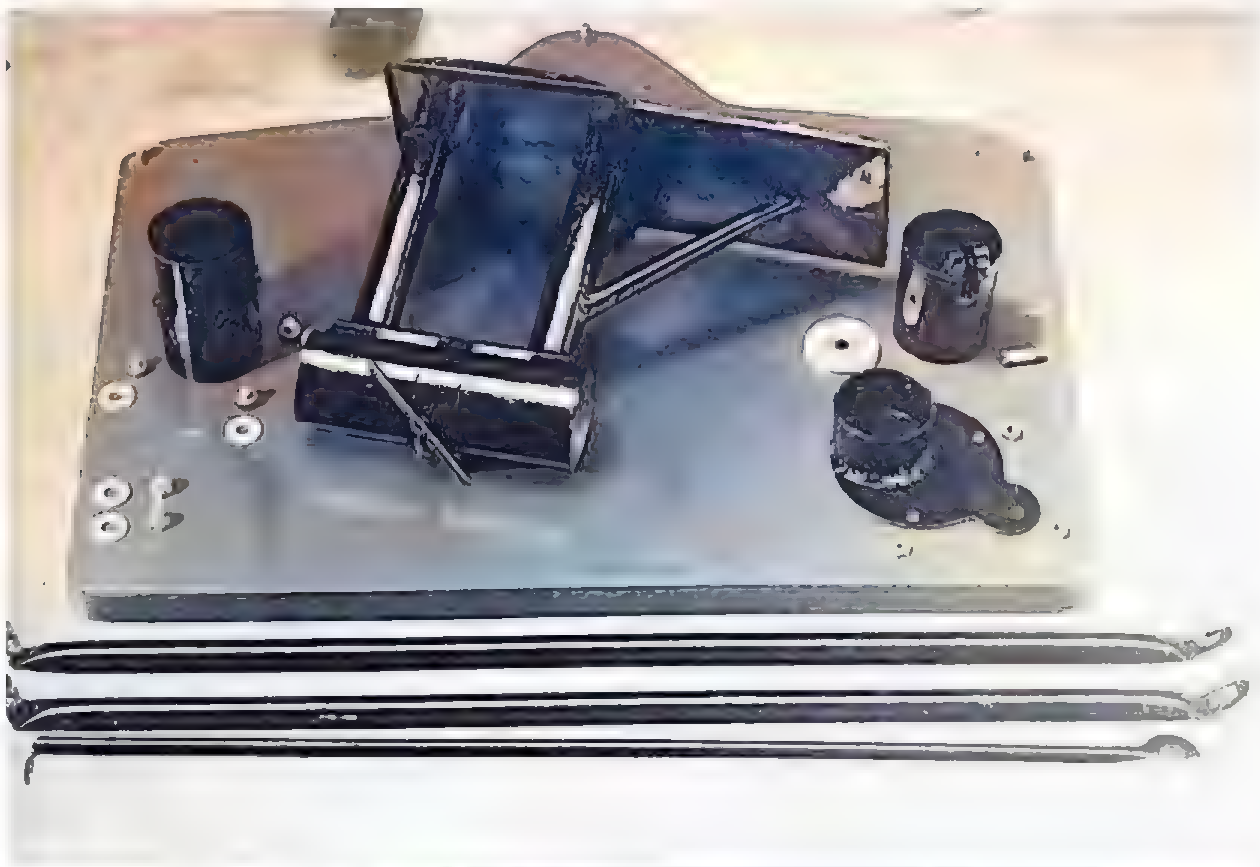
Doug's New Photos









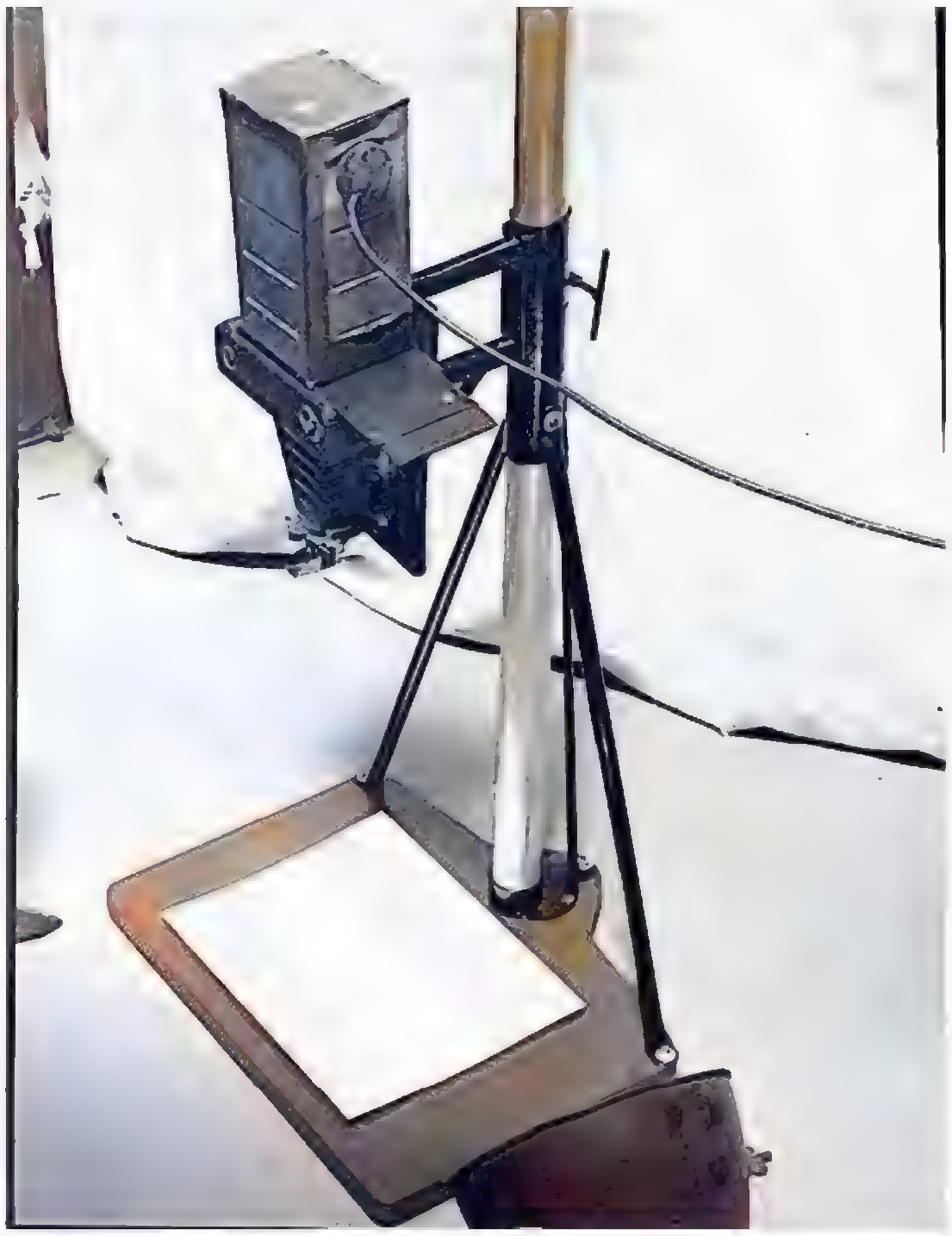














Ken's Camera Rig

should be recommended. You may
call any time during the day.
It is probable you can find me.

Yours very truly

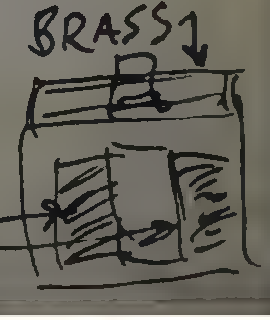
N Tesla

Pri 2 3/8" L x 2 13/16" Dia. Dec tin
20 L @ 45T per = 900 C .022"

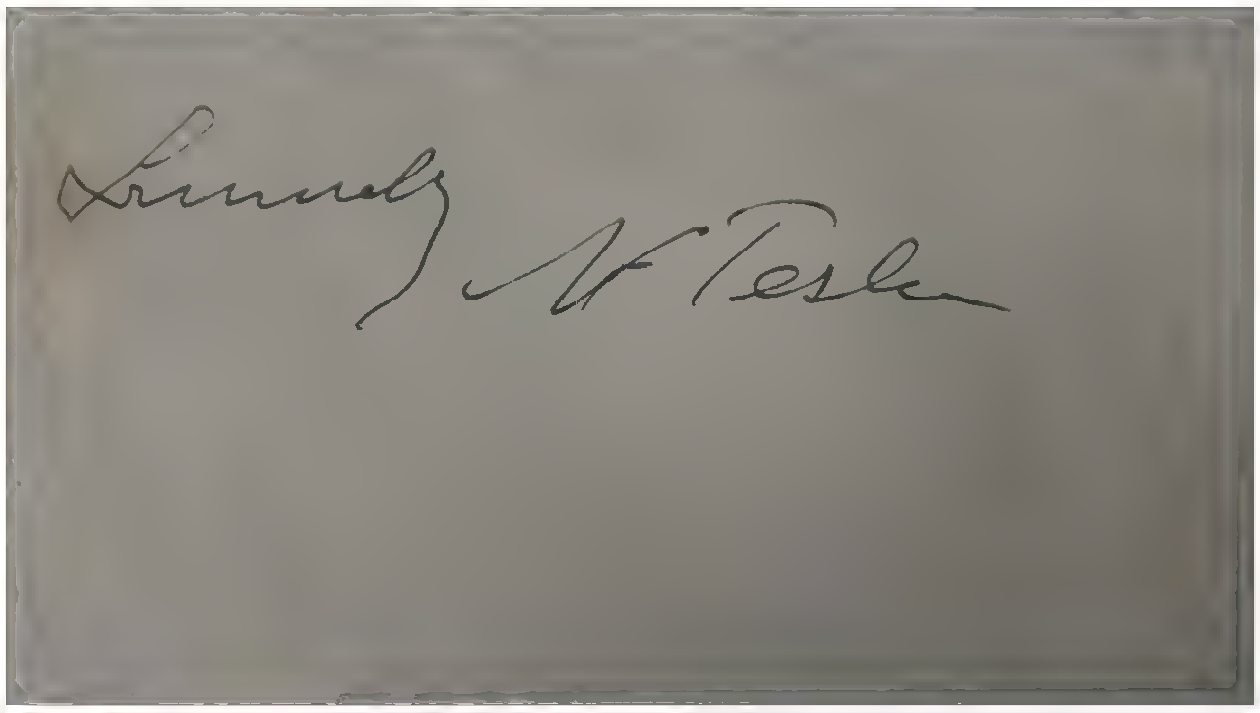
Coil 1" x 3 3/8" O.D. x 2 5/8" I.D.

Cond. plates 2" x 3" x .003"
Sec. Coils 2 13/16" x 1 3/4" x .0005"
Stack 1 3/4" high

N Tesla



N. Tesla



Tesla Handwriting

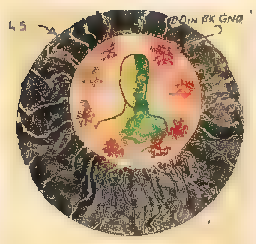

INTERNATIONAL
EXPOSITIONS
PALACE OF ELECTRICITY
ELECTRICAL AGE
CALIFORNIA PACIFIC
GOLDEN GATE
EASTERN STATES
HAWAII
CANADIAN NATIONAL


KENSTRIC
SPACE AGE
SCIENCE SHOW



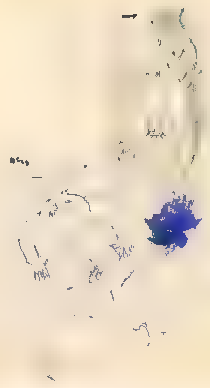

FLORA
FAUNA

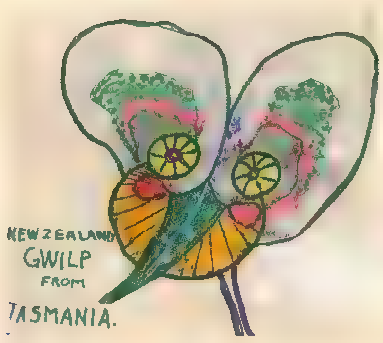

FLORAL

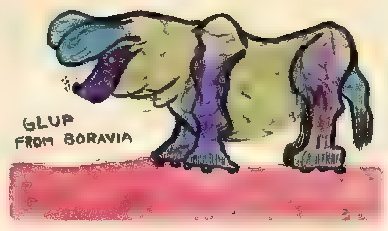


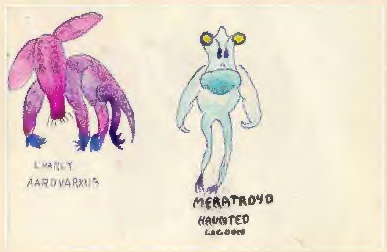

RAVERIZ
FOUND IN JAVA


SUPER BLAT




NEW ZEALAND
GWILP
FROM
TASMANIA.


GLUP
FROM BORAVIA


LYARLY
AARDVARKUS
MERATROYD
HAUNTED


EAST INDIAN
HOOTSE
FROM
WEST
AKLAND




LEMURIAN
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PROFFI Q FROM LORS


AUTISSER
FROM
NORTH KIMTRU

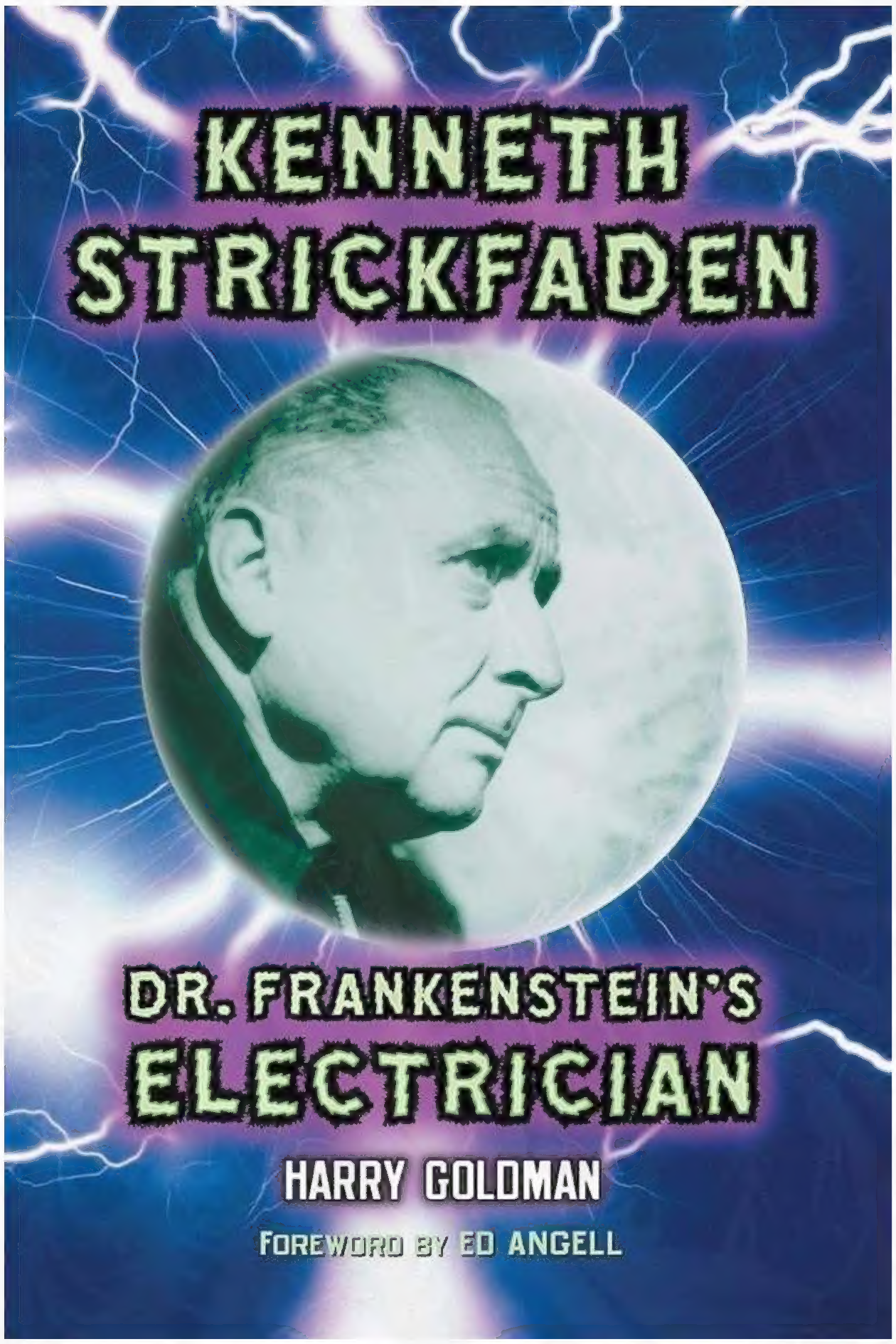

THUBIAN
WHIRX



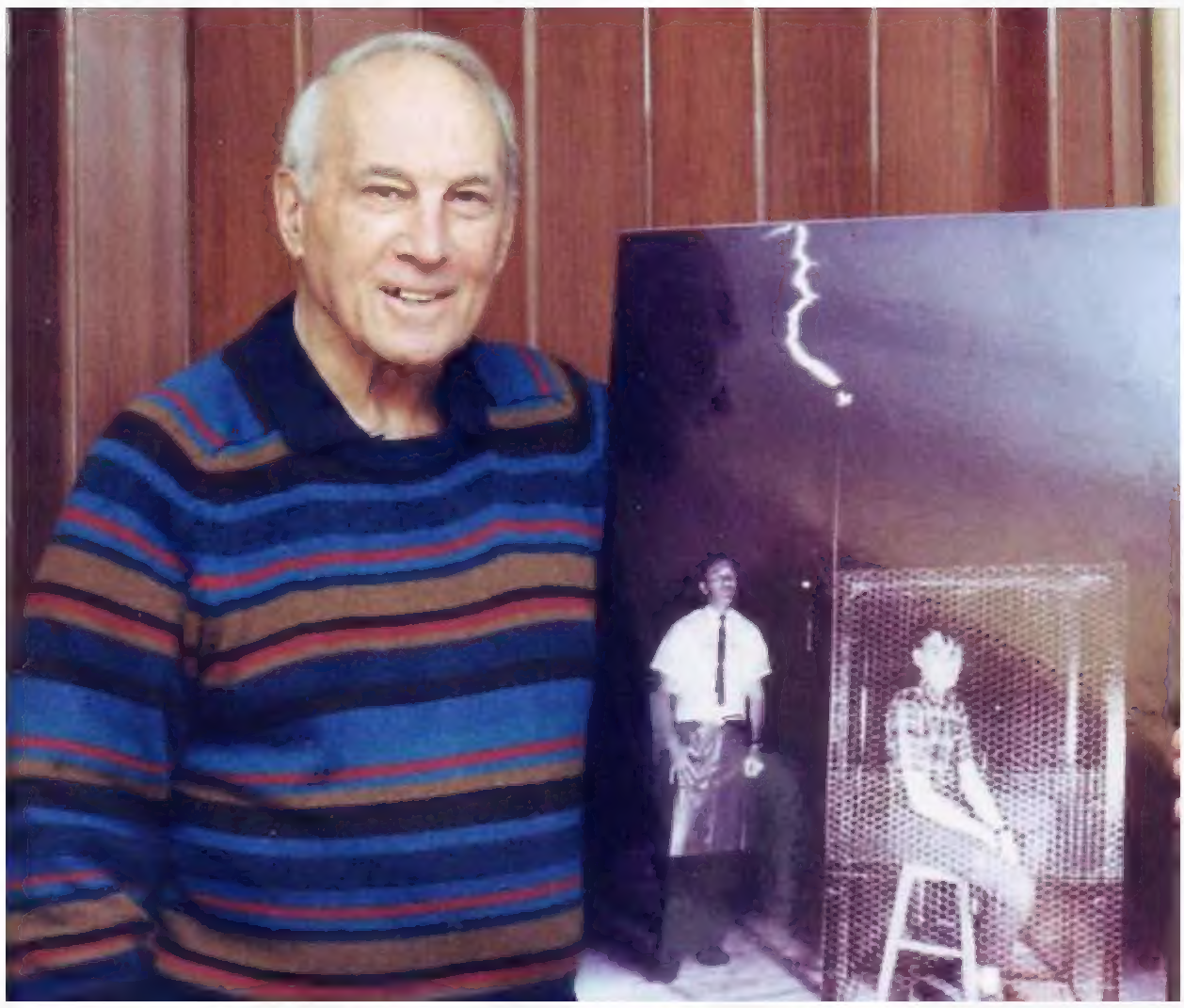

TO STEVENS AVENUE
JOSEPH BOY SCOUTS CAMP
WILL ROGERS







For more information on Kenneth Strickfaden, please read Harry Goldman's book:
Kenneth Strickfaden: Dr. Frankenstein's Electrician



Dedicated to the memory of Harry Goldman of TCBA News.



Endless thanks to Doug Norwine for scanning these thousands of photographs.
He is largely responsible for keeping Ken's memories alive!