Price-List

APPLYING TO

GENERAL CATALOGUE

37TH EDITION

This Price-List relates to shipments from our General Office, Hoboken, N. J. and our Branch Houses at New York, Chicago, and St. Louis.

Aug. 15, 1930.

Prices are Subject to Change Without Notice



KEUFFEL & ESSER CO.
NEW YORK

IMPORTANT NOTICE REGARDING OWNERSHIP OF GOODS IN TRANSIT.

There appears to be a misunderstanding on the part of some buyers in regard to the ownership of goods which are in transit between buyer and seller.

In order to avoid any misunderstanding, we would state, that when goods are sold f. o. b. shipping point the title passes to the consignee, and the consignor's responsibility for delivery or damage ceases, as soon as the latter obtains a receipt from the Transportation Company. Responsibility for their non-delivery rests with the Transportation Companies. The goods, therefore, must be paid for in accordance with agreed terms, even though they have not reached their destination.

Claims against the Transportation Companies must be made **by the consignee.** When requested we will furnish the necessary documents for making these claims. The Express Companies limit to **four months,** and the Freight Companies to **six months,** the period within which claims must be made, and this period **dates from the day of shipment.** The fact that notice has been given to the Transportation Company that the goods have not been delivered, and that a request has been made to trace them, does not serve to extend the period within which claims for damage or loss may be made.

NOTICE.

The prices in the supplemental price list published from time to time are Net Cash in New York, Chicago, St. Louis and are subject to change without notice. For our Branches at San Francisco, Cal., and Montreal, Canada, we issue separate price lists.

In ordering from this Catalogue, it is necessary to give the number, and in some cases the sub-number, size, color, etc., of the article desired.

Remittances can be made either by bank-draft, payable to our order, by Cash sent through any of the Express Companies, or by Post-Office or Express Money-Order. If Cash is sent by mail, the letter should be registered.

Remittances in all cases are at the risk of the sender.

For special goods to be made to order and not listed by us, we invariably require payment when the order is placed.

Where goods are ordered to be sent by express, C. O. D., **express charges for collection will be added to the amount of the bill. By sending full remittance with the order, buyers will save the charges for collecting the amount of the bill, and will avoid delay in delivery.**

For parcel post shipments, postage at the established rates must be added to the price of goods so ordered. Shipments valued over one dollar are insured at the following rates:

5	cents	for a value	up to				$ 5.00	
8	"	"	"	from	$ 5.00	up to	25.00	
10	"	"	"	"	25.00	up to	50.00	
25	"	"	"	"	50.00	up to	100.00,	etc.

Parcel post matter may be sent C. O. D. on payment of a fee of 12 cents for $10.00 or less, 15 cents for a collection of from $10.00 to $50.00, and of 25 cents for a collection of from $50.00 to $100.00, in addition to the postage. The amount collected from the addressee includes the fee for the post-office money order, by means of which remittance is made. The C. O. D. fee also covers insurance.

As we use every precaution in packing goods, no allowance can be made if goods be damaged in direct shipment or in enclosure, through other houses.

Boxes, which may be required for packing, will be charged at cost.

Should any of our goods not prove satisfactory, we solicit prompt information; any complaints shall have our careful attention, as we aim to satisfy our patrons in every respect, in order to maintain the reputation which we are now enjoying.

*The prices of some of the more bulky or heavy goods are slightly higher at our Branches than in New York, on account of the very high transportation charges. Such exceptions are mentioned in this catalogue.

ERRATA

in our General Catalogue, 37th Edition.

Page 39. Under items 300 G and 300 R, for size of Engraving read 40 × 50 cm. instead of 20 × 50 cm.

Page 45. Under items 343 A and 343 B, for size of Engraving read 18 × 25 cm. instead of 10 × 25 cm.

Page 52. Read 358 for N 354 and 359 for N 355.

Page 61. Nos. 358-140L, 359-140L, 358-150L and 359-150L, divided horizontally into 372 days.
Nos. 358-141L, 359-141L, 358-142, 359-142, 358-143L, 359-143L, 358-151L and 359-151L, divided horizontally into 366 days.

Page 147. Cuts of N 966 and N 967 are transposed.

Page 204. Item No. 1430 P, scale 4 in. = 1 mile, smallest division represents 20 ft. instead of 50 ft.

Page 220. Item 1859. Cut shows countersunk holes instead of oblong, beveled slots.

Page 285. Nos. 3252 and 3263 are for making letters 5 millimeters high, instead of 4 millimeters high as shown.

Page 312. In Table read 4095-3 for N 4095-3.

Page 339. Items 5040 R, 5050 R, 5060 R, 5060 SR, are made to order only. 5082 C is regularly carried in stock.

Page 365. Furnished with wooden baseboard without trivet points instead of with metal base plate and trivet points.

Page 408. Under item No. 5179 in note "Fits same instruments, etc.," read 5181 instead of 5180.

Page 413. Under 5187 C "Alidade" read 5187 A instead of 5178 A.

Page 415. Read 5189 A and 5191 A instead of 5189 and 5191.
Under "Telescope" strike out "Prism attachment which can be screwed to eyepiece" and insert "prismatic" after word "eyepiece".
Under "Case" strike out "eyepiece prism".

CHANGES IN ITEMS

Since the Publication of our General Catalogue, 37th Edition.

Page 20. Under items 173 and 173 X add 36 inch width.

Page 24. Under item 187 add Royal, 19 × 24 in.

Page 32. Change 229 TL and TLX to 229 TN and TNX.

Page 42. Catalogue No. 334½ changed to 334½ TN.

Page 56. For items 358-41 and 359-41 under description, after "Southings" insert "Double Areas, etc."

Page 57. Items 358-80 and 359-80 now 358-N80 and 359-N80, with plate 7 × 10 in. instead of 7 × 9 in.

Page 100. Under item 545 (now N 545) read "spring blades" instead of "joints to blades."

Page 111. Size of cases changed to 7 × 11 in.

Page 135. Under item N854 add needle point with shouldered needle end.

Page 177. Items 1079-3 and 4 apply to Special Arrow instruments only.

Page 243. Boards Nos. 2533, 2534 and 2535 are now 1 in. thick.

Page 245. Item N2545 now furnished in 38 in. size also.
All Jacob's Straightedges are now regularly furnished with one set of shouldered pins and one set of screw posts to be used for holding cord on top of table, thereby giving the customer the choice of the style which he prefers; also an adjusting device which, by a simple movement, tightens the cord. Also small rubber bumpers to protect the straightedge.

Page 255. Under item A-3 shelf 16 × 8¼ in. instead of 16½ × 9½ in.

Page 266. Item 2985E is now furnished in 16 oz. bottles.

Page 281. All Nickel Silver Barch-Payzant Pens to be brass, chromium plated, when present stock of Nickel Silver pens is exhausted.

Page 307. Item No. 4096 (now N 4096) now has the CI (inverted C) scale in addition to the other scales.

Page 335. Item 5330 has gold plated needle.

Page 336. Item 5340 has gold plated needle.

Page 379. Item No. 5086 V. Vertical circle now has opposite verniers with control level.

Striding level now same type as on No. 5088, and rests on the axle bearings.

Vertical circle and vernier tangent screw plungers now bear against hardened plates in lugs on standard.

Page 381. Telescope level for No 5088 not reversible.

Page 390. Item Nos. Y5118 and Y5119 now furnished with Tripod No. 5174.

Page 401. Items Nos. 5124 and 5126 now furnished with Tripod No. 5174.

Page 404. Item 5168-42. Price does **not** include mounting in tube.

Page 407. Items N 5169-39 and N 5169-66. Price does **not** include mounting in tube.

Page 411. Drawing Board now furnished in canvas case.

Page 412. Item 5187 A. Platinum stadia and cross-wires furnished when ordered with instrument, without extra charge. Instrument now regularly furnished with two extra level vials—one for striding level and one for vernier control level. Additional ¼ interval stadia hair, in upper half of field, furnished when ordered with instrument without extra charge.

Page 413. Under extras for 5187A read "Adjustable Magnifier" instead of "Adjustable Doublet Magnifier".

Page 415. Items 5189 A and 5191 A not regularly furnished with additional ¼ interval stadia hair unless ordered with instruments; in which case no additional charge will be made. Platinum stadia and cross hairs furnished without additional charge when ordered with instrument. Vertical arc graduated so that 30° is at zero of vernier when telescope is level.

Page 416. Under "Extras" read "Adjustable Magnifier" instead of Adjustable Doublet Magnifier".
Item No. 5197 C now has hardwood end cleats instead of battens.

Page 422. Needle now gold plated.

Page 424. Needle now gold plated.

Page 430. Item No. 5600 has hook for plumb-bob cord.

Page 433. Rod 8 feet instead of 6 feet.

Page 434. Rod 8 feet instead of 6 feet.

Page 435. Item N 5702 has stadia cross lines.

Items 5700 to 5703 inclusive are now furnished in leather pouches with belt loops.

Page 441. Item 5765 now N 5765. Not furnished in pocket case.

Page 444. Items Nos. 5909 and 5910 now 3¼ in dia.
Items Nos. 5915 and 5916 now 4¾ in. dia.

Page 453. Sinker 5½ lb. instead of 12½ lb. Weight of case with contents 21 lb. instead of 29¼ lb.

Page 481. Item N 7022 (now 7022). Dia. ⅝ in. instead of ¾ in.; magnification 8 × instead of 10 ×.

Page 503. Okeh tapes now have an improved case.

Page 509. The line for Piccolo tapes is now 7/16 in. wide.

Page 513. Items N7600 and N7601 have an improved thermometer reading to 5°, and correct to 1°, reading being made easy by means of a magnifying prism face. The tape lines are plated to resist rust.

Page 519. Items 7650G-1 and 7650G-5 have been replaced by N7650G, which is suitable for all steel tapes from 100 to 500 ft. long, up to 5/16 in. wide.

Page 521. Band Chains, if so ordered, are now provided with a half gauge (2 ft. 4¼ in.) mark without extra charge.

Page 522. Dreadnaught Band Chains are now furnished with the extra foot before zero etched to 10ths and 100ths of a foot at the same price as charged for the extra foot before zero subdivided to 10ths on Babbit metal.

NEW ITEMS

Added since the Publication of our General Catalogue, 37th Edition.

DRAWING PAPERS AND CLOTHS

Paragon REG. U. S. PAT. OFF. smooth surface, extra heavy, not as hard sized as other Paragon papers, being especially made for water color work. The erasing quality, while still satisfactory, is not as perfect as that of the other Paragon papers.

7½. In sheets, 22 × 30 in. ..... per ream $ ..... per quire $

	Width in inches	
76½. Rolls of 10 yards ..... per roll	42	58
76½ P. " " 40 to 50 lbs. .... per pound		

180. K & E BOND PAPER (Page 23, 37th Edition Cat.). Add 42 in. width ..... per roll.

180X. K & E BOND PAPER (Page 23, 37th Edition Cat.). Add 42 in. width ..... per roll.

162. WHITE TRACING CLOTH, in rolls of 24 yds., 36 in. wide..... per roll.

PENCIL CLOTHS AND FIXATIVES

163. IMPERIAL PENCIL CLOTH, Very good pencil surface, from which pencil lines erase without leaving traces. Takes ink well if pounced. Good transparency. Finish permanent.

IMPERIAL PENCIL CLOTH, in rolls of 24 yards, both sides dull.

	30	36	42 in. wide
per roll $			

164. VENUS PENCIL CLOTH, One side dull, good pencil surface, from which pencil lines erase without leaving traces. Artgum erases without smudging. Takes ink well if pounced. High transparency. When blue printed gives a very good blue with white lines even from hard lead pencil. Finish permanent. The dull side of this cloth is **water-resisting,** a great protection to the cloth when on the board or in the blue print room. Lies flat.

VENUS PENCIL CLOTH, in rolls of 24 yards, one side dull.

	30	36	42 in. wide.
per roll $			

NEW ITEMS

K & E FIXATIVE for spraying upon pencil cloth to fix pencil lines so that they will not smear.

N165 E. ..... per pint bottle
N165 G. ..... per gallon

K & E FIXATIVE, for brush application, for daubing on with soft cotton pad, and for spraying. Heavy pencil lines do not blur, the loss of transparency is very small, and the sheets remain flat.

N165½E. ..... per pint bottle
N165½G. ..... per gallon

167. **ARKWRIGHT PENCIL CLOTH,** One side dull. Pencil lines erase without leaving traces. Takes ink well. Very high transparency. When blue printed gives dark blue, but only soft lead pencil lines will give clear white lines on the print. Finish permanent.

ARKWRIGHT PENCIL CLOTH, in rolls of 24 yards, one side dull.

	30	36/37	42/44 in. wide
per roll $			

168. *Albanene* REG. U. S. PAT. OFF. Pencil Cloth, One side dull. Very good pencil surface, upon which heavy pencil lines leave traces after erasing. Takes ink well. Makes fairly good blueprint from heavy pencil and ink lines. Finish permanent.

ALBANENE PENCIL CLOTH, in rolls of 24 yards, one side dull.

	30	38 in wide.
per roll $		

N169. **CRYSTALLINE PENCIL CLOTH,** One side dull. Fairly good pencil surface, from which pencil lines erase without leaving traces. Takes ink well. High transparency. When blue printed gives dark blue. Finish permanent.

CRYSTALLINE PENCIL CLOTH, in rolls of 24 yards, one side dull.

	36	42 in. wide
per roll $		

Sonio, similar to No. 197, but white. **Will not discolor with age.**
REG. U. S. PAT. OFF.

197 A. SHEETS ..... per hundred

Royal	19 × 24 in.	
Imperial	22 × 30 "	
Double Royal	24 × 36 "	
Double Eleph	30 × 42 "	

			Width in inches 30	36	42
197 A.	Rolls of 20 yards	per roll			
197 AX.	" " 50 "	" "			

MINERAL OIL PREPARED TRACING PAPER Rolls. Width in inches 30, 36, 42.

198. Rolls of 20 yds. ..... per roll.
198X. " " 50 " ..... " "
199. " " 20 " ..... " "
199X. " " 50 " ..... " "

No. 198 is a white prepared tracing paper, of 100% rag stock, which will not color or become brittle with age. Since all mineral oils are non-drying this paper is not guaranteed against catching dust, smudging, leaking on other papers, or turning opaque with age. In this respect it is the same as all other mineral oil papers. No. 199 is not 100% rag stock, and is not as tough as No. 198 but is more transparent.

The above prices do not include tubes.

NEW ITEMS

Neupos TRADE MARK **DIRECT BLACK LINE PROCESS PAPER.**

Neupos is a positive paper giving an exact fac-simile of the original drawing in clear black lines on a white backgpound. It is developed by the application of a developer furnished in powder form and dissolved in water. Prints can be developed through the application of the developer by hand, but for large production we can furnish a developing attachment which is readily fastened to a Pease Machine. Prints are then developed and dried in a similar manner to machine printed blueprints.

The paper is of 50% rag stock of good quality, and has good keeping qualities if stored in a cold place.

	Neupos PAPER ROLLS width in inches	36	42
226.	Rolls of 10 yards ..... per roll		
226 X.	" " 50 " ..... " "		

226 D. Developer in powder form (1 quart develops 100 yards 36 in. wide.) ..... per box.

Nadura TRANSPARENTIZED BROWN PRINT NEGATIVE PAPER

		Width in inches. 30	36	42
P229TN.	Rolls of 10 yds.			
P229TNX.	" " 50 "			

This transparentized negative paper retains fully the high strength of our 229TN paper, and shows great transparency in the white lines of the finished negative. It is made of the toughest rag stock that can be obtained.

STANDARD CROSS SECTION PAPER

284 G. Like 283 G, but paper 12 in. wide and engraving 10 in. wide.

CONSTRUCTOR'S SKETCH PAPER

334½ N. Same engraving as No. 334½TN (old 334½) but on drawing paper. In rolls of 50 yards, 22 in. wide, engraving 20 in. wide, neutral green ..... per roll $

LOOSE LEAF CO-ORDINATE PAPER

10 × 10 to ½ in., 5th lines heavy.

		Size of Sheet	Size of Plate	Color of Lines	hund. $	m lle $
358-12.	Drawing Paper	8½ × 11 in.	7½ × 10 in.	green		
359-12.	Tracing Paper.	"	"	orange		
359-12G.	" "	"	"	green		

FLUXOLITE PAPER

For Illuminating Engineers. This paper reduces many problems of illumination (such as flux determinations, etc.) to extremely simple graphic determinations.

359-31½. Tracing Paper, 8½ × 11 in., 7½ × 10 in., orange.

Township Paper

Showing complete township, with sections properly numbered, quarter sections, etc., scale 1 in. = 1 mi.

358-44.	Drawing Paper	8½ × 11 in.	6 × 6 in.	black
359-44.	Tracing Paper	"	"	"

LOOSE LEAF FIELD BOOKS

N361½L. Field Book Rulings, like No. 361, to fit binders Nos. 390 and 392. Set of 50 leaves.

N363½L. Mining Transit Book Rulings, like No. 363, to fit binders Nos. 390 and 392. Set of 50 leaves.

NEW ITEMS

PARAGON DRAWING INSTRUMENTS

480 X. Same as No. 480, but stainless steel instead of regular steel, each $
481 X. " " " 481, " " " " " " " " "
482 X. " " " 482, " " " " " " " " "

483 C. Morocco covered velvet-lined case for 3 spring-bows Nos. 480, 481 and 482 (without instruments.)

483½C. Morocco covered velvet-lined case for 3 spring-bows Nos. 480½, 481½ and 482½ (without instruments.)

488 C. Morocco covered velvet-lined case for 3 spring-bows Nos. 485, 486 and 487 (without instruments.)

522 X. Same as No. 522, but stainless steel instead of regular steel each $
523 X. " " " 523, " " " " " " " " "
524 X. " " " 523½, " " " " " " " " "

525. Drawing Pen, 6 in., with ebony handle tapering down from ⅜ in. in diameter.

612 K. Compasses similar to No. 612 but with Knife Spring pen.

624 X. Same as 624, but steel parts of all instruments made of rustless steel.

625½. Same as 624½, but with hairspring compasses 610H in place of 610, and with addition of compasses 603H and drop spring bow pen and pencil 454.

625½C. Same as 624½C, but with hairspring compasses 610H in place of 610, and with addition of compasses 603H and drop spring bow pen and pencil 454.

PHAROS DRAWING INSTRUMENTS

688½. Same as 686 except with hairspring compasses No. 651 in place of 650, and with addition of compasses 643, drop spring bow pen and pencil 664, and detail drawing pen 677.

KEY DRAWING INSTRUMENTS

879-15. Needle and Pencil Part for Large Compasses.
16. Pen Part for Large Compasses.
17. Lengthening Bar for Large Compasses.
18. Needle and Pencil Part for Small Compasses.
19. Pen Part for Small Compasses.
20. Handle for Small Drawing Pen.
21. Handle for Large Drawing Pen.
22. Detachable Handle with Pricker Point for N875.

N898½. Same as N896, except with hairspring compasses No. 851 in place of N850, and with addition of compasses N843, drop bow pen and pencil N864, and detail drawing pen N877.

N898½C. Same as N896C, except with hairspring compasses No. N851 in place of N850, and with addition of compasses N843, drop bow pen and pencil N864, and detail drawing pen N877.

ANVIL DRAWING INSTRUMENTS

979-15. Needle and Pencil Part for Large Compasses.
16. Pen Part for Large Compasses.
17. Lengthening Bar for Large Compasses.
18. Needle and Pencil Part for Small Compasses.
19. Pen Part for Small Compasses.
20. Handle for Small Drawing Pen.
21. Handle for Large Drawing Pen.

NEW ITEMS

N995. Pocket Case, containing:
1 Compasses, 6½ in., with fixed Needle Point, Pen, Pencil Point and Lengthening Bar, No. N 950,
1 Plain Dividers, 6 in., No. N 946,
1 Steelspring Bow Pen, 3½ in., No. N 961,
1 Steelspring Bow Pencil, 3½ in., No. N 962,
1 Drawing Pen, 4½ in.. upper blade with spring, No. N 972,
1 Drawing Pen, 5½ in., upper blade with spring, No. N 974.
1 Nickel Silver Box with Leads and Needle Points.. each $

N995C. Pocket Case, containing same assortment as No. N 995, but with Spring Bows Nos. N 966, N 967 (central thumb screw) in place of Nos. N 961, N 962..... "

1079-3½. Large Ruling Pen Thumb Screw (Arrow only)
4½. Small " " " " " "

PROTRACTORS

1265½. Semicircular Protractor, steel, white enameled, 3¾ in. divided to 1°.

PARAGON SCALES

1456PR. FLAT PARAGON SCALE, 12 in. opposite bevels, one edge divided full size in inches, the other edge half size in inches.

JACOB'S PARALLEL STRAIGHTEDGE

(See also page 3a)

N2545T. Similar to N 2545, but with ledge for pencils and small tools. Length, cord to cord..... each $
38 in.
44 in.
52 in.
58 in.

2545K. Adjusting Device for Jacob's Parallel Straightedge, which, by a simple movement, tightens the cord.

2547 H. FIXTURES for K & E Parallel Attachment (**except straightedge**) for Fulton and Hudson Drawing Tables, Nos. 2592B, C, D and Nos. D2593R to D2596½T with D2598B inclusive.

LETTERING FOUNTAIN PENS



Fountain Tube with Lettering Point.

3298H. Fountain Tube, in paper box, with instructions.

3298-2. Lettering Point, which gives same thickness of line as Normograph Pen No. 3294-2, in individual metal boxes. This point is suitable for use with Normograph Templets Nos. 3253 and 3253L.

3298-4. Lettering Point, which gives same thickness of line as Normograph Pen No. 3294-4, in individual metal boxes. This point is suitable for use with Normograph Templets Nos. 3252, 3252L, 3263, 3263L, 3265½, 3265½L, 3257 and 3257L.

3298-5. Lettering Point, which gives same thickness of line as Normograph Pen No. 3294-5, in individual metal boxes. This point is suitable for use with Normograph Templets Nos. 3254 and 3254L.

3299. Set, consisting of one fountain tube, 3298H, and one each lettering pens 3298-2, 4 and 5, in black leatherette velvet-lined case, with instructions.

NEW ITEMS

COLORED PENCILS

3399. **Dixon's "Thinex" Colored Pencils.** These Pencils have thin leads.

		each	doz.	gross
370.	Red			
370 W.	White			
373.	Yellow			
376.	Blue			

PENCIL POINTER

N3508. Pencil Pointer similar to 3508, but of black abrasive paper.

SLIDE RULES

4058W. **BEGINNER'S SLIDE RULE,** similar to N4058C, but with heavy white finish.

4093-3 **LOG LOG VECTOR DUPLEX SLIDE RULE, K & E** Adjustable, 10 in., engine divided, divisions on white facings, "Frameless" Glass Indicator; in Case, with Directions.

4093-3 S. Same as No. 4093-3, but in sewed Leather Case.

This slide rule is of particular value to electrical engineers and students of electrical engineering.

Vector computations involve frequent changes from polar to rectangular co-ordinates and vice-versa. The Log Log Vector slide rule simplifies and abbreviates the otherwise tedious and time consuming calculations required when other methods are employed.

The Log Log Vector Slide Rule in addition to the usual scales found on the **K & E** Log Log Slide Rule, has scales of circular and hyperbolic functions, so arranged that the right triangle, upon which Vector computations are based, can be solved at one setting of the slide.

The Log Log Vector Slide Rule has the following scales.

Front Face: L, LLO, DF, CF, B, CI, C, D, LL3, LL2.

Reverse Face: Hyperbolic Sines and Tangents; Sines and Tangents, Inverted, Decimally Divided, Double Numbered; Regular D Scale; Sines and Tangents, Decimally Divided.

4094. **MERCHANTS' (MANNHEIM) SLIDE RULE, K & E** Adjustable 10 in. engine divided, divisions on white facings, K & E "Frameless Indicator"; in Case; with Directions. Has DF, CF, CI, C and D scales.

PLANIMETERS

N4238. Similar to 4238, but with one testing rule only.

4240½. Similar to 4240, but with testing rule and one table of settings for the English system only.

4242½. Similar to 4242, but with one testing rule and table of settings for the English system only.

HAND LEVELS

5704. **K & E Hand Level,** with right angle sighting arrangement, similar to 5712, but without arc, in leather pouch with belt loop.

ABNEY LEVELS

5712 P Similar to No. 5712, but arc graduated like No. 5710 P; in plain leather case with belt loop..... each $

5712 PS. **Abney Level** No. 5712 P, but in sewed leather sling case.. "

NEW ITEMS

LEVELS

5005F. **K & E ENGINEER'S Y LEVEL,** as described under No. 5005, but with **Internal Focusing Telescope**..... each $

5012F. **K & E ENGINEER'S Y LEVEL,** as described under No. 5012½, but with **Internal Focusing Telescope**..... "

5025F. **K & E PRECISION Y LEVEL,** as described underNo. 5025 but with **Internal Focusing Telescope**..... "

TRANSITS

5040 FR, 5050 FR, 5060 FR and 5060 FRS, as described under 5040F, 5050F, 5060F and 5060FS respectively, but **with inverting eyepiece.**

5070 F, 5070 FS, 5071 F and 5071FS, as described under 5070, 5070S, 5071 and 5071S respectively, but **with Internal Focusing Telescope.**

5074 F, 5076 F, 5076 FS, 5077 F, 5077 FS and 5076½F, as described under 5074, 5076, 5076S, 5077, 5077S and 5076½ respectively, but **with Internal Focusing Telescope.**

N5082 F. **K & E ENGINEER'S TRANSIT,** like No. 5082, but without right angle sighting arrangement, and focusing at about 6 feet..... each $

N5084 F. **K & E ENGINEER'S TRANSIT,** like No. N5082 F, but with addition of vertical arc, 5 in. diameter, as on No. 5084..... "

N5085 F. **K & E ENGINEER'S TRANSIT,** like No. N5082F, but with addition of vertical circle, 5 in. diameter, as on No. 5085..... "

N5082CF. **K & E ENGINEER'S TRANSIT,** as described under No. 5082 C, but with **Internal Focusing Telescope** and 3¾ in. compass needle..... "

N5084CF. **K & E ENGINEER'S TRANSIT,** as described under No. 5084 C, but with **Internal Focusing Telescope** and 3¾ in. compass needle..... "

N5085CF. **K & E ENGINEER'S TRANSIT,** as described under No. 5085 C, but with **Internal Focusing Telescope** and 3¾ in. compass needle..... "

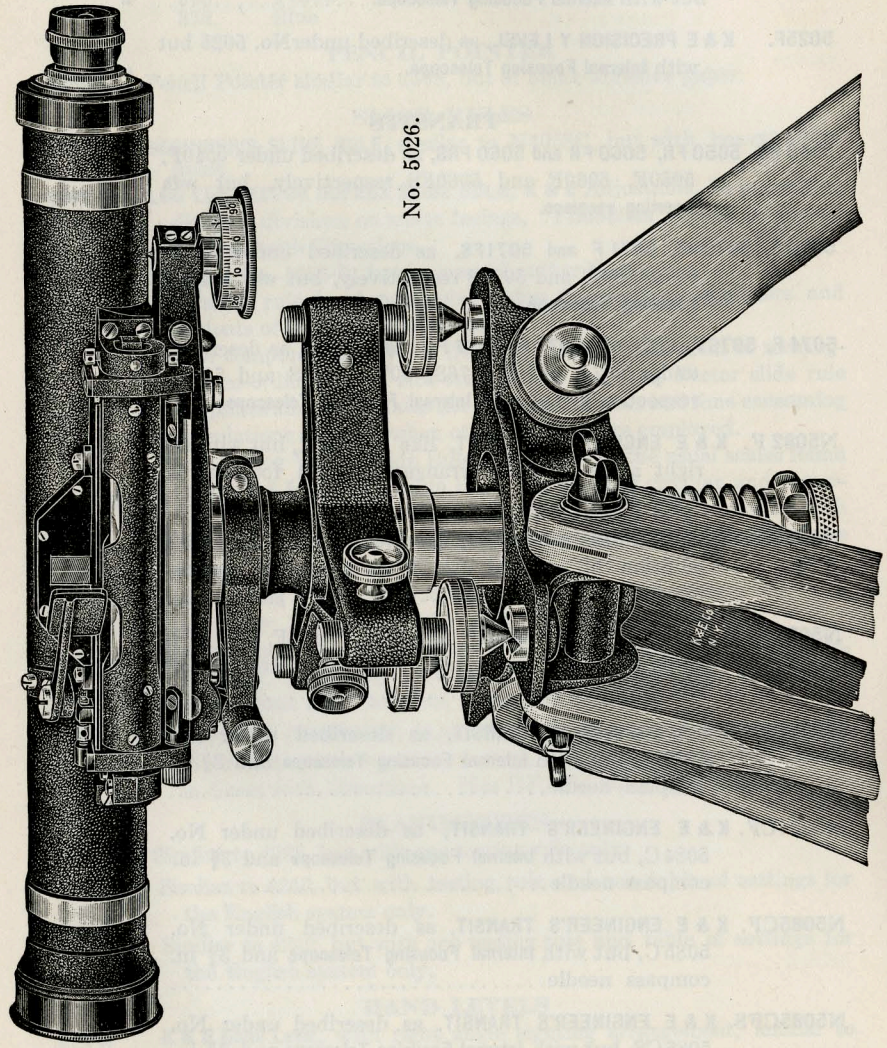
N5085CFS. **K & E ENGINEER'S TRANSIT,** as described under No. 5085 CS, but with **Internal Focusing Telescope** and 3¾ in. compass needle..... "

5097-43. **VERTICAL CIRCLE,** with opposite Verniers and Guard, Control Level and Tangent Screw, in place of regular vertical circle,..... extra

K & E PRECISE LEVEL.

REG. U. S. PAT. OFF.

As made for U. S. Geological Survey.



K & E
REG. U. S. PAT. OFF.

PRECISE LEVEL

AS MADE FOR U. S. GEOLOGICAL SURVEY.

5026. K & E PRECISE LEVEL.

Telescope 14 in., achromatic astronomical (inverting), INTERNAL FOCUSING with rack and pinion movement. Telescope tube made from one piece of rolled stainless steel. OBJECT GLASS $1\frac{5}{8}$ in. diameter (effective aperture 1.60 in.). Eyepiece with improved spiral focusing arrangement. MAGNIFYING POWER 40 diameters. The telescope is tiltably attached to the level bar, and has a tilting leverage of 6 inches. The line of collimation is put into the level position by means of a micrometer screw. A lever handle raises the telescope off the micrometer screw to avoid jarring the telescope while the instrument is carried about. STADIA HAIRS fixed, ratio 0.6 : 100, *reading direct from center of instrument* the constant f + c being negligible.

Level to Telescope. The glass SPIRIT LEVEL is mounted in a tube of rolled stainless steel. It is ground to a sensitiveness of about 10 seconds of arc per graduation (2 mm.). Through an ingenious REFLECTOR AND PRISM SYSTEM, the position of the bubble may be observed while the rod is being read, without moving away from the eyepiece. The bubble is centered by bringing its two ends, as seen through the prism system, into coincidence. A CIRCULAR SPIRIT LEVEL for approximate leveling is placed at the right-hand side and may be observed by means of a stainless steel reflector attached to it.

Center of bell metal, very precisely fitted into socket of bronze leveling head. Improved CLAMP and TANGENT SCREW with counterspring. Tangent and leveling screws of nickel silver. THREE LEVELING SCREWS.

Morocco Finish.

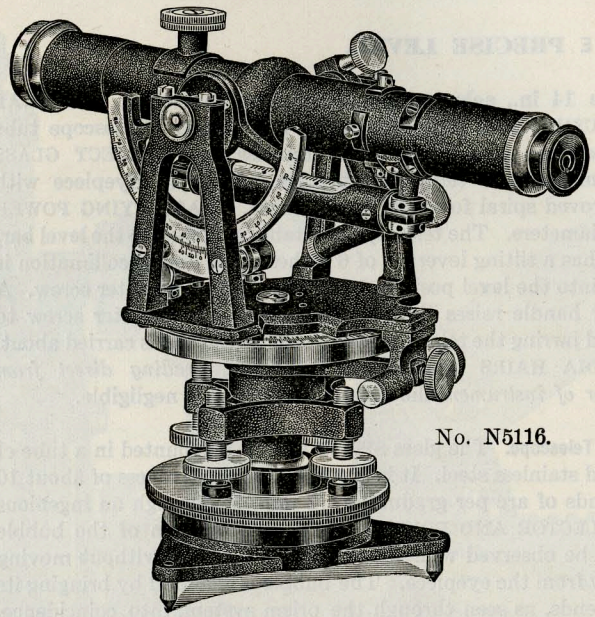
Instrument complete, with sunshade, adjusting pins and waterproof cover in fine polished mahogany Case and with strong tripod of firm texture straight-grained ash with legs of the one-piece split type.

Weight of instrument about $9\frac{1}{2}$ lbs. Weight of tripod about $11\frac{3}{4}$ lbs.

One of the advantages of this level is the possibility of speed in leveling without loss of precision. The coincidence method of centering the bubble is very sensitive; tests having shown that a bubble having a curvature of 10 seconds per 2 mm. can be quickly and repeatedly set to bring the line of collimation level to within less than $\frac{1}{2}$ second of arc.

K & E
REG. U. S. PAT. OFF.

CONTRACTORS' UNIVERSAL LEVELING INSTRUMENT



No. N5116.

N5116. K & E CONTRACTORS' UNIVERSAL LEVELING INSTRUMENT.

Telescope 11 in., achromatic terrestrial. OBJECT GLASS, 1⅛ in., (effective aperture 1.06 in.), with improved rack and pinion movement. EYEPIECE with spiral focusing arrangement. MAGNIFYING POWER 18 diameters. SPIRIT LEVEL to telescope graduated on the glass and ground to a sensitiveness of about 60 seconds of arc per graduation.

Horizontal Limb 3¼ in. dia., divided to degrees and numbered in quadrants with VERNIER reading to 5 minutes. Improved CLAMP and TANGENT SCREW with counterspring. SPIRIT LEVEL TO PLATE. FOUR LEVELING SCREWS. SHIFTING CENTER.

Vertical Arc, 4 in. dia. divided to degrees with VERNIER reading to 5 minutes. CLAMP and TANGENT SCREW with counterspring.

Morocco Finish.

Instrument complete, with metal trivet, plumb bob, sunshade and adjusting pins in strong case, and with No. 5174 hardwood Tripod $

Weight of instrument, about 6½ lbs.

Weight of tripod, about 9 lbs.

***N5116C. K & E CONTRACTORS' UNIVERSAL LEVELING INSTRUMENT** as described under No. N5116, **but with addition of Compass** having 1½ in. NEEDLE . . . . . $

For any of the above with **Extension Tripod No. 5181,** in place of tripod No. 5174 . . . . . add $

***To order only at short notice.**

NEW ITEMS

LEVELING RODS

6251-5. **ENGLISH SELF-READING ROD,** metric, similar to 6251, but 1.8 meters extending to five meters . . . . . each $

6253-4. **FRISCO ROD,** metric, similar to 6253, but 1.5 meters extending to 4 meters . . . . . "

N6264. **LIGHT PHILADELPHIA ROD,** without target, graduated like No. 6262, on one face only, two plies, extending from 7.3 to 13.8 ft., locked in extended position by self-operating locking device, and with clamp screw and spring . . . . . "

N6275-5. **LONG DISTANCE STADIA ROD,** similar to No. 6275, but 4-fold, 5 meters folding to 1.25 meters, alternate meters red and black, numbers inverted. Smallest division 2 cm. . . . . "

6280½. **ARCHITECTS' AND BUILDERS' ROD,** like No. 6280, but with additional graduations on the side for direct reading. Additional graduations are Philadelphia style, with alternate eighths in solid black . . . . . "

6341. **FLEXIBLE ROD,** 3 in. wide, metric 5 meters, div. to centimeters . . . . . "

SHEATHS FOR PLUMB-BOBS

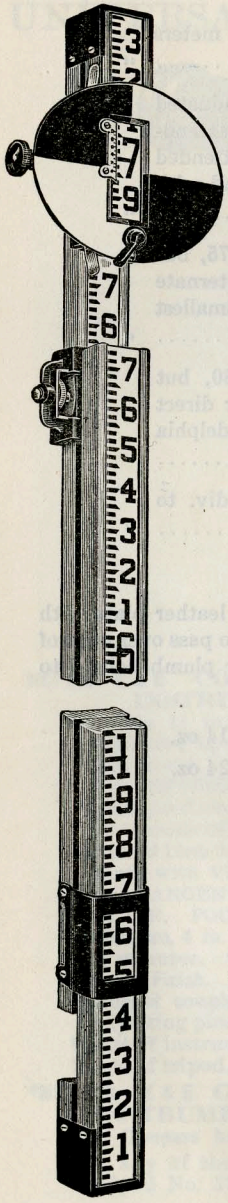
N6491½A. **LEATHER SHEATH,** sewed and riveted to heavy leather plate with two slots to take belt, and with slotted strap to pass over neck of plumb bob to prevent it from falling out. For plumb bobs 4 to 8 oz.

N6491½B. Like No. N6491½A, but for plumb bobs 12 to 14 oz.

N6491½C. Like No. N6491½A, but for plumb bobs 16 to 24 oz.

K & E METAGRAD LEVELING ROD

TRADE MARK



In this leveling rod, the graduations and numbers are applied directly upon a durable, corrosion-resisting metal strip with a permanent white enameled face securely attached to the rod, yet readily replaceable.

The graduations are sharply defined in black. Numerals are in red for the main divisions such as feet; subdivisions are black.

The graduations on the metal strip of the Metagrad rod will outlast those on the all wood rod, and the strip can be readily replaced if ultimately it should show wear.

The entire metal strip is graduated, numbered and finished before it is attached to the rod, which as in the case of the Precise Geodetic Rod, serves merely as a support. It is obvious, therefore, that the graduations are independent of the vagaries of the wood itself.

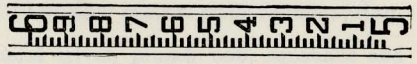
This K&E development materially lengthens the useful life of the rod. Engineers are of course familiar with the fact that all-wood rods frequently go to the scrap heap simply because the graduations and numerals have become all but invisible and because renovation of the markings on wood is necessarily expensive and not always satisfactory.

In brief, the advantages of this rod are:—

1. Clearer, more legible markings.
2. Greater life for graduations and numerals.
3. Greater ease and lower cost of replacement of the scale.
4. Greater accuracy.

In all other respects the rods are identical with our well-known Philadelphia rods.

Vernier reads to $\frac{1}{1000}$ths foot.



N6256. Heavy Philadelphia Rod, 7 ft. extending to 13ft. graduated on metal, with micrometer target, each $

N6256R. Heavy Philadelphia Rod, 7 ft. extending to 13 ft., graduated on metal, without target, . . . each

POPULAR DRAWING TABLES.

TRADE MARK



No. 2553.

The Popular Drawing Table is of simple design; very serviceable; easily adjusted for height and slope; and moderate in price.

The hardwood standards are tongued; slide freely in grooves cut in the hardwood base; and can be raised, lowered, and regulated by means of clamp screws attached to the base. The table can thus be set to any height between 33 and 50 inches.

The top is a soft whitewood drawing board of good quality, $\frac{3}{4}$ inch thick, with two hardwood ledges underneath. It is hinged to the standards, and can be fixed in any position which may be desired, lying between the horizontal and a slant of 60 or 65 degrees to the horizontal.

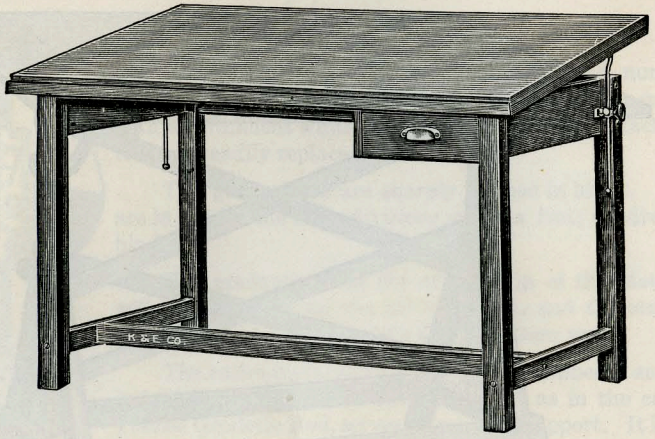
The hardwood parts have a **light natural wood finish.**

For convenience in transportation this table is furnished knocked-down.

Ship'g weight about			Thickness Finished Size.	Dimensions	
50 lb	2553-2.	**Popular Drawing Table** Board,	$\frac{3}{4}$ in. . . .	23×31 in.	each $
65 lb	3.	" " " "	" . . .	31×42 "	"
75 lb	4.	" " " "	" . . .	33×55 "	"
90 lb	5.	" " " "	" . . .	36×60 "	"

The above prices cover crating for shipment.

FULTON DRAWING TABLES
TRADE MARK



Ship'g weight about

125 lb **2592A. Fulton Drawing Table,** oak and hardwood, in dark color high gloss finish. The top is a drawing board of basswood, 36 × 48 in., with hardwood protection strip in front, and side ledges screwed in slots with metal bushings. Drawer 12¼ in. long × 24 in. deep × 4 in. high inside, with tool tray. The table stands 34 in. high*. **Adjustable top.** ..... each $

135 lb **2592B. Fulton Drawing Table,** same as 2592A, but drawing board 36 × 54 in. ..... each $

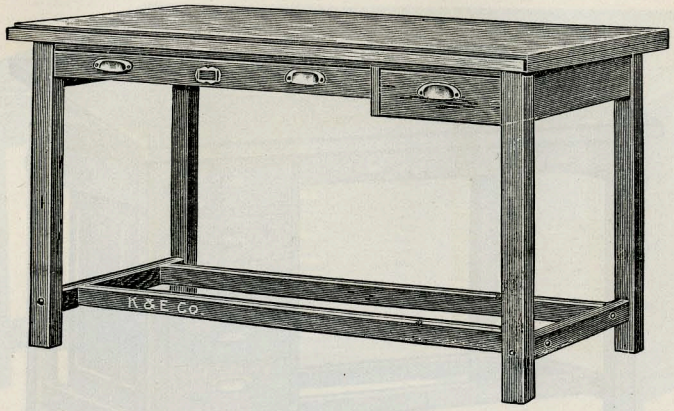
145 lb **2592C. Fulton Drawing Table,** same as 2592A, but drawing board 36 × 60 in. ..... each $

165 lb **2592D. Fulton Drawing Table,** same as 2592A, but drawing board 36 × 72 in. ..... each $

All Fulton Drawing Tables have a dust cover under the drawing board.

*Raising blocks, 3 in. high, are regularly furnished without extra charge.

HUDSON DRAWING TABLES.
TRADE MARK



Ship'g weight about

No. D2593R.

165 lb **D2593R. Hudson Drawing Table,** oak and hardwood, in dark color high gloss finish. The top is a drawing board of white pine 36×60 in., with hardwood protection strip in front, and side ledges screwed in slots with metal bushings. Large drawer 36¾ in. long × 26 in. deep × 2 in. high inside; small drawer 12¼ in. long × 24 in. deep × 4 in. high inside, with tool tray. The table stands 34 in. high. ***Non-adjustable top.** each $

250 lb **D2593RH. Hudson Drawing Table,** like D2593R, but with the addition of 4 drawer section; each drawer 11½ in. long × 24 in. deep × 4 in. high inside. ..... each $

325 lb **D2593RK. Hudson Drawing Table,** like D2593R, but with addition of **two** 4 drawer sections, one section at right and one at left side, each drawer 11½ in. long×24 in. deep×4 in. high inside each $

165 lb **D2593½R. Hudson Drawing Table,** like D2593R, but with **adjustable top,** raising bars, etc.* ..... each $

250 lb **D2593½RH. Hudson Drawing Table,** like D2593½R, but with addition of 4 drawer section; each drawer 11½ in. long × 24 in. deep × 4 in. high inside. ..... each $

325 lb **D2593½RK. Hudson Drawing Table,** like D2593½RH, but with **two** 4 drawer sections, one section at right and one at left side, each drawer 11½ in. long × 24 in. deep × 4 in. high inside each $

All Hudson Drawing Tables are so constructed that whether the top is fixed or made adjustable the drawers are entirely covered against dust entering from the top.

*** Raising blocks, 3 in. high, are regularly furnished without extra charge.**

HUDSON DRAWING TABLES.
TRADE MARK



No. D2593½RH.

Ship'g weight about

170 lb **D2594R.** Same as D2593R, but drawing board 36 × 72 in.....each $

255 lb **D2594RH. Hudson Drawing Table,** like D2593R, but drawing board 36 × 72 in., and with the addition of 4 drawer section; each drawer 11½ in. long × 24 in. deep × 4 in. high inside. each $

330 lb **D2594RK. Hudson Drawing Table,** like D2594RH, but with **two** 4 drawer sections, one section at right and one at left side, each drawer 11½ in. long × 24 in. deep × 4 in. high inside each $

170 lb **D2594½R.** Same as D2593½R, but drawing board 36 × 72 in.....each $

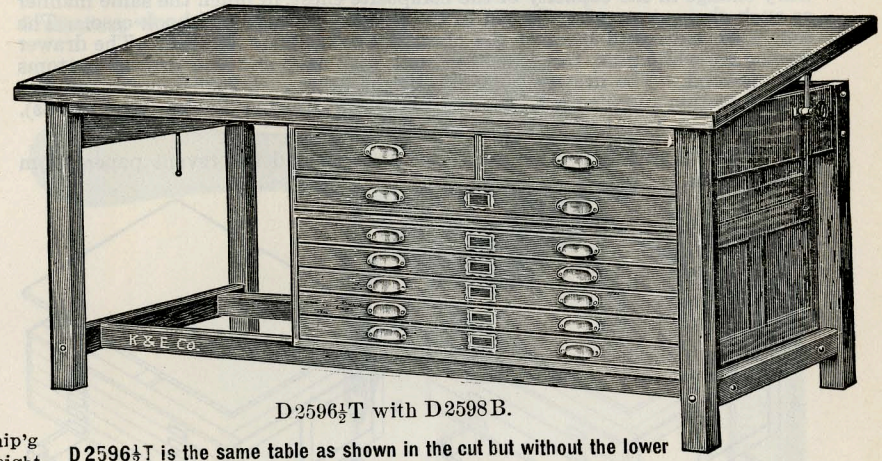
255 lb **D2594½RH. Hudson Drawing Table,** like D2593½R, but drawing board 36 × 72 in., and with the addition of 4 drawer section; drawer 11½ in. long × 24 in. deep × 4 in. high inside each $

330 lb **D2594½RK. Hudson Drawing Table,** like D2594½RH, but with **two** 4 drawer sections, one section at right and one at left side, each drawer 11½ in. long × 24 in. deep × 4 in. high inside each $

All Hudson Drawing Tables are so constructed that whether the top is fixed or made adjustable the drawers are entirely covered against dust entering from the top.

***Raising blocks, 3 in, high, are regularly furnished without extra charge.**

HUDSON DRAWING TABLES.
TRADE MARK



D2596½T with D2598B.

Ship'g weight about

D2596½T is the same table as shown in the cut but without the lower 5 drawers which form the five drawer section D2598B (see page 3t).

235 lb **D2595T. Hudson Drawing Table,** oak and hardwood, in dark color high gloss finish. The top is a white pine drawing board, 36 × 72 in. with hardwood protection strip in front, and side ledges screwed in slots with metal bushings. Two drawers 17¾ in. long × 24¾ in. deep × 3¾ in. high inside; one with partitioned sliding tray. The third drawer is 37¾ in. long × 24¾ in. deep × 2 in. high inside. The table stands 34 in. high and can be made 3 in. higher by means of raising blocks.* **Non-adjustable top** . . . . . each $

160 lb **D2595P.** Same as D2595T but without drawers . . . . . "

235 lb **D2595½T. Hudson Table,** like D2595T, but with **adjustable top,** . . . . each $

160 lb **D2595½P.** Same as D2595½T, but without drawers . . . . . "

300 lb **D2596T.** Similar to D2595T, but drawing board 42×84 in.; two drawers 20½ in. long × 32 in. deep × 3¾ in. high inside; and one drawer 42¾ in. long × 32 in. deep × 2 in. high inside, **Non-adjustable top** . . . . . each $

200 lb **D2596P.** Same as D2596T, but without drawers . . . . . "

300 lb **D2596½T. Hudson Drawing Table,** like No. D2596T, but with **adjustable top** and raising bars . . . . . each $

200 lb **D2596½P.** Same as D2596½T but without drawers . . . . . "

455 lb **D2596T with D2598B. Hudson Drawing Table,** like D2596T, but with the addition of 5 drawer section; each drawer 42¾ in. long × 32 in. deep × 2 in. high, inside. Dark color, high gloss finish. The table stands 34 in. high, and can be made 3 in. higher by means of raising blocks.* **Non-adjustable top** . . . . . each $

455 lb **D2596½T with D2598B. Hudson Drawing Table,** like D2596T with D2598B, but with **adjustable top** and raising bars . . . . . each $

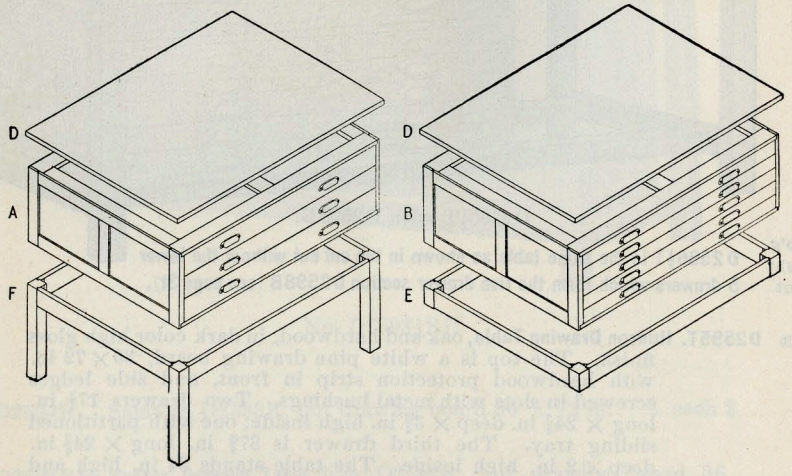
***Raising blocks, 3 in. high, are regularly furnished without extra charge.**

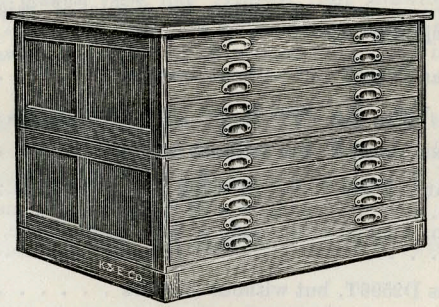
CHESTS OF DRAWERS, IN SECTIONS.

These **Sectional Chests,** consisting of base, sections, and top, admit of arbitrary change in the capacity of the composite chest, in much the same manner as such changes may be effected in the well-known sectional book case. The top, base, sides and back of the chest are oak, nicely finished. The drawer frames are white pine, faced on the front with oak: and the drawer bottoms are plywood. The drawer pulls are bright brass.. D2598B forms the five drawer section supplied with the large Hudson Drawing Tables (see page 3s).

Sections A and B are 14½ inches high.

The drawers have a guard across the rear end to prevent papers from working out.





No. D2598 B. D. E.

Ship'g weight about

130 lb	D2598A.	**Section,** 3 Drawers 42¾ in. long × 32 in. deep × 3⅝ in. high inside . . . . . each $
155 lb	D2598B.	**Section,** 5 Drawers 42¾ in. long × 32 in. deep × 2 in. high inside. . . . . "
65 lb	D2598D.	**Polished Hardwood Top,** 47½ in. long × 35½ in. wide . . . "
35 lb	D2598E.	" " **Base,** 3½ in. high . . . . . "
55 lb	D2598F.	" " **Sanitary Base,** 18 in. high . . . . . "

The above prices cover crating for shipment.

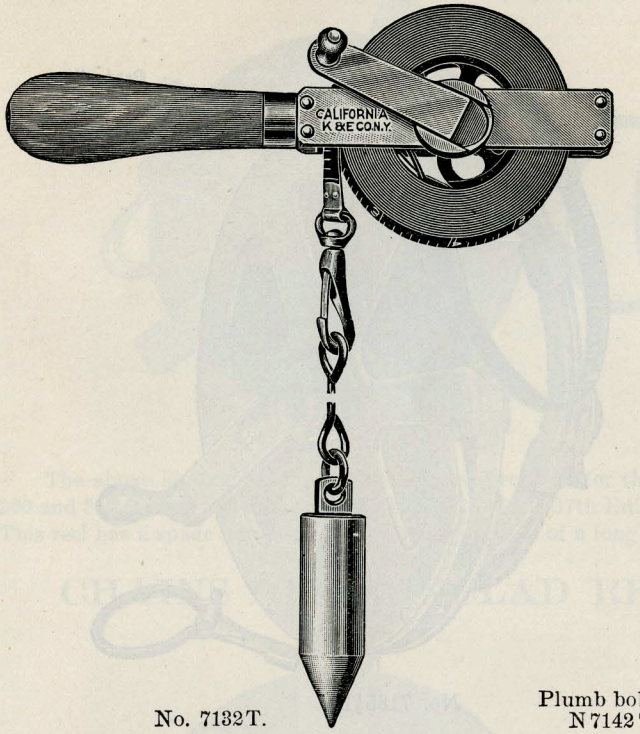
K & E STEEL TAPES

REG. U. S. PAT. OFF.

KECO Finish

FOR OIL GAUGERS' USE

Graduations "Ready Reading"



No. 7132T.



Plumb bob for N7142T.

California **K & E** Steel Tapes for oil gaugers, **3/8 in. wide,** similar in construction to Nos. 7121 and 7122, but with heavy plumb bob suspended from strong hook attached to tape. Measurements begin **at point of plumb bob.**

	Length in feet	33	50
For light oils	12ths of feet . . . . . each $	**No. 7131T**	**7132T**
For heavy oils	12ths of feet . . . . . each $	**No. N7141T**	**N7142T**

Nos. N7141T and N7142T carry a brass plumb bob 1 in. in dia. by 6½ in. long, weighing 22 oz., which is graduated in inches and eighths, with each inch numbered. The length of the bob is equal to the length of the connecting link and steel plumb bob of Nos. 7131T and 7132T, the plumb bob of which is 2⅝ in. long and weighs 6 oz. **The plumb bobs are therefore interchangeable.**

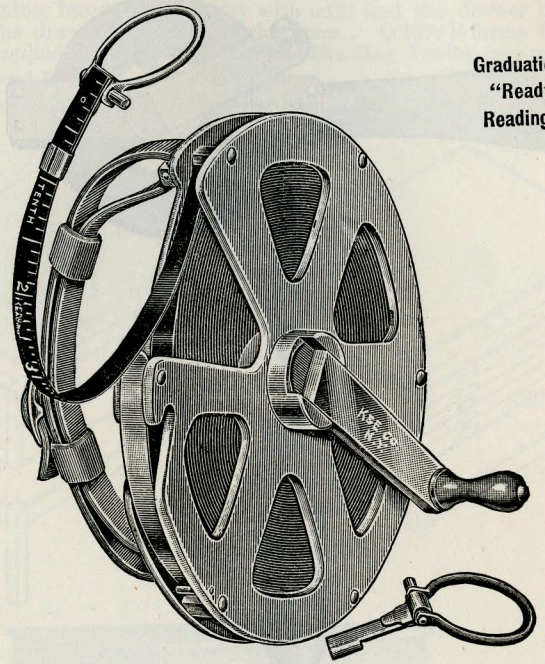
California **K & E** Steel Tape, like Nos. N7141T and N7142T, but line **1/2 in. wide.** Measurements begin **at point of plumb bob.**

	Length in feet	33	50
For heavy oils	12ths of feet . . . . . each $	**No. N7141½T**	**N7142½T**

K & E STEEL TAPES.

REG. U. S. PAT. OFF.

KECO Finish.



Graduations "Ready Reading"

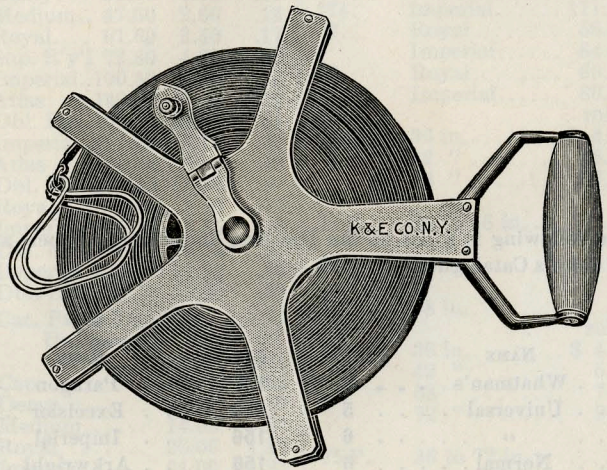
No. 7185½D.

Berkeley **K & E STEEL TAPES,** ¼ in. wide, Paine's Pattern, aluminum reel with leather strap handle, large center with long lock handle. Two handles for tape line. All mountings nickleplated. Line readily detached from reel. Graduations begin at end of line.

Length in feet	50	100
10ths of feet	No. 7182½D	7185½D
	each $	

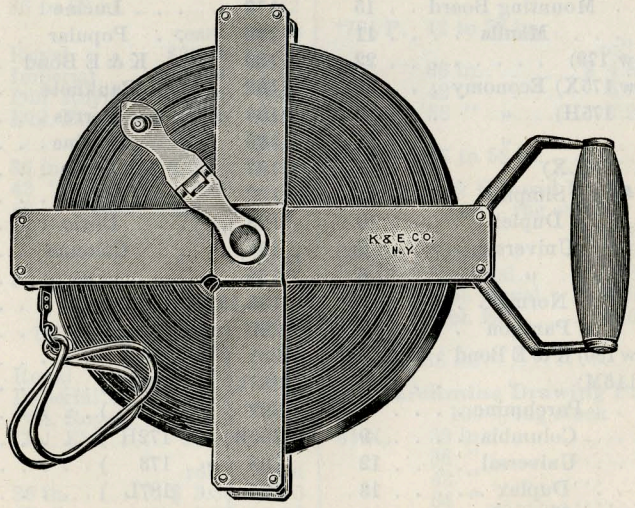
K & E
REG. U. S. PAT. OFF.

BAND CHAINS ON CHAMPION REELS.



The above illustration shows the reel now provided for the Band Chains 200 and 300 ft. long listed on pages 525 and 526 of the 37th Edition Catalogue. This reel has a spade handle and is wound by means of a long folding handle.

CHAINS ON IRONCLAD REELS.



The above illustration shows the reel now provided for the Band Chains 200 ft. long listed on page 524 of the 37th Edition Catalogue. Type 1 and Type 4 Band Chains ¼ in. wide and 300 ft. long can also be furnished on this reel.

The following is a list of the Drawing and Tracing Papers and Cloths described in this Catalogue:

Cat. No.	Name	Page
1 to 3	Whatman's	4
4	Universal	5
4½	"	6
5	Normal	6
7 to 9	Paragon	7
10, 11	Duplex	10
15, 15½	K & E Ledger	9
16L	(now 180) K & E Bond	23
16M	(" 90M) "	8
17	Bristol Board	15
26	Mounting Board	15
40	Manila	11
46	(now 179)	22
47	(now 175X) Economy	21
47H	(" 175H) "	9
	"	21
47L	(" 175LX) "	21
48L, 48, 49	Simplex	11
50 to 52	Duplex	10
55	Universal	5
56	"	6
60	Normal	6
71 to 82	Paragon	7
90	(now 180) K & E Bond	23
90M	(old 16M) "	8
91-92	Parchmine	8
93 to 95	Columbia	9
100, 101	Universal	12
103	Duplex	13
105	Normal	13
111 to N118	Paragon	13
125	Unchangeable Board	14
130	Whatman's	14
135 to 139	Paragon	14
150	Excelsior	16
156	Imperial	16
158	Arkwright	16
159	Warwick	16
168	Albanene	17
172	Alba	20
173	Bianca	20
175	Economy	9, 21
176	Ecco	21
178	Lucine	22
179	Popular	22
180	K & E Bond	23
182	Banknote	23
184	Torres	23
185	Ferrine	24
187	Lotus	24
192	Abacus	25
193	Doric	25
194	Colonna	25
195	"	26
196-197	Ionic	26
200	(now 193)	25
201	(" 176X)	21
201L	(" 176LX)	21
202	(" 172)	20
202H	(" 172H)	20
203	(" 173)	20
204	(" 187L)	24
206	(" 187)	24
208	(" 182)	23
238	Columbia	17

Cat. Page 4.

Drawing Papers in Sheets
Whatman's

		ream	quire	sheet
1.	Cap	$21.00	$1.15	$ .06
	Demy	35.00	1.95	.10
	Medium	47.60	2.60	.13
	Royal	61.60	3.40	.17
	Sup. R'y'l	72.80	4.00	.20
	Imperial	100.80	5.55	.28
	Atlas	140.00	7.70	.39
	Dbl. Ele.	186.20	10.25	.51
1 A.	Imperial	111.60	6.15	.31
	Atlas	155.00	8.50	.43
	Dbl. Ele.	206.15	11.35	.57
2.	Royal	61.60	3.40	.17
	Imperial	100.80	5.55	.28
	Dbl. Ele.	186.20	10.25	.51
3.	Imperial	217.00	11.95	.60
	Dbl. Ele.	325.50	17.90	.89

Cat. Pages 5 and 6.

Universal

		ream	quire
4.	Cap	$ 8.75	$ .55
	Demy	11.50	.70
	Medium	14.00	.85
	Royal	20.00	1.20
	Imperial	31.00	1.85
	Dbl. Ele	60.00	3.60
		roll	yard
55.	36 in.	$ 2.00	$ .30
	42 "	2.30	.35
	56 "	3.60	.45
	62 "	4.00	.50
			pound
55 P.	36 to 62 in.		$ .42
		ream	quire
4½.	Royal	$33.00	$1.90
	Imperial	48.00	2.75
	Dbl. Royal	62.00	3.60
	Dbl. Ele	78.00	4.50
		roll	yard
56.	36 in.	$ 2.70	$ .40
	42 "	3.00	.45
	56 " discontinued		
	62 "	5.30	.65
			pound
56 P.	36 to 62 in.		$ .46

Normal

100% rag stock

		ream	quire
5.	Royal	$38.00	$2.20
	Imperial	55.00	3.20
	Dbl. Royal	71.00	4.20
	Dbl. Ele	90.00	5.20
		roll	yard
60.	36 in.	$ 3.30	$ .40
	42 "	3.80	.50
	62 "	5.70	.75
			pound
60 P.	36 to 62 in.		$ .65

Cat. Page 7 and 8.

Paragon

100% rag stock

		ream	quire
7.	Royal	$58.50	$3.30
	Imperial	84.00	4.80
†7½.	Imperial	111.00	6.40
8.	Royal	58.50	3.30
	Imperial	84.00	4.80
9.	Royal	60.25	3.45
	Imperial	86.50	5.00
		roll	yard
71.	36 in.	$ 4.60	$ .55
	42 "	5.50	.65
	58 "	7.50	.90
			pound
71 P.	36 to 58 in.		$ .75
		roll	yard
72.	58 in.	$ 9.40	$1.15
			pound
72 P.	58 in.		$ .75
		roll	yard
75.	36 in.	$ 4.60	$ .55
	42 "	5.50	.65
	58 "	7.50	.90
	72 "	9.40	1.15
			pound
75 P.	36 to 72 in.		$ .75
		roll	yard
76.	58 in.	$ 9.40	$1.15
	72 "	12.00	1.40
			pound
76 P.	58 to 72 in.		$ .75
		roll	yard
†76½.	42 in.	$ 6.90	.85
	58 "	9.40	1.15
			pound
†76½ P.	42 to 58 in.		$ .75
		roll	yard
82.	36 in.	$ 4.80	$ .55
	42 "	5.80	.65
	58 "	7.90	.90
			pound
82 P.	36 to 58 in.		$ .75

K & E Bond Paper

100% rag stock

		ream	quire
90 M.	Royal	$17.50	$1.00
(old 16M)	Imperial	25.00	1.45
	Dbl. Royal	33.00	1.90
	Dbl. Ele	41.00	2.40
			roll
90MX.	36 in.		$5.20

Parchmine Drawing Paper

		100% rag stock	roll
91 X.	30 in.		$3.60
	36 "		4.32
	42 "		5.00
	54 "		6.60
92 X.	30 "		5.20
	36 "		6.20
	42 "		7.20
	54 "		9.75

†For description of the article see pages 3a to 3w.

Cat. Page 9.

Columbia Drawing Paper

100% rag stock

		roll
93 X.	30 in.	$3.00
	36 "	3.50
	42 "	4.10
94 X.	24 "	3.30
	30 "	3.90
	36 "	4.60
	42 "	5.30
	54 "	7.00
95 X.	30 "	5.20
	36 "	6.20
	42 "	7.30
	54 "	9.50

K & E Ledger

		ream	quire
15.	Medium	$25.00	$1.45
	Dbl. Royal	52.00	3.00
15½.	Dbl. Royal	34.50	2.10

Economy

		roll
175 H (old 47 H).	36 in.	$2.75
	42 in.	3.10

Cat. Page 10.

Duplex

100% rag stock

		ream	quire
10.	Royal	$26.50	$1.55
	Imperial	38.00	2.20
	Dbl. Royal	49.00	2.80
	Dbl. Ele	62.00	3.50

		roll	yard
50.	30 in.	$ 1.65	$ .20
	36 "	1.95	.20
	42 "	2.25	.25
	56 "	3.00	.35
	62 "	3.40	.40

		roll
50 X.	30 in.	$7.00
	36 "	8.20
	42 "	9.40
	56 "	14.00
	62 "	16.00

		pound
50 P.	30 to 62 in.	$ .40

		ream	quire
11.	Imperial	$41.00	$2.40
	Dbl. Royal	53.00	3.05
	Dbl. Ele	67.00	3.85

		roll	yard
51.	36 in.	$ 2.10	$ .25
	62 "	3.70	.40

		roll
51 X.	36 in.	$9.00
	62 "	17.40

		pound
51 P.	36 to 62 in.	$ .40

Cat. Page 10.

Duplex

100% rag stock

		roll
52.	30 in.	$1.65
	36 "	1.95
	42 "	2.25

		pound
52 P.	30 to 42 in.	$ .40

Cat. Page 11.

Simplex

		pound
48 LP., 48 P., 49 P.		$ .21

		roll
48 L.	36 in.	$ .90
	42 "	1.05
48 LX.	36 "	3.00
	42 "	3.60
48.	30 in.	$ .95
	36 "	1.10
	42 "	1.20
	48 "	1.40
	54 "	1.60
48 X.	30 "	3.30
	36 "	3.80
	42 "	4.50
	48 "	5.30
	54 "	6.00
49.	30 in.	$1.20
	36 "	1.35
	42 "	1.50
	48 "	1.75
	54 "	2.00
49 X.	30 "	4.30
	36 "	5.10
	42 "	6.00
	48 "	7.00
	54 "	8.00

Smooth Manila

		pound
40-1 P., 40-2P., 40-3 P.		$ .19

		roll
40-1 X.	36 in.	$7.75
	40 "	8.50
	48 "	10.10
	54 "	11.50
40-1 XX.	36 "	14.40
	40 "	15.75
40-2 X.	36 in.	$ 9.50
	40 "	10.50
	48 "	12.70
	54 "	14.20
40-2 XX.	36 "	17.75
	40 "	19.50
40-3 X.	36 in.	$11.70
	40 "	13.00
	48 "	15.50
	54 "	17.60

Cat. Page 12 & 13.

Mounted Drawing Papers

Universal

		roll	yard
100.	36 in.	$11.50	$1.40
	42 "	13.30	1.60
	56 "	19.00	2.40
	62 "	21.00	2.65
101.	36 "	12.20	1.50
	42 "	14.00	1.70
	56 "	discontinued	
	62 "	22.00	2.75

Duplex

100% rag stock

		roll	yard
103.	36 in.	$11.50	$1.40
	42 "	13.30	1.60
	56 "	19.00	2.40
	62 "	21.00	2.65

Normal

100% rag stock

		roll	yard
105.	36 in.	$12.50	$1.50
	42 "	15.00	1.80
	62 "	23.00	2.90

Paragon

100% rag stock

		roll	yard
111.	36 in.	$14.10	$1.70
	42 "	16.20	2.00
	58 "	23.50	3.00
112.	58 "	26.00	3.25
115.	36 "	14.10	1.70
	42 "	16.20	2.00
	58 "	23.50	3.00
	72 "	30.00	3.80
116.	58 "	26.00	3.25
	72 "	33.00	4.20
N 118.	36 "	14.50	1.75
	42 "	16.50	2.00
	58 "	24.00	3.00

Cat. Page 14.

Unchangeable Board

		sheet
125.	Royal	$1.80
	Imperial	2.70
	Dbl. Ele	4.20

Whatman's, Mounted

		sheet
130.	Royal	$ .60
	Imperial	.90
	Dbl. Ele	1.60

Paragon, Mounted

100% rag stock

		sheet
135.	Royal	$ .60
	Imperial	.90
	Dbl. Ele	1.40
	Antiquarian	2.40

Paragon, Double Mounted

		sheet
137.	Royal	$1.20
	Imperial	1.80
	Dbl. Ele	2.80
	Antiquarian	4.80

Paragon, Mounted

100% rag stock

		sheet
139.	15 × 15	$ .50
	18 × 24	.70
	24 × 31	1.10

Cat. Page 15.

Reynolds Bristol Boards

		gross	doz.
17-2.	Trade Mark	$14.50	$1.30
	Pat. Off	14.50	1.30
	Cap	15.60	1.45
	Demy	21.80	2.00
	Medium	30.60	2.85
	Royal	37.00	3.45
	Imperial	64.00	6.00
17-3.	Trade Mark	$22.00	$2.00
	Pat. Off	22.00	2.00
	Cap	23.00	2.10
	Demy	32.00	2.95
	Medium	46.00	4.25
	Royal	56.00	5.20
	Imperial	100.00	9.30
17-4.	Cap	30.60	2.85
	Demy	44.00	4.10
	Medium	62.00	5.75
	Royal	74.00	6.90
	Imperial	134.00	12.40
17 S.	Trade Mark	24.00	2.25
17 P.	Pat. Off	24.00	2.25
17 SL.	Trade Mark	16.50	1.55
17 PL.	Pat. Off	16.50	1.55

Mounting Board

		doz.	sheet
26.	22 × 28 4 ply.	$ 1.60	$ .20
	6 "	2.00	.25
	8 "	2.50	.30
	10 "	3.10	.35

Binding Strips

		box
31.		$ .60

Cat. Page 16 to 17.

Tracing Cloth

Excelsior

		roll	yard
150.	30 in.	$24.00	$1.20
	36 "	27.50	1.40
	42 "	32.50	1.60

Imperial

		roll	yard
156.	24 in.	$20.70	$1.10
	30 "	21.50	1.15
	36 "	24.75	1.25
	38 "	27.00	1.40
	42 "	29.50	1.60
	48 "	37.75	2.10
	54 "	46.75	2.60

Arkwright

		roll
158.	30 in.	$19.25
	36 "	21.25
	42 "	26.25

Cat. Page 16 to 17.

Tracing Cloth

Warwick roll

159.	30 in.	$17.50
	36 "	19.25
	42 "	23.75

White Tracing Cloth roll

†162.	36 in.	$16.35

Imperial Pencil Cloth roll

†163.	30 in.	$21.50
	36 "	24.75
	42 "	29.50

Venus Pencil Cloth roll

†164.	30 in.	$21.00
	36 "	23.00
	42 "	28.50

Arkwright Pencil Cloth roll

†167.	30 in.	$14.80
	36/37 in.	15.60
	42/44 "	18.50

Albanene Pencil Cloth roll

†168.	30 in.	$17.50
	38 "	20.00

Crystalline White Pen. Cloth

†N169 (old 167½)		roll
	36 in.	20.50
	42 "	24.25

Columbia Cloth roll

238 L.	30 in.	$7.25
	36 "	7.75
	42 "	9.25
238.	30 "	5.25
	36 "	5.75
	42 "	7.00
	54 "	14.00

Fixative

†165E. (old 165)	pint	$1.80
†165G.	gallon	8.00
†N165½E.	pint	1.80
†N165½G.	gallon	8.00

Pounce each

166.		$ .25

Inkoff per outfit

3016.		$ .45

Cat. Page 20.

Natural Tracing Papers

Alba roll

172 (old 202).	36 in.	$2 25
	42 "	2.60
	57 "	3.60
172 X.	36 "	4.80
	42 "	5.60
	57 "	7.50
172 H (old 202 H).	42 in.	2.20
	57 "	3.10
172 HX.	42 "	4.80
	57 "	6.50

Bianca roll

†173 (old 203).	36 in.	$1.50
	42 "	1.75
	57 "	2.40

Cat. Page 20 roll

†173 X.	36 in.	$3.25
	42 "	3.75
	57 "	5.00

Cat. Page 21.

Economy roll

175 LX (old 47L).	36 in.	$3.40
	42 "	3.90
	60 "	5.50
175 X (old 47).	36 in.	3.90
	42 "	4.50
	60 "	6.00
175 H (old 47 H).	36 in.	2.75
	42 "	3.10

Ecco roll

176 LX (old 201 L).	36 in.	$3.00
	42 "	3.50
	60 "	5.00
176 X (old 201).	36 in.	3.50
	42 "	4.10

Cat. Page 22.

Lucine roll

178 (old 207).	36 in.	$2.00
	42 "	2.30
178 X.	36 "	4.30
	42 "	5.00

Popular roll

179 (old 46).	36 in.	$1.35
	42 "	1.45
	57 "	1.90
179 X.	36 "	2.70
	42 "	2.90
	57 "	3.80

Cat. Page 23.

K & E Bond Paper

100% rag stock

		ream	quire
180 (old 16 L).	Double Royal	$32.00	$1.80

roll

†180. (old 90).	36 in.	$2.25
	42 "	2.55
†180 X.	36 in.	4.80
	42 "	5.50

Banknote ream quire

182.	17 × 22	$12 50	$ .75
	24 × 36	29.00	1.70

roll

182 (old 208).	36 in	$1.90
	42 "	2.40

Torres

184 L (old 8002 L).	36 in.	$1.35
	42 "	1.60
184 LX.	36 "	3.00
	42 "	3.50
184 (old 8002).	36 in.	1.65
	42 "	1.95
184 X.	36 "	3.70
	42 "	4.40

†For description of the article see pages 3a to 3w.

Cat. Page 24 to 26

Ferrine roll

185.	36 in.	$2.30
	42 "	2.60
185 X.	36 "	5.10
	42 "	5.90

Lotus

		ream	quire
187 L (old 204).	Dbl. Ele.	$26.40	$1.50

roll

187 L.	42 in.	$2.25
187 LX.	42 "	5.00

187 (old 206)	Royal	$12.75	$ .75
	Dbl. Ele.	30.00	1.75

roll

187.	42 in.	$2.55
187 X.	42 "	5.75

Prepared Tracing Papers

Abacus roll

192.	42 in.	$4.40

Doric roll

193 (old 200).	42 in.	$3.90

Colonna hund.

194.	Royal	$6.20
	Imperial	8.60
	Dbl. Royal	12.00
	Dbl. Ele	16.75

roll

194.	30 in.	$3.20
	36 "	3.60
	42 "	4.00
194 X.	30 "	6.50
	36 "	8.00
	42 "	9.00

Colonna hund.

195.	Royal	$6.80
	Imperial	9.60
	Dbl. Royal	13.00
	Dbl. Ele	18.40

roll

195.	30 in.	$3.60
	36 "	4.00
	42 "	4.40
195 X.	30 "	7.50
	36 "	9.00
	42 "	10.00

Ionic hund.

196.	Royal	$6.20
	Imperial	8.60
	Dbl. Royal	12.00
	Dbl. Ele	16.75

roll

196.	30 in.	$3.20
	36 "	3.60
	42 "	4.00
196 X.	30 "	6.50
	36 "	8.00
	42 "	9.00

hund.

197.	Royal	$6.80
or	Imperial	9.60
†197 A.	Dbl. Royal	13.00
	Dbl. Ele	18.40

Cat. Page 26.

Ionic roll

197	30 in.	$3.60
or	36 "	4.00
197 A.	42 "	4.40
197X.	30 "	7.50
or	36 "	9.00
197AX.	42 "	10.00

Mineral Oil Prepared Paper roll

†198.	30 in.	$3.40
	36 "	3.90
	42 "	4.30
†198X.	30 "	7.70
	36 "	8.80
	42 "	9.70
†199	30 "	3.00
	36 "	3.45
	42 "	3.85
†199X	30 "	6.75
	36 "	7.80
	42 "	8.70

Cat. Page 30 to 31

Photo-Printing Papers and Cloth

Helios roll

220.	30 in.	$1.80
	36 "	2.10
	42 "	2.40
	54 " *	3.40
220 X.	30 "	5.40
	36 "	6.30
	42 "	7.45
	54 " *	10.50

Parchmine roll

222.	30 in.	$1.50
	36 "	1.75
	42 "	2.10
	54 " *	3.00
222 X.	30 "	5.40
	36 "	6.30
	42 "	7.40
	54 " *	9.80

"E T"

225.	30 "	1.40
	36 "	1.50
	42 "	1.80
	54 " *	2.60
225 X.	30 "	4.80
	36 "	5.60
	42 "	6.60
	54 " *	8.75

Columbia roll

224 L.	30 in.	$1.10
	36 "	1.20
	42 "	1.40
224 LX.	30 "	3.60
	36 "	4.25
	42 "	4.90
224	24 "	1.15
	30 "	1.15
	36 "	1.35
	42 "	1.60
	54 " *	2.40

*To order only.

†For description of article see pages 3a to 3w.

Cat. Page 31.

		Columbia	roll
224 X.	24 in.		$3.80
	30 "		4.20
	36 "		5.00
	42 "		5.80
	54 "	*	8.10
224 H.	30 "		1.60
	36 "		1.90
	42 "		2.20
	54 "	*	3.30
224 HX.	30 "		6.00
	36 "		7.10
	42 "		8.20
	54 "	*	11.00
		Columbia Cloth	
228 L.	30 in.		$ 7.75
	36 "		8.00
	42 "		9.80
228 LX.	30 "		34.50
	36 "		35.50
	42 "		44.00
228.	30 "		6.00
	36 "		6.25
	42 "		7.50
	54 "	*	15.50
228 X.	30 "		25.75
	36 "		26.50
	42 "		33.00
	54 "	*	67.50
228½.	30 "		7.75
	36 "		8.00
	42 "		9.80
228½ X.	30 "		34.50
	36 "		35.50
	42 "		44.00

Cat. Page 32.

		Maduro	roll
229 TN.	30 in.		$1.50
(old 229 TL)	36 "		1.75
	42 "		2.10
229TNX.	30 "		6.45
(old 229TLX)	36 "		7.70
	42 "		9.00
†P229TN.	30 "		3.00
	36 "		3.30
	42 "		3.90
†P229TNX	30 "		10.00
	36 "		11.50
	42 "		13.00
229 T.	30 "		1.50
	36 "		1.75
	42 "		2.10
	54 "	*	3.20
229 TX.	30 "		6.45
	36 "		7.70
	42 "		9.00
	54 "	*	14.00
229 M.	30 "		1.85
	36 "		2.25
	42 "		2.65
	54 "	*	3.75

Cat. Page 32.

		Maduro	roll
229 MX.	30 in.		$8.20
	36 "		9.85
	42 "		11.50
	54 "	*	16.50
		Maduro Cloth	
229 CL.	30 in.		$9.00
	36 "		9.50
	42 "		11.00
229 CLX.	30 "		38.00
	36 "		40.00
	42 "		48.00
229 C.	30 "		6.75
	36 "		7.40
	42 "		9.00
	54 "	*	17.00
229 CX.	30 "		28.00
	36 "		31.00
	42 "		37.50
	54 "	*	73.00
229½ CL.	30 "		9.00
	36 "		9.50
	42 "		11.00
229½ CLX.	30 "		38.00
	36 "		40.00
	42 "		48.00
		Fixing Salt	each
229 S.	4 oz.		$ .15
	8 "		.25
	16 "		.40

Cat. Page 33 to 34.

		Blackprint Papers	roll
†226.	36 in.		$1.65
	42 "		1.90
†226X.	36 in.		5.40
	42 "		6.30
†226 D.		box	.75
227.	30 in.	roll	$2.10
	36 "		2.50
	42 "		3.00
		Translux	each
218 C.			$ .30
F.			1.50
H.			2.60
G.			5.20
		Tubes	each
N 219.	30 in.		$1.25
	36 "		1.40
	42 "		1.50
N 219 X.	30 "		1.65
	36 "		1.80
	42 "		2.00
		Erasing Fluid	each
240 W, R, Y, M.			$ .30
243. discontinued			
		Print Hangers	each
249-4.			$2.50
5.			5.00
6.			6.50
7.			7.75
8.			9.00
		Spring Clips	doz.
249-3.			$ .50

*To order only.
†For description of the article see pages 3a to 3w.

Cat. Page 36.

Standard Profile and Cross Section Papers and Cloths

	roll	yard
253 G & R.	$ 8.00	$ .25
254 G & R.	6.50	.20
255 G & R.	22.00	1.35
257 R.	6.50	.20
257½ R.	5.50	.15
258 R.	23.50	1.35
258½ R.	18.00	1.10
259 G.	20.00	1.20
263 G & R.	8.00	.25
264 G & R.	6.50	.20
265 G & R.	22.00	1.35
267 R.	6.50	.20
267½ R.	5.50	.15
268 R.	23.50	1.35
269 G.	20.00	1.20

Cat. Page 37.

	roll	yard
253 HG & HR.	$ 8.00	$ .25
254 HR.	6.50	.20
257 HR.	6.50	.20
257½ HR.	5.50	.15
258 HR.	23.50	1.35
258½ HR.	18.00	1.10
263 HG & HR.	8.00	.25
267 HR.	6.50	.20
268 HR.	23.50	1.35

Cat. Page 38.

	quire	sheet
280 G, R.	$ 3.75	$ .20
280 TR.	3.75	.20
	roll	**yard**
282 G.	$13.50	$ .35
282½ G.	10.00	.25
283 G & R.	8.00	.25
†284 G.	6.50	.20
285 G & R.	22.00	1.35
287 R.	6.50	.20
288 R.	23.50	1.35
289 G.	20.00	1.20
	quire	**sheet**
290 G, R.	$ 3.75	$ .20
290 TR.	3.75	.20
	roll	**yard**
293 G & R.	$8.00	$ .25

Cat. Page 39.

	quire	sheet
†300 G, R.	$ 3.75	$ .20
300 TR.	3.75	.20
	roll	**yard**
303 G & R.	$8.00	$ .25
305 G & R.	22.00	1.35
306 G & R.	15.00	.40
307 R.	6.50	.20
307½ R.	12.50	.30

Cat. Page 39.

	roll	yard
308 G & R.	$35.00	2.10
308½ R.	23.50	1.35
309 R.	36.00	2.20
	quire	**sheet**
320 G, R.	$ 3.75	$ .20
320 TR.	3.75	.20
321 G. (old 324)	3.60	.20

Cat. Page 40.

	quire	sheet
322 G.	$ 3.75	$ .20
	roll	**yard**
326 R.	$11.00	$ .25
326 D.	12.00	.30

Cat. Page 41.

	ream	quire
N 330.	$27.00	$1.60
N 330 L.	21.00	1.25
N 331.	27.00	1.60
N 331 L.	21.00	1.25
N 332.	27.00	1.60
N 332 L.	21.00	1.25
N 333.	27.00	1.60

Cat. Page 42.

	mille	hund.
334-1 N.	$12.50	$1.45
1 TN.	9.50	1.10
1 TR.	9.50	1.10
1 CR.		8.00
2 N.	15.00	1.75
2 B.	15.00	1.75
2 K.	15.00	1.75
2 TN.	12.50	1.45
2 TB.	12.50	1.45
2 TR.	12.50	1.45
2 CR.		14.00
3 N.	31.00	3.60
3 TN.	26.50	3.00
3 TR.	26.50	3.00
3 CR.		26.00
	roll	**yard**
†334½ N.	$ 8.00	$ .25
†334½ TN. (old 334½)	6.50	.20
	doz.	**sheet**
335.	$ 2.40	$ .25

Cat. Page 43.

	hund.	doz.	sheet
N 336.	$4.00	$ .60	$ .07
336 J.	5.00	.75	.08
336 P.		1.90	.20

Cat. Page 44.

	sheet
337.	$ .06
337 L.	.10
337-1.	.05
1 L.	.09
2.	.05
2 L.	.08
3.	pad 1.15

†For description of the article see pages 3a to 3w.

Cat. Page 44.

	hund.	doz.
342 B	$ 2.75	$ .40
342 C	4.00	.60

Cat. Page 45.

†343 A	$ 2.10	$ .30
†343 B	1.80	.25
344 A	2.50	.35
348	3.00	.45

Cat. Pages 46 and 47.

Federal Aid Sheets	hund.
346-1 P	$8.50
1 C	77.00
2 P	8.50
2 C	77.00
3 P	8.50
3 C	77.00
4 P	8.50
4 C	77.00

Cat. Page 48.

	each
340	$ .50
341½ I. In lots of 2	4.10
341½	2.10

Cat. Page 49.

	each
341 I In lots of 2	$4.25
341	2.25

Standard Documents	each
349 A	$ .25
B	.05
C	.05
D	.05
E	.05
S	.40

Cat. Page 50.

Profile and Cross Section Books and Blocks		each
350.	12	$5.25
	25	7.50
	50	12.00
351.	12	5.25
	25	7.50
351 M.	25	5.25
	50	7.50

Cat. Page 51.

	pad
353 A	$ .50
353 B (old 195½ P)	.60
353-8 (old 8072)	.45
353-10 (old 8076)	.45

Cat. Pages 52 to 61-B.

Loose Leaf Binder	each
†N 356	$1.00

Loose Leaf Co-Ordinate Paper

	mille	hund.
358- 1 (old N 354-9 G)	$12.00	$1.40
2	12.00	1.40
3 (old N 354-8 G)	12.00	1.40
3 L	19.00	2.25
5 (old N 354-1 G)	12.00	1.40
5 L	19.00	2.25

Cat. Pages 52 to 61-B.

	mille	hund.
358- 6 (old N354-2G)	$12.00	$1.40
8 (old N354-6G)	12.00	1.40
9 (old N354-7G)	12.00	1.40
11 (old N354-3G)	12.00	1.40
†12	12.00	1.40
14 (old N 354-4 G)	12.00	1.40
14 L	19.00	2.25
15 (old N 354-5 K)	12.00	1.40
20	12.00	1.40
21	12.00	1.40
30 (old N354-20G)	12.00	1.40
31 (old N354-21 G)	12.00	1.40
32	12.00	1.40
35	12.00	1.40
40	12.00	1.40
†41	12.00	1.40
†44	12.00	1.40
50 (old N354-41 G)	12.00	1.40
52	12.00	1.40
52 L	19.00	2.25
60 (old N354-42 G)	12.00	1.40
62	12.00	1.40
62 L	19.00	2.25
63	12.00	1.40
70 (old N354-43 G)	12.00	1.40
71	12.00	1.40
72	12.00	1.40
72 L	19.00	2.25
73 L	19.00	2.25
†N80 (old N354-44 G)	12.00	1.40
82	12.00	1.40
92	12.00	1.40
97 L	19.00	2.25
100 (old N354-51 G)	12.00	1.40
103	12.00	1.40
110 (old N354-52 G)	12.00	1.40
110 L	19.00	2.25
111	12.00	1.40
120 (old N354-53 G)	12.00	1.40
125 L	19.00	2.25
130	12.00	1.40
132 L	19.00	2.25
134	12.00	1.40
136	12.00	1.40
†140 L	19.00	2.25
†141L(oldN354-30G)	19.00	2.25
†142	12.00	1.40
†143 L	19.00	2.25
†150 L	19.00	2.25
†151 L	19.00	2.25
160	12.00	1.40
170 (old N354-32G)	12.00	1.40
171	12.00	1.40
175	12.00	1.40
180	12.00	1.40
190 (old N354-34G)	12.00	1.40
192	12.00	1.40
195	12.00	1.40
200 L	19.00	2.25
205 L	19.00	2.25
220 (old N354-36 G)	9.80	1.20
221 (old N354-35 G)	9.80	1.20
226 (old N354-0)	5.00	.60

†For description of the article see pages 3a to 3w.

Cat. Pages 52 to 61-B.

Loose Leaf Co-Ordinate Paper

	mille	hund.
359- 1 (old N355-9R)	$10.60	$1.25
2	10.60	1.25
3 (old N355-8R)	10.60	1.25
3 L	17.00	2.00
5 (old N355-1R)	10 60	1.25
5 L	17.00	2.00
6 (old N355-2R)	10.60	1.25
8 (old N355-6R)	10.60	1.25
9 (old N355-7R)	10.60	1.25
11 (old N355-3R)	10.60	1.25
11K (oldN355-3K)	10.60	1.25
†12	10.60	1.25
†12G	10.60	1.25
14 (old N355-4R)	10.60	1.25
14 L	17.00	2.00
20	10.60	1.25
21	10.60	1.25
30 (old N355-20R)	10.60	1.25
31 (old N355-21R)	10.60	1.25
†31½		each .05
	mille	hund.
32	10.60	1.25
35	10.60	1.25
40	10.60	1.25
41	10.60	1.25
†44	10.60	1.25
50 (old N355-41R)	10.60	1.25
52	10.60	1.25
52 L	17.00	2.00
60 (old N355-42R)	10.60	1.25
62	10.60	1.25
62 L	17.00	2.00
63	10.60	1.25
70 (old N355-43R)	10.60	1.25
71	10.60	1.25
72	10.60	1.25
72 L	17.00	2.00
73 L	17.00	2.00
†N80 (old N355-44R)	10.60	1.25
82	10.60	1.25
92	10.60	1.25
97 L	17.00	2.00
100 (old N355-51R)	10.60	1.25
103	10.60	1.25
110 (old N355-52R)	10 60	1.25
110 L	17.00	2.00
111	10.60	1.25
120 (old N355-53R)	10.60	1.25
125 L	17.00	2.00
130	10.60	1.25
132 L	17.00	2.00
134	10.60	1.25
136	10.60	1.25
140 L	17.00	2.00
141L(oldN355-30R)	17.00	2.00
142	10.60	1.25
143 L	17.00	2.00
150 L	17.00	2.00
151 L	17.00	2.00

Cat. Pages 52 to 61-B.

	mille	hund.
359-160	$10.60	$1.25
170 (old N355-32R)	10.60	1.25
171	10.60	1.25
175	10.60	1.25
180	10.60	1.25
190 (old N355-34R)	10.60	1.25
192	10.60	1.25
195 (old N355-58R)	10.60	1.25
200 L	17.00	2.00
205 L	17.00	2.00
226 (old N355-0)	4.10	.50

Cat. Pages 62 to 69.

Engineer's Field Books	doz.	each
360	$13.85	$1.25
361	12.60	1.10
361 S	12.60	1.10
360-1	13.85	1.25
363	13.85	1.25
363-1	13.85	1.25
364	13.85	1.25
365	13.85	1.25
366	12.60	1.10
370	12.00	1.05
371	10.80	.95
370-1	12.00	1.05
373	13.85	1.25
374	12.00	1.05
375	17.00	1.50
375 S	13.85	1.25
376	20.15	1.75
380	17.00	1.50
385	20.15	1.75
360 A	10.25	.90
361 A	8.90	.80
361 SA	8.90	.80
363 A	10.25	.90
364 A	10.25	.90
365 A	10.25	.90
366 A	8.90	.80
370 A	8.60	.75
371 A	7.90	.70
373 A	9.55	.85
374 A	8.60	.75
375 A	13.20	1.15
375 SA	10.25	.90
376 A	14.50	1.25
380 A	13.20	1.15
385 A	14.50	1.25
361 D	18.00	1.55
363 D	19.20	1.65
366 D	18.00	1.55
371 D. discontinued		
395		.20

Cat. Page 70.

	each
389	$2.40
390	2.40
391	.45
392	.45
	sets
N 361 L	$ .50
N 363 L	.50

†For description of the article see pages 3a to 3w.

Cat. Page 70.

Engineer's Field Books	sets
N 366 L	$ .50
N 374 L	.50
N 375 SL	.50
N 371 L	.50
†N361½L	.50
†N363½L	.50

Cat. Pages 84 to 86.

Paragon Instruments	each
601	$6.00
603 H	11.50
604 H	9.25
605 H	9.25
605½ (old 611)	12.00
606	5.50
607	6.00
608	6.50
610	11.50
610 R	11.50
610 H	13.50
610 HD	18.50
610 K	14.00
612	16.00
†612 K	18.50

Cat. Page 87 to 89.

	each	case
431	$11.25	$2.50
435	17.75	2.25
437	27.25	2.75
439	28.00	2.75
440	33.00	

Cat. Page 90.

	each	case
453	$6.00	$2.00
453 K	8.40	2.00
454	7.50	2.00
454 K	9.90	2.00
460½	3.75	
461½	4.25	
462½	4.00	

Cat. Page 91.

	each	case
476	$ 4.00	
477	5.00	
478	4.60	

Cat. Page 92.

	each	case
480	$ 3.00	
†480X	3.60	
481	4.00	
†481X	4.60	
482	3.75	
†482X	4.35	
481 K	6.50	
480½	3.20	
481½	4.20	
482½	3.95	
†483C		2.90
†483½C		2.90

Cat. Page 93 and 94.

	each	case
485	$ 4.00	
486	5.00	
487	4.75	
486 K	7.50	
†488C		2.90
491	23.00	

Cat. Page 95.

	each	case
500	$ 17.80	$4.20
500 & 503		5.40
501	19.50	4.50
501 & 503		5.40
502	29.00	7.80
502 & 504		8.20
503	4.25	
504	4.25	
506	88.00	

Cat. Page 96.

	each	case
509	$14.00	$4.10
509½	4.00	
509 & 509½		5.60
510	17.75	4.25
511	4.00	
510 & 511		5.60

	each
2280-24	.75
30	.90
36	1.10
42	1.30
48	1.60
60	2.00
2282-24	.75
30	.90
36	1.10
42	1.30
48	1.60
60	2.00

Cat. Page 97.

	each
520	$2.00
520 A	2.00
521	2.20
521 A	2.20
521½	2.50
521½ A	2.50
522	2.25
†522X	2.75
522 A	2.25
523	2.50
†523X	3.00
523 A	2.50
523½	2.75
†524X	3.25
523½ A	2.75
†525	2.75
522 K	4.75
522 KA	4.75
523 K	4.90
523 KA	4.90
524 K	5.00
524 KA	5.00

†For description of the article see pages 3a to 3w.

Cat. Pages 98 to 100.

Paragon Instruments	each
526	$2.75
526 A	2.75
527	3.40
527 A	3.40
528	3.40
528 A	3.40
530	3.60
530 A	3.60
535	5.00
535 A	5.00
536	6.50
536 A	6.50
537	3.00
537 A	3.00
538. discontinued	
538 A. "	
539	3.50
539 A	3.50
543	4.75
543 A	4.75
†N 545	6.50
†N 545 A	6.50
551	7.00
551 A	7.00
556	1.40
556 A	1.40

Cat. Pages 101 and 102.

	each
690	1.85
695	2.70
696	3.00
697	7.50
558-1	3.00
558 A-1	3.00
558-2	3.25
558 A-2	3.25
558-3	3.50
558 A-3	3.50
559	.50

Cat. Pages 103 to 114.

	set
619	$18.50
622-1	17.00
622-2. discontinued	
623-1	30.25
623-1 C	31.25
623-3	34.20
623-3 C	36.20
624	37.00
†624 X	41.00
624 C	40.00
624 H	39.00
624 HC	42.00
624 A	36.75
624 AC	39.75
624½	40.50
624½ C	43.50
N 625	66.00
N 625 C	69.00
†625½	62.00
†625½ C	65.00
628	98.25
628 C	101.25

Cat. Pages 103 to 114.

	set
N 630	$139.25
N 630 C	142.25
N 633	405.00

Cat. Page 115.

Parts for Paragon Instruments	each
Pen Legs, for Compasses	$2.80
Pencil Legs, Needle Legs for Compasses	2.10
Pen Legs for Beam Compasses	2.10
Pencil Legs, Needle Legs for Beam Compasses	1.60
Lengthening Bars for Compasses	1.90
Ebony Handles for Drawing Pens Nos. 520 to 558-3	.25
Ebony Handles for Drawing Pens Nos. 690 to 697	.45
Aluminum Handles for Drawing Pens	.25
Ivory Handles for Drawing Pens	$ .50 to .75
Nickel Silver Handles for Compasses, Dividers and Bow Instruments	.20
Screw Bars for Sidescrew Bows	.15
Adjusting Nuts for Sidescrew Bows	.20
Center Screws and Nuts for Bows with Central Thumbscrew	.60
Clampscrews and Adjusting Thumbscrews	.25
Nuts	.20
Shouldered Needles	.20

Cat. Pages 117 to 120.

Pharos Instruments	each
650	$6.40
651	7.60
643	6.20
646	3.20
648	4.00
659	.40
665	2.60
666	3.60
667	2.90
664	4.20
522	2.25
523½	2.75
677	2.50

Cat. Pages 121 to 129.

	set
680	$11.65
682	14.85
683. discontinued	
683½. "	
684	18.50
684½	21.50
685	23.90
685½	24.25
686	27.00
686½	27.50
688	36.50
†688½	42.20

†For description of the article see pages 3a to 3w.

Cat. Pages 131 to 135.

Key Instruments	each
N 843	$6.80
N 850	7.50
N 851	8.50
N 859	.35
N 846	3.50
N 848	4.20
N 860	1.90
N 861	2.50
N 862	2.40
N 863	3.10
N 864	3.50
N 865	2.75
N 866	4.00
N 867	3.90
N 872	1.40
N 874	1.50
N 872 K	4.00
N 874 K	4.10
N 875	1.80
N 877	2.10
N 854	12.25
N 858	9.25
Case for N 858	1.65

Cat. Pages 136 to 143.

	set
N 890	$10.65
N 892. discontinued	
N 894	16.75
N 894 C	18.25
N 894½	19.25
N 894½ C	22.25
N 895. discontinued	
N 895 C. "	
N 895½	21.25
N 895½ C	25.10
N 896	23.50
N 896 C	27.35
N 896½	24.40
N 896½ C	28.25
†N 898½	37.50
†N 898½ C	41.35

Cat. Pages 145 to 147.

Anvil Instruments	each
N 943	$4.80
N 950	5.00
N 946	2.30
N 948	2.80
N 972	.80
N 974	.90
N 960	1.25
N 961	1.80
N 962	1.70
N 965	1.80
†N 966	2.90
†N 967	2.80

Cat. Pages 148 to 153.

	set
N 983	$8.00
N 990	6.85
N 992	9.25
N 994	11.15
N 994 C	12.25
N 994½	12.85
N 994½ C	15.05

Cat. Pages 148 to 153.

	set
†N 995	$13.65
†N 995 C	15.85
N 995½	14.10
N 995½ C	16.85
N 996	15.40
N 996 C	18.20

Cat. Pages 155 to 156.

Special Arrow Instruments	each
E 1050	$5.40
E 1046	2.50
E 1048	3.60
1059	.15
1059½	.25
E 1065	2.10
E 1066	2.75
E 1067	2.50
E 1072½	1.25
E 1074½	1.35

Cat. Pages 157 to 164.

	set
E 1080. discontinued	
E 1082. "	
E 1083	11.00
E 1083½	13.65
E 1084	13.60
E 1084½	16.25
E 1085	17.50
E 1085½	18.50
E 1086	21.00

Cat. Pages 166 to 167.

Arrow Instruments	each
1050	$4.50
1046	1.80
1048	2.75
1059	.15
1059½	.25
1060	1.50
1061	2.10
1062	1.90
1072	.70
1074	.75

Cat. Pages 168 to 176.

	set
1030 (old 800)	$4.50
1031 (old 801)	6.00
1080	6.60
1082	8.25
1083	8.50
1083½	10.35
1084	10.20
1084½	12.00
1085	13.10
1085½	13.50
1086	15.50

Cat. Page 177.

Repair Parts for Key Instruments	each
879- 1	$ .15
2	.25
2 A	.25
3	.12
4	.12
5	.12

†For description of the article see pages 3a to 3w.

Repair Parts for Key Instruments	each
879- 6 to 14	$ .12
†15	1.20
†16	1.50
†17	1.00
†18	1.20
†19	1.50
†20	.20
†21	.20
†22	.45

Repair Parts for Anvil Instruments	each
979- 1	$ .15
2	.25
2 A	.25
3 to 10	.12
11	.10
12	.10
13	.12
14	.12
†15	1.00
†16	1.20
†17	.85
†18	1.00
†19	1.20
†20	.15
†21	.15

Repair Parts for Pharos Instr.	each
679- 1	$ .40
2	.60
2 A	.60
3	.20
4	.20
5	.20
6	.20
7	.20
8	.20
9	.20
10	.20
11	.12
12 A	.12
12 B	.12
12 C	.12
12 D	.12
13 A	.20
13 B	.20
14	.20
15	.30
16	.20

Repair Parts for Arrow Instr.	each
1079- 1	$ .35
2	.25
2 A	.25
3 (For 1074½ only)	.12
†3½ (For 1074 only)	.12
4 (For 1072½ only)	.12
†4½ (For 1072 only)	.12
5	.12
6	.12
7	.12

Repair Parts for Arrow Instruments	each
1079- 8	$ .12
9	.12
10	.12
11	.10
12 A	.12
12 B	.12
12 C	.12
12 D	.12
13 A	.15
13 B	.15
14	.25
15	.15
16	.15

Cat. Page 178.

Proportional Dividers	each
1092	$3.75
1093	4.75

Cat. Pages 180 and 181.

Cases for Drawing Instruments	each
1100 (old N 990)	$ 9.00
1101 A (old 993)	8.00
B	8.60
C	11.30
E	22.00
F	26.00
1102 A (old 996)	3.20
B	4.00
C	4.20
D	4.40
E	4.60
F	4.80
G	5.60
H	6.40
1103 A (old 998)	4.00
B	5.00
C	5.30
D	5.50
E	5.80
F	6.00
G	7.00
H	8.00

Cat. Pages 183 to 189.

Pantographs	each
1122	$215.00
1123	225.00
1124	discontinued
1124 C	326.00
1129	127.50
1130	140.00
1131	145.00
1132	61.00
1134	68.00
1136 (old 1127)	156.00
1143	5.50
1144	3.30
1148	2.00
1149	1.60

†For description of the article see peges 3a to 3w.

Cat. Pages 183 to 189.

Pantographs	each
1160	$20.00
1166	3.00
N1166C	3.50
1179	17.50
1181	19.00

Cat. Page 190.

Protractors	each
1200	$140.00

Cat. Page 191.

	each
1221½	$28.50
1221½ M	32.50
1222½ T	37.50
1222½ TM	41.75

Cat. Page 192.

	each
1225	$21.00
1225 M	24.25
1226	26.75
1226 M	30.50
1226 T (old 1228)	29.50
1226 TM (old 1228 M)	34.75
1226½	26.75
1226½ M	30.50
1227½	30.50
1227½ M	34.75
1234	19.00
1234 M	21.00

Cat. Page 194.

	each
1235	$9.00
1241	4.00
1242	5.35
1243	6.25
1245	2.20
1246	3.25
1247	4.20
1248	4.50
1250	6.50

Cat. Page 195.

	each
1251	$14.00
1253	10.00
1253 C	2.50

Cat. Page 196.

	each
N1258	$ .90
1260	.50
1261	.85
1263	1.25
1265. discontinued	
†1265½	.10
1266	.40
1267	.80
1270	.20
1271	.40
1255	2.75

Cat. Page 197.

	each
1866-6	$ .60
1867-5	.60
7	1.25
1868-4	.35
5	.45
6	.50

Cat. Page 197.

	each
1868- 8	$1.00
10	1.80
1869	2.50
1870	3.40
1871	4.50
1872	6.00
1873	8.00

Cat. Page 198.

	each
N 1305	$3.50
1875	4.50
1294	.30
1295	.40
1296	.20
1297	.10

Cat. Page 201.

Scales	each
1390 P	$1.10
1391 P	1.85
1391 PA	1.85
1391 PB	1.85
1392 P	2.00
1394 P	4.50
1396 P	1.85
1391 PR	1.85
1393 PR	1.85

Cat. Page 202.

	each
1397 P-1	$2.00
1397 P-2	1.85
1397 P-3	3.85

Cat. Page 203.

	each
1399 P	$2.00
1400 P	3.00
1402 P	7.00
1410 P	1.10
1411 P	1.10
1412 P	1.10
1413 P	1.55
1415 P	1.85
1416 P	1.85
1417 P	1.85
1418 P	2.20

Cat. Page 204.

	each
1415 PR. to order only	$1.85
1416 PR. " " "	1.85
1417 PR. " " "	1.85
1418 PR. " " "	2.20
1453 PR	1.85
†1456 PR	1.85
1419 P	2.00
1420 P	2.00
1425 P. to order only	1.85
1426 P. " " "	1.85
1427 P. " " "	1.85
1428 P. " " "	2.20
1430 P	1.10

Cat. Page 205.

	each
1460 P	$1.10
1461 P	1.55
1462 P	1.85
1463 P	3.30
1472 P	1.85

†For description of the article see pages 3a to 3w.

Cat. Page 205.

Scales	each
1473 P	$3.30
1482 P	2.20
1486	2.70
1486½	2.70
1487	3.50
1487½	3.50

Cat. Page 206.

	each
1390	$ .75
1391	1.10
1396	1.10
1399	1.10
1400	1.80

Cat. Page 207.

	each
1410	$ .75
1411	.75
1412	.75
1415	1.10
1416	1.10
1417	1.10
1419	1.10
1420	1.10
1450	1.10
1452	1.10
1453	1.10
1454	1.10
1480	.75
1481	1.10

Cat. Page 208.

	each
1460 (old 1530)	$ .75
1461 (old 1540)	1.00
1462 (old 1550)	1.10
1463 (old 1560)	2.20
1605	.50
1606	.75
1609	1.35

Cat. Page 209.

	set
1575 P	$11.50
1576	13.20
1576 P	19.25
1577 P	27.00
1584 P	12.00
1592 P	16.00
1593 P	20.00
1598	11.50
1598 P	16.00

Cat. Page 210.

	each
1620 P	$2.50
1621 P	3.60
1622 P	3.60
1623 P	7.50
1624 P	9.50
1630 P	2.50
1631 P	3.60
1632 P	7.50
1633 P	9.50
1634 P	4.20
1645 P	3.30
1655 P	4.20
1665 P	8.25

Cat. Page 211.

	each
1620 W	$2.10
1621 W	3.30
1622 W	3.30
1630 W	2.10
1631 W	3.30
1620	.90
1621	1.20
1621 M	1.20
1622	1.20
1630	.90
1631	1.20
1634	1.65

Cat. Page 212.

	each
1645	$1.30
1655	1.65
1665. to order only	4.50
1619 A	.45
1619 B	.60
1619 C	.80
1619 D	1.00
N 1691	.30

Cat. Page 213.

	set
1675	$1.10
1677	1.10
	each
Separate Scales for 1675-1677	$ .20
1677 T	.20
1678	.30
1679	.20

Cat. Page 214.

Map Measures	each
1692	$3.00
1694 A	2.45
1694 B	2.45
1695	4.50

Cat. Page 215.

Shrinkage Rules	each
1700	$4.40
1701	4.40
1701½	4.40
1702	4.40
1702½	4.40
1705	4.40
1720	19.50
1721	4.20
1722	2.00

Cat. Page 216.

Folding Rules	doz.	each
1730-2. discontinued		
3. "		
4	$3.50	$.40
5	4.10	.45
6	4.70	.50
8. discontinued		
5 F. "		
6 F. "		
4 D. "		
6 D. "		

Cat. Page 216.

Folding Rules

		doz.	each
1732-4 M.	discontinued		
1740-2.	"		
3.	"		
4		$3.80	$.40
5		4.50	.50
6		5.20	.55
8.	discontinued		
4 D.	"		
6 D		5.20	.55
1742- M.	discontinued		

Cat. Page 217.

Parallel Rules

	each
1753	$30.00
1754	38.00
1754 H	62.00
1756	15.00
1758	20.00

Cat. Page 218.

	each
1780	$1.25
1782	1.75
1783	1.90
1784	2.75
1785	4.00
1796	7.25
1797	8.25
1798	9.75

Cat. Pages 219 and 220.

Xylonite Triangles

		each
1855.	4 in	$ .30
	6 "	.40
	7 "	.45
	8 "	.50
	9 "	.65
	10 "	.75
	12 "	1.05
	14 "	1.70
	16 "	2.40
	18 "	3.40
1855-1.	4 "	.40
	6 "	.50
	8 "	.65
	10 "	.95
	12 "	1.25
1856.	4 "	.35
	6 "	.45
	7 "	.55
	8 "	.70
	9 "	.80
	10 "	.95
	12 "	1.55
	14 "	2.40
	16 "	3.40
	18 "	4.90
		set
1857 A		$4.00

Wood Triangles

	each
2110	$ .40
2111	.50

Cat. Page 220.

Wood Triangles

	each
2112	$ .70
2120	.40
2121. discontinued	
2122	.70

Cat. Page 220.

	each
†1859	$1.10
1859-2	.80
1859-3	.75

Cat. Page 221.

Ellipses

	each
1862	$5.50
1862 B	4.30
C	4.30
D. to order only	9.20
	set
N 1863	$6.00

Cat. Pages 222 and 223.

Irregular Curves

		each
1860.	1	$ .55
	2	.55
	3	.70
	4	.70
	5	.55
	6	.45
	7	.40
	8	.25
	9	.25
	10	.20
	11	.20
	12	.25
	13	.70
	14	.40
	15	.50
	16	.45
	17	.55
	18	.50
	19	.70
	20	.70
	21	.65
	22	.45
	23	.55
	24	.85
	25	.45
	26	.55
	27	1.30
	29	1.60
1861		2.40
Book 117		.20

Cat. Pages 224 and 225.

Xylonite Ship Curves

		each
1864.	31	$1.50
	32	1.50
	33	1.50
	34	1.50
	35	1.50
	36	1.50
	37	1.50
	38	1.50
	39	1.50

†For description of the article see pages 3a to 3w.

Cat. Pages 224 and 225.

Xylonite Slip Curves

		each
1864.	40	$1.50
	41	1.50
	42	1.50
	43	1.50
	44	1.50
	45	1.50
	46	1.50
	47	1.50
	48	1.20
	49	.90
	50	.90
	51	.90
	52	.80
	53	.80
	54	1.20
	55	.80
	56	1.50
	57	.90
	58	.90
	59	.90
	60	.80
	61	.90
	62	.90
	63	.90
	64	.90
	65	.90
	66	.65
	67	.65
	68	.65
	69	.65
	70	.65
	71	.65
	72	.65
	73	.65
	74	.65
	75	.65
	76	.65
	77	.65
	78	.65
	79	.65
	80	.65
	81	.65
	82	.65
	83	.65
	84	.65
	85	.65
	86	.65
	87	.80
	88	.90
	89	.90
	90	.80
	91	.80
	92	.65
	93	.65
	94	.60
	95	.65
	96	.65
	97	.65
	98	.75
	99	.65
	100	.65

Cat. Pages 224and 225.

		each
1864.	101	$ .65
	102	.50
	103	.55
	104	.50
	105	.55
	106	.65
	107	.65
	108	.65
	109	.80
	110	.90
	111	.65
	112	.80
	113	.65
	114	.55
	115	.65
	116	.65
	117	.60
	118	.40
	119	.60
	120	.60
	121	.50
	122	.50
	123	.40
	124	.40
	125	.40
	126	.40
	127	.40
	128	.50
	129	.65
	130	.65
	131	.65
	132	.65
	133	.65
	134	.65
	135	.65
	136	.60
	137	.50
	138	.65
	139	.65
	140	.65
	141	.65
	142	.65
	143	.60
	144	.65
	145	.65
	146	.65
	147	.65
	148	.65
	149	.65
	150	.65
	151	.65
		set
1865 S		$84.00

Cat. Page 226.

Adjustable Curve Rules

		each
N 2174.	12	$2.25
	18	3.25
	24	5.50
	30	6.50
2175		2.25

Cat. Page 226.

Adjustable Curve Rules

		each
2176		$3.75
2179.	7	.45
	15	.98
	31	1.87

Cat. Page 227.

Splines and Spline Weights

		each
N 2184.	24 in. (old 1859 B)	$ .70
	30 "	.80
	36 "	.85
	42 "	.90
	48 "	1.10
2186		2.40
2186-1		4.25

Wooden Railroad Curves

	set
2204	$36.00
	each
2203	.80

Cat. Pages 228 and 229.

Xylonite Railroad Curves

	set
1891	$18.50
1891 A	32.50
1891 B	52.00
1891 C	65.00
1891 D	49.00
1891 E	65.00
	each
1891 F	$1.50
N 1891 G	1.70
N 1891 H	1.70
1891½ F	3.00
1891½ G	3.40
1891½ H	3.40

Cat. Page 230.

Xylonite Straightedges

		each
1886.	18	$1.40
	24	1.90
	30	2.40
	36	2.80
	42	3.60
	48	4.20
	54	5.00
	60	6.20

Wood Straightedges

		each
2260.	24	$1.00
	30	1.25
	36	1.50
	42	1.85
	48	2.20
	60	3.00
	72	3.75
	84*	5.00
	96*	6.75
	120*	10.50

Cat. Page 230.

Bars for Beam Compasses

		each
2280.	24	$ .75
	30	.90
	36	1.10
	42	1.30
	48	1.60
	60	2.00
2282.	24	.75
(for	30	.90
Nos.	36	1.10
510	42	1.30
and	48	1.60
N854).	60	2.00

Cat. Pages 231 and 232.

Wooden T Squares

		each
2300.	15	.60
	18	.65
	21	.70
	24	.80
	30	.95
	36	1.15
	42	1.40
	48	1.70
2330.	24	1.20
	30	1.50
	36	1.80
2360.	24	1.45
	30	1.70
	36	2.00
	42	2.45
	48	2.90
	60	4.50
	72	5.90
N 2400.	36	3.60
	42	4.10
	48	5.00
	54	6.70
N 2410.	24	1.75
	30	2.20
	36	2.50
	42	2.85
1887.	15	1.80
	18	2.10
	24	2.50
	30	2.90
	36	3.20
	42	3.80
	48	4.50
	54	6.00
	60	7.70
	72	10.40
1888.	15	2.80
	18	3.25
	24	3.90
	30	4.35
	36	4.80
	42	5.40
	48	6.30
	54	7.80
	60	9.50
	72	13.00

*To order only.

Cat. Page 233.

Centrolineads

	each
N 2450	$17.00
2451	5.40

Cat. Page 234.

Metal Triangles

		each
2002.	10½	$8.75
	15	13.25
2003.	8	8.75
	12	13.25

Metal Straightedges

		each
2020.	24	$5.10
	30	6.60
	36	8.25
	42	9.90
	48	12.10
	60	16.50
2030.	15	3.50
	18	4.20
	24	6.00
	30	8.25
	36	10.50
	42	13.75
	48	16.50
	54	20.00
	60	24.00
	72	31.00

N. S. Straightedges

		each
2035.	30	$9.00
	36	11.00
	42	13.00
2035 D	per foot	1.65

Cat. Page 235.

Steel T Squares

		each
2045.	24	$10.00
	30	11.80
	36	13.50
	42	15.20
2050.	24	16.20
	30	19.60
	36	23.00
	42	26.00
2060.	8	3.75
	12	6.00
2065.	8	6.00
	12	9.00

Cat. Pages 237 to 239.

Print Frames

	Frame only
2456 E	$30.50
G	36.50
H	45.50
L	55.00
2457 A	11.50
C	16.00

Print Frames on Carriages

2462 G	$102.00
H	117.00
L	126.00
2463 H	126.00
L	144.00

Cat. Pages 237 to 239.

Polished Plate Glass

	each
2458 E	$6.00
G	9.00
H	15.00
L	20.00

We insure plate glass against breakage for consignee's account, unless instructed not to insure.

Double Thick Glass

	each
2459 A	$1.20
C	2.00
E	2.80
G	3.40

Felt Pads

2461 A	$1.50
C	2.80
E	4.00
G	6.00
H	10.60
L	14.50

Cat. Page 240.

Bath Trays

	each
2480 E	$10.00
G	12.40
H	18.40
L	23.00
2484 A	4.10
C	5.50
E	8.00
G	11.00

Cat. Page 242.

K & E Drawing Boards

	each
2505	$1.70
2506	2.20
2506½	2.60
2507	3.20
2508	4.40
2508½	7.10
2509	6.60
2510	8.80
2520	2.90
2521	4.10
2522	5.20
2522½	8.00
2523	9.30

Cat. Page 243.

2531	6.60
2532	9.75
2533	15.75
2534	22.50
2535	28.00

Cat. Page 244.

2538 A.	31 × 42	14.00
B.	33 × 55	20.00
BS.	36 × 48	21.00
C.	36 × 60	25.00
D.	36 × 72	27.00
DS.	42 × 60	28.50

Cat. Page 244.

K & E Drawing Boards each

2538 E.	42 × 72		$32.00
F.	42 × 84		38.00
H.	48 × 72		43.00
I.	48 × 84		50.00
K.	48 × 96		84.00
M.	48 ×120		116.00
R.	60 × 96		129.00
S.	60 ×120		144.00

Cat. Pages 245 and 246.

Parallel Attachments set

N 2545.	38 in.		$ 8.75
	44 "		10.00
	52 "		13.00
	58 "		15.50
†N 2545 T	38 in.		10.25
	44 "		11.75
	52 "		15.00
	58 "		17.75
			each
†2545K.			.25
			spool
2546.			$4.50
			set
2547 A.			$4.50
B.			4.50
C.			6.00
D.			6.00
†H,			6.00
			each
2548.	For boards	31 in.	$1.15
	"	42 "	1.80
	"	55 "	2.60
	"	60 "	3.25
	"	72 "	4.00
2548 T.	For boards	31 in.	1.80
	"	42 "	2.70
	"	55 "	3.75
	"	60 "	4.50
	"	72 "	5.50
2549.	For boards	26 in.	2.20
	"	31 "	2.80
	"	42 "	4.50
	"	48 "	7.20
	"	55 "	8.10
	"	60 "	8.75
	"	72 "	11.00
	"	84 "	14.40
	"	96 "	19.00
2549 T.	For boards	26 in.	2.65
	"	31 "	3.25
	"	42 "	5.25
	"	48 "	8.10
	"	55 "	9.00
	"	60 "	9.75
	"	72 "	12.25
	"	84 "	16.00
	"	96 "	21.00
			spool
2546.			$4.50

Cat. Page 247.

Trestles each

2551 A.	$4.50
B.	6.30
C.	1.70
D.	3.50

Cat. Page 248.

Popular Drawing Tables each

†2553-2.	$15.00
3.	17.00
4.	22.75
5.	23.75

Cat. Pages 249 and 250.

Drawing Tables each

2554.	$41.50
2555.	26.00
2556.	32.00
2556½.	36.50
2558.	19.00
2559.	22.00
2559½.	24.00

Cat. Page 251. each

2560.	$21.00
2560-1.	26.00
2561.	22.00
2561-1.	27.00
2561-2.	32.00
Casters, extra. set	.65

Cat. Pages 253 and 254.

Favorite Drawing Tables each

2571.	$30.00
2571-1.	36.00
2.	40.50
3.	44.00
4.	48.50
5.	53.50
2576.	37.00
2576-1.	43.00
2.	47.50
3.	51.00
4.	55.50
5.	60.50

Cat. Pages 255 to 258. each

American Eagle Drafting Tables

2590 A.	$69.00
B.	75.00
BS.	76.00
C.	80.00
D.	87.00
DS.	88.50
E.	92.00
F.	98.00
H.	103.00
I.	110.00
K.	158.00
M.	190.00
Access. A.-3.	8.00
AO.-3.	13.00
B.-3.	19.00

Fulton Drafting Tables each

†2592 A.	$33.00
B.	35.00
C.	37.00
D.	39.00

†For description of the article see pages 3a to 3w.

Cat. Pages 256 to 258.

Hudson Drawing Tables each

2599 F to 2599½ S. discontinued	
†D2593 R.	$43.00
†D2593 RH.	65.00
†D2593RK.	90.00
†D2594 R.	47.00
†D2594 RH.	69.00
†D2594RK.	94.00
†D2593½ R.	46.00
†D2593½ RH.	68.00
†D2593½RK.	93.00
†D2594½ R.	50.00
†D2594½ RH.	72.00
†D2594½RK.	97.00
†D2595T.	67.00
†D2595P.	41.00
†D2595½T.	70.00
†D2595½P.	44.00
†D2596T.	82.00
†D2596 P.	55.00
†D2596½ T.	85.00
†D2596½ P.	58.00
†D2596 T with D2598B.	111.00
†D2596½ T with D2598B.	114.00

Chest of Drawers each

†D 2598A.	$27.00
B.	29.00
D.	7.00
E.	6.00
F.	12.00

Cat. Page 259.

Chests of Drawers each

2597 B.	$75.00
D.	21.00
E.	17.00

Cat. Page 260.

Tacks	doz.
2622.	$ .95
2624.	1.15
2626.	1.35

	gross	doz.
2640.	$3.30	
2641.	3.50	
2642.	4.00	
2643.	3.80	$ .40
2644.	4.25	.45
2645.	4.50	.50
2650.	3.25	
2651.	3.50	
2652.	3.75	
2653.	3.75	.40
2654.	4.00	.45
2655.	4.25	.50
2660.	.55	
2661.	.65	
2662.	.80	
2663.	1.00	.10
2664.	1.10	.12
2665.	1.20	.14

Cat. Page 261. box

2677.	$ .60
2678.	.70
2679.	.80
2677½.	$. 10
2677 N.	.70
2678 N.	.85
2679 N.	1.00
	card
2677 C.	.10
2678 C.	.12
2679 C.	.15
2677 NC.	.12
2678 NC.	.14
2679 NC.	.17

Tack Lifter each

2680.	$ .30

Horn Centers each

2690.	$ .15
2691.	.60

Cat. Page 262.

Paper Cutters each

2701.	$ .65

Weights each

2705.	$1.50
2706.	1.80
2710.	1.65
2715.	1.00

Oil Stones each

2720.	$1.00
2730 N.	.65

Cat. Page 263.

Bourgeois Water Colors each

2914.	$ .45
2915.	.55
2916.	.80
2917.	1.00

Cat. Page 264.

Winsor & Newtons Water Colors

	doz.	each
2920 FP.	$ 4.80	$ .40
2921 FP.	9.00	.75
2922 FP.	11.40	.95
2923 FP.	16.20	1.35
2924 FP.	29.40	2.45
2920 HP.	3.60	.30
2921 HP.	4.80	.40
2922 HP.	6.00	.50
2923 HP.	9.00	.75
2924 HP.	15.00	1.25

Cat. Page 265.

Tin Boxes each

2950.	$1.50
2951.	1.65
2953.	1.80
2954.	2.00
2955.	2.25
2956.	2.50
2958.	2.75

W. & N. Chinese White

	doz.	each
2960-2.	$5.40	$ .45
2960-3.	3.60	.30

†For description of the article see pages 3a to 3w.

Cat. Page 266.

Higgins Inks and Adhesives

		each
2969-2981		$ .25
2969 D-2981 D		2.00
2969 E-2981 E		3.75
2969 F-2981 F		7.25
2985		.35
	D	.55
	E. (16 oz. instead of 14 oz.)	.85
2986		.15
	C	.25
	D	.50
	E	.85
	F	1.50
2987 C		.35
	D	.55

Cat. Pages 267 and 268.

Columbia Inks

	each
3000-3009	$ .25
3000-1	.10
3000 C-3009 C	.90
3000 D-3009 D	1.60
3000 E-3009 E	3.00
3000 F-3009 F	5.75

Cat. Page 269.

	each
N3010	$1.50
3012	.25
3013	.25
3014 W, R, Y	.25

Cat. Page 270.

Inkoff	per outfit
3016	$ .45

Ink Bottle Holder	each
3018	$1.20
3019	.70

Cat. Page 271.

Chinese and India Inks	each
3030 N	$1.00
N-2	.50
3031 V	1.50

Cat. Pages 272 to 276.

	Brushes	each
3102.	8 N	$ .12
	7 N	.11
	6 N	.10
	5 N	.09
	4 N	.09
	3 N	.08
	2 N	.07
	1 N	.06

Cat. Pages 272 to 276.

	Brushes	each
3112.	7 N	$ .85
	6 N	.75
	5 N	.55
	4 N	.40
	3 N	.25
	2 N	.20
	0 N	.15
3120.	0 N	.20
	1 N	.25
	2 N	.30
	3 N	.35
	4 N	.45
	5 N	.60
	6 N	.80
	7 N	1.10
	8 N	1.70
	9 N	2.50
	10 N	3.25
	12 N	4.50
3121.	0 N	.15
	1 N	.18
	2 N	.20
	3 N	.30
	4 N	.40
	5 N	.55
	6 N	.75
	7 N	.95
	8 N	1.20
	9 N	1.45
	10 N	1.90
	12 N	2.40
3132.	1	.10
	2	.11
	3	.13
	4	.14
	5	.15
	6	.16
	7	.19
	8	.26
	9	.30
	10	.35
3133.	0	.20
	1	.25
	2	.30
	3	.35
3136.	1	.50
	2	.60
	3	.70
3137.	1	.50
	2	.60
	3	.70

Cat. Pages 276 and 277.

China and Glassware	each
3150	$ .65
3154	.65
	set
3160	$1.10
3161	1.35
3162	1.60

Cat. Pages 276 to 277

China and Glassware	set
3164	$1.35
3165	1.60
3174	.30
3175. discontinued	
3176	.40
3178	.55
3184. $2\frac{3}{8}$	.20
$3\frac{1}{4}$	.25
3186	.25
3187	.45

Cat. Pages 278 to 280.

Steel Pens & Penholders

	card	box
3200		$ .55
3201	$ .75	
3202		.55
3203	.75	
3204		.55
3205	.75	
		each
3206	1.00	$ .10

	gross	doz. cards	card
3210		$10.00	$1.00
3210 B	$8.00		
3211		12.00	1.20
3212		10.00	1.00
3212 B	7.50		
3213		10.00	1.00
3213 B	7.50		

	gross	doz.
3214	$2.00	$ .20
3215	2.00	.20
3216	1.25	.13

	doz. cards	card
3217	$4.00	$ .40
		each
3220		$ .10
3221		.08

Cat. Page 281.

Payzant Lettering Pens		each
3224.	1-6	$1.20
	0-000	1.50
3224 S.	1-6	1.60
3224.	7-8	2.00
N 3225		8.80
N 3225 S		10.40
3226		1.20

Cat. Pages 283 and 284.

Normograph	each
3251	$ .60
†3252	.60
†3253	.60
3254	.60
3255	.60
3256	.60
3257	.60
3251 L	.60
3252 L	.60
3253 L	.60
3254 L	.60
3255 L	.60
3256 L	.60
3257 L	.60
3261	.70
3263	.70
$3263\frac{1}{2}$	.70
$3265\frac{1}{2}$	.70
$3267\frac{1}{2}$	.70
3261 L	.70
3263 L	.70
$3263\frac{1}{2}$ L	.70
$3265\frac{1}{2}$ L	.70
$3267\frac{1}{2}$ L	.70
3294-1 to 6	.20
3297	.30
3291	.60
3292	.90

Lettering Fountain Pen	each
†3298 H	$2.50
†3298-2	.90
4	.90
5	.90
	set
†3299	5.50

Cat. Page 286.

Pencils and Crayons

Paragon

		gross	doz.
3300.	2 B to 6 H	$6.80	$ .60

Pencil Holders	each
3349	$ .10

Cat. Page 286.

Eldorado

		gross	doz.
3352.	6 B to 9 H	$10.00	$1.00

Cat. Page 287.

Koh-i-noor

		doz.	each
3380.	6 B to 9 H	$1.20	$ .12
3381		1.20	.12
3383		each	.35
3385		box	.60

†For description of the article see pages 3a to 3w.

Cat. Page 287.

Mephisto	doz.	each
3390	$1.00	$ .10
3391	1.00	.10
3392	1.00	.10

Cat. Page 288.

Polychromos

	gross	doz.	each
3395		$1.50	$ .15
3397	$10.00	1.00	.10
3398. Box of 7			.60
Box of 12			1.00

Dixon's "Thinex" Pencils

	gross	doz.	each
†3399. 370 Red	$10.00	$1.00	$.10
370 W White	10.00	1.00	.10
373 Yellow	10.00	1.00	.10
376 Blue	10.00	1.00	.10

Lumber Crayons	doz.
3404. Black	$ .75
Blue	1.00
Red	1.00
3405	1.00

Cat. Page 289.

Erasing Shields	each
3410	$ .20
3411	.30
3412	.15

Alba Rubber	each
3418	$ .05
3419	.09

K & E Pliable Rubber	each
3452. 24	$ .09
20	.10
12	.17
8	.25

Cat. Page 290.

Green and Red Rubbers	each
3455 G. 48	$ .05
36	.07
24	.10
20	.12
12	.20
3455 R. 48	.05
36	.07
24	.10
20	.12
12	.20

Cat. Page 290.

Fabers Erasers

	doz.	each
3456 G-1	$ .55	$ .05
3456 G-2	1.00	.10
3456 R-1	.55	.05
3456 R-2	1.00	.10

Cat. Page 290.

Fabers Erasers

	doz.	each
3457	$1.00	$ .10
3458-1	.55	.05
3458-2	1.00	.10
3459	.55	.05

Art Gum	each
3460 A	$ .05
B	.07
C	.10
D	.17
E	.40

Cat. Page 291.

Steel Erasers	each
3480	$ .85
3481	.60
3485	.75
3486	.50

Pencil Files	each
3488	$ .50

Pencil Pointers	each
3507	$ .15
†N3508	.15

Cat. Page 292.

Pencil Sharpeners	each
3517	$5.00
N 3518	5.50

Cat. Page 293.

Round Writing	each
3520	$1.25
3521	.75
3523	1.00
3524	.50

Cat Pages 294 and 295.

Round Writing Pens

	gross	¼ gross	doz.
3530. 1 to 6	$1.25		
3531. 1 to 6		$ .40	
3532		.60	$ .30
3533		per box	.40
3534		each	.05
3535		box	.25

Lettering and Sign Writer Pens

	¼ gross	doz.
3540-¾	$ .90	$ .40
1	.90	.40
1½	.90	.40
2	.90	.40
2½	.90	.40
3	.90	.40
3542-50		.45
80		.45
120		.45
150		.45
200		.45

	each
3560	$ .10
3561	.10

†For description of the article see pages 3a to 3w.

Cat. Page 296.

Alphabets	each
3570	$2.25
3571	.60

Cat. Pages 299 to 302.

K & E Slide Rules	each
4031 S	$ 5.50
N 4035 S	6.20
N 4041	5.50
N 4041 S	6.35
N 4041 F	12.00
N 4041 FS	12.85
4045	13.00
4045 S	14.50
4051	14.00
4051 S	15.50
N 4053-2 S	6.95
N 4053-3	6.25
N 4053-3 S	7.10
N 4053-3 F	13.50
N 4053-3 FS	14.35
N 4053-5	16.00
N 4053-5 S	17.50
4055	3.50
4058	.75
N 4058 C	1.00
†4058 W	1.25
4088-1 S	8.50
4088-2 S	9.20
4088-3	8.50
4088-3 S	9.35
4088-5	20.00
4088-5 S	21.50

Cat. Pages 304 to 310.	each
N 4092-3	$10.00
N 4092-3 S	10.85
N 4092-5	23.00
N 4092-5 S	24.50
†4093-3	16.00
†4093-3S	16.85
†4094	5.00
4095-1 S	5.50
4095-3	5.50
4095-3 S	6.35
N 4100	6.50
N 4100 S	7.35
N 4101	16.00
N 4101 S	17.50
† N 4096	18.00
N 4102	24.00
N 4102 S	25.50
4132 (discontinued).	
N 4133 S	8.50
N 4135 S	10.00
4160	12.00
4160 S	12.85

Cat. Pages 310 and 311.	each
4085 A	$2.25
B	2.50
C	2.75
4086	1.00
4086 in place of Plain Glass Indicator, extra	.50
Book 25	1.00

Cat. Pages 310 to 312.

	each
4087 G	.50
H	.50
I	.50
J	.50

Indicators	each
A, B & D	.60
C & Ea	.80
E	.65
F	.75
G. H & K	1.20
I, Ia	1.35
J	.90
M	.25

Glasses	each
No. 1, 2, 3 & 4	$ .25
No. 2a & 4a	.40
No. 7	.35
No. 5, 6 & 8	.25
Fitting Glasses Nos. 1 to 4a, extra	.10
Fitting Glasses Nos. 5 to 8, extra	.20
"Frameless" Glass Indicator with two hairlines spaced to a stated ratio, extra	.50

Sewed Leather Cases	each
O	$1.15
U	.65
P & V	1.35
R, W & X	1.50
S	2.50
T & Z	2.75

Sewed Leather Cases With Space for Magnifier	each
OM	$2.50
PM & VM	2.75
RM, WM & XM	3.00
SM	4.00
TM & ZM	4.25

Cat. Pages 313 to 315.

Calculating Instruments	each
N 4012	$70.00
N 4013	80.00
Separate Copies of Directions.	1.00
4017	27.50
4020	5.00
4185	3.00

Cat. Pages 317 to 327.

Planimeters	each
4211	$19.00
4212	23.50
4215	32.50
4220	39.50
4225	46.50
4230	44.50
4235	47.00
4238. discontinued	
†N 4238	30.00
4240	44.50
†4240½	38.70
4242	53.50
†4242½	47.50

†For description of the article see pages 3a to 3w.

Cat. Pages 317 to 327.

Planimeters	each
4246	125.00
4248	3.25
4249	1.75
4226. A-E	.25
F-G	.35
H-L	.25
4228	.75
4251	147.00
4260	143.00
4262	176.00

Cat. Pages 328 to 330.

Integrators	each
4270	$235.00
4272. To order only	205.00
4280	265.00
4282. To order only	232.00
4286	400.00
4288. To order only	350.00
4296. To order only	940.00
4298. To order only	1100.00

Cat. Pages 331 & 332.

Instruments for Forest Work

Tree Caliper	each
4305	$ 8.50
4307	11.50
4309	15.00

Increment Borers	each
4330½	$5.50
4331½	7.70
4332½	10.30
4333½	11.70
4334½	16.20
4335½	20.20
4336½	24.80
4337½	29.20
4330½ B	4.40
4331½ B	6.20
4332½ B	8.20
4333½ B	9.40
4334½ B	13.00
4335½ B	16.20
4336½ B	20.00
4337½ B	23.50
4330½ E	.90
4331½ E	1.10
4332½ E	1.25
4333½ E	1.50
4334½ E	1.75
4335½ E	2.25
4336½ E	3.00
4337½ E	4.00
4330	5.50
4331	7.70
4332	10.30
4333	11.70
4334	16.20
4335	20.20
4330 B	4.40
4331 B	6.20
4332 B	8.20
4333 B	9.40
4334 B	13.00

Cat. page 332.

	each
4335 B	16.20
4330 E	.90
4331 E	1.10
4332 E	1.25
4333 E	1.50
4334 E	1.75
4335 E	2.25

Cat. Pages 333 to 336.

Hypsometers	each
4410	$35.00
4410 S. discontinued	
N 4412	12.00

Stem Rules	each
4348	$7.00

Timber Scribe	each
4352	$1.40

Compasses	each
5600	$5.50
5600 C	6.50
5600 X	5.50
5600½	6.50
5600½ X	6.50
5330	35.00
Sewed Leather Sling Case in place of leather pouch for 5330, extra	3.75
5340	55.00

Cat. Pages 345 to 353.

Surveying Instruments

As the great majority of engineers have shown a decided preference for K & E Engineers Transits and Levels with the INTERNAL FOCUSING TELESCOPE, we have decided to manufacture in the future most types of K & E Engineers Surveying Instruments with the Internal Focusing Telescope only. However, we still have on hand a number of instruments (#) with the old form of telescope and shall supply such instruments at the prices indicated as long as our stock lasts.

Levels	each
5003.#	$175.00
5003 F	185.00
5004	175.00
5005.#	200.00
†5005 F	205.00
5006	205.00
5010.#	210.00
5010 F	215.00
†5012 F	230.00
†5025 F	325.00
†5026	450.00
5027	1100.00

Cat. Pages 355 to 384.

Transits	each
5040.#	$340.00
5040F	350.00
†5040 FR.*	360.00
5050.#	365.00
5050 F	375.00
†5050 FR.*	385.00
5060.#	375.00
5060 F	385.00
†5060 FR.*	395.00
5060 FS	405.00
†5060FRS. *	415.00
†5070 F	420.00
†5070 FS	440.00

†For description of the article see pages 3a to 3w.

Cat. Pages 355 to 384

Transits	each
5071.#	$375.00
†5071 F	385.00
†5071 FS	405.00
†5076 F	380.00
†5076 FS	400.00
†5074 F	370.00
†5076½ F	465.00
†5077 F	380.00
†5077 FS	400.00
5079	385.00
5082.#	315.00
†N 5082 F	340.00
5084.#	340.00
†N 5084 F	365.00
5085.#	350.00
†N 5085 F	375.00
†N 5082 CF	355.00
†N 5084 CF	380.00
†N 5085 CF	390.00
†N 5085 CFS	410.00
†5086 V	575.00
†5086 P	530.00
5088	700.00
5089	880.00
5089 B.*	Special
5090	90.00

Cat. Page 386.

Transit and Level Additions	each
5097-40 (old 5167-40). Extra	$6.00
41 (old 5167-41). "	25.00
42 (old 5167-42). "	20.00
†43 "	60.00
46 (old 5167-46). "	8.50
47 (old 5166-1)	8.00 set
48 (old 5166-2)	16.00 each
49 (old 5167-49)	3.25
50	2.00
53 (old 5167-53)	6.50
57 (old 5167-57). Extra	7.50
62 (old 5167-62)	14.00
70 (old 5167-70). Extra	12.00
71 (old 5167-71). "	16.00
72 (old 5167-72). "	30.00
73 (old 5167-73). "	10.00
74 (old 5167-74). "	15.00
75 "	15.00
76	15.00
5097 S	55.00

Cat. Pages 390 to 395.

Y & S Transits and Levels	each
Y 5118	$140.00
Y 5119	140.00
Y 5120	180.00
Y 5160	310.00
Y 5160 S	336.00
Y 5165	310.00

Cat. Pages 390 to 395.

	each
Y 5165 S	$336.00
Y 5166 (old 5129)	225.00
Y 5166 S (old 5129 S)	251.00

Cat. Pages 396 to 401.

Levels and Transits	each
5109	$67.00
5112	75.00
5112 T	80.00
5114	90.00
5114 C	100.00
†N5116	115.00
†N5116 C.*	120.00
5124	160.00
5126.*	170.00

Cat. Page 402

Accessories for Transits and Levels	each
5167- 1	$4.50
2	.90
4	3.50
5	3.50
14 A	.08
14 B	.08
15	.08
16 A	.35
16 B	.55
25	1.25
26	$22.00 to 30.00
28	.50
29	.65
76	4.10
77	.15
78	.45
81 (old 5169)	18.00

Cat. Page 404.

Repair Parts for Levels	each
5168- 7	$4.50
9 (old 5167-10)	1.75
10	.20
14	.45
14 A	.10
15	.10
16	.30
21 (old 5167-8)	1.00
23 (old 5167-9)	1.50
24	.65
33	.45
34	.45
37	1.80
38	.65
41	$11.00 to 13.75
42	$3.60 to 4.50
43	.30
44	.10
48	$11.00 to 16.50
49	2.25
52 A (old 5167-31)	2.25
52 B (old 5167-32)	1.75
52 C (old 5167-33)	3.50
52 D (old 5167-34)	3.25
53	.20
54	.30
60 (old 5167-7)	1.00

*To order only.
†For description of the article see pages 3a to 3w.

Cat. Page 404.

Repair Parts for Levels	each
5168-65 (old 5167-6)	$ .75
68	.10
69	.10
70	.05
71	.10

Cat. Page 407.

Repair Parts for Transits	each
N 5169- 7	$4.50
9 (old 5167-10)	1.75
10	.20
13	.75
14	.20
15	.30
17	.30
21	1.35
22	1.35
23	.65
30	1.35
31	6.50
32	1.35
33	.65
36 (old 5167-13)	1.00
37	.65
37-1	1.35
37-2	1.80
38	4.00
39	.90
41A (old 5167-12)	$.90 to 1.35
41B (old 5167-12½)	3.50
42	$4.50 to 6.50
54 A	4.50
55	.45
58	.30
60 (old 5167-8)	1.00
61 (old 5167-9)	1.50
62	.65
65	11.00
66	2.75
67	.30
69 (old 5167-6)	.75
71	$11.00 to 16.50
73	2.25
76 A (old 5167-31)	2.25
76 B (old 5167-32)	1.75
76 C (old 5167-33)	3.50
76 D (old 5167-34)	3.25
77	.10
78	.30
84 (old 5167-7)	1.00
92	.05
93	.10

Cat. Pages 408 and 409.

	each
5174	$15.00
5175-1. discontinued	
5178	25.00
†5179	22.00
5172-1	$7.50 to 10.50
2	$ .65 to .90
6	$3.25 to 7.25
C	1.35
S	$ .30 to .45
R	1.20

Cat. Page 408 and 409.

	each
5180	$31.00
In place of 5178, extra	6.00
5181	28.00
In place of 5174, extra	13.00
" " " 5179, "	6.00
5183	24.00
For tripods with one extension leg and two split legs, deduct from price of extension tripod	4.50

Cat. Pages 411 to 417.

Plane Tables	each
5185 (old 5205)	$275.00
5185 S (old 5205 S)	310.00
5185 J (old 5205 J)	227.00
5185 JS (old 5205 JS)	262.00
5185 A (old 5205 A)	165.00
5185 AS (old 5205 AS)	200.00
5187 A	285.00
5187 B	341.00
†5187 C	343.75
5187 B or C with Tripod 5195 in place of 5193, extra	5.00

Extras for No. 5187 A (when ordered with new instruments):

Graduation of Blade to any special scale	15.00
Gradienter	15.00
Adjustable Magnifier	12.00
Extra Glass Vial for Striding Level	2.25
Quarter Interval Hair (See note page 3b)	
†5189 A (Cat. 5189) (old 5206 A)	215.00
†5191 A (Cat. 5191) (old 5206½A)	175.00

Extras for Expedition Plane Table Alidades (when ordered with new instruments):

Extra Eyepiece, giving magnification of 10 diam.	20.00
Extra Eyepiece, giving magnification of 18 diam.	20.00
Graduation of Blade to 50 parts per inch, for 5191 A per edge	10.00
Graduation of Blade to scale 4 in. = 1 mile, for 5191 A, per edge	10.00
Graduation of Blade to any special scale	15.00
Gradienter for 5191 A	15.00
Vernier Control Level for 5191 A	10.00
K & E Stadia Arc for 5191 A	20.00
Adjustable Magnifier for 5191 A	12.00

Tripods	each
5193 (old 5210)	$45.00
5195 (old 5211)	50.00

†For description of article see pages 3a to 3w.

Cat. Pages 411 to 417

Drawing Boards	each
5197 A (old N 5212 A)	$6.00
†B (old N 5212 B)	8.00
†C (old N 5212 C)	9.00

Drawing Board Cases	each
5198 A (old N 5213 A)	$2.50
B (old N 5213 B)	3.00
C (old N 5213 C)	4.75

Plane Table Outfits	each
5189 E	$273.50
G	276.00
H	271.00
K	273.75
5191 L	233.50
M	236.00
P	231.00
T	233.75

Plane Table Paper

Duplex		sheet
103.	15 × 15 single mtd.	$ .30
	18 × 24 " "	.50
	24 × 31 " "	.85
	15 × 15 double mtd.	.60
	18 × 24 " "	1.00
	24 × 31 " "	1.70

Paragon		sheet
139.	15 × 15	$ .50
	18 × 24	.70
	24 × 31	1.10
139½.	15 × 15	1.00
	18 × 24	1.40
	24 × 31	2.20

Cat. Page 418.

Traverse Tables	each
5200 A (old 5202)	$13.25
Graduation of Blade to any special scale—extra	2.00
B	16.50
T	11.00
X	20.50
5200	38.50
5201	48.00

Cat. Pages 419 and 420.

Sextants	each
5226	$140.00
5227	120.00
5228	550.00

Cat. Page 421.

	each
5280	$80.00
5293	20.00

Cat. Pages 422 to 424.

Compasses	each
5330	$35.00
Sewed Leather Case in place of plain leather pouch for 5330, extra	3.75
5332	26.00

Cat. Bage 422 to 424.

	each
5334	$31.00
Sewed Leather Case in place of leatheret finish case for—	
5332, extra	3.75
5334, "	5.25
Sewed Leather Sling Cases for:	
5332	5.40
5334	7.10
5340	55.00

Cat. Page 425.

Tripods	each
5350	$2.50
5352	6.00
5360	12.50
5348-1	3.40
2	3.80
2 F	4.20
3	4.40
5	4.20

Cat. Pages 426 and 427.

Brunton Transit	each
5368-1	$30.00
5368-2	30.00
5368 B	3.00
5368 S	3.50
5368 J	7.50
5376	77.00
5376 S	87.00
5375 L	5.00

Cat. Pages 428 and 429.

Compasses	each
5411	$22.75
5411 S	25.00
5420	44.00
5420 S	48.00
5446	5.25
5447	5.75
5452	4.20
5453	4.50
5497- discontinued	
5498 "	

Cat. Pages 430 to 432.

Special Pocket Compasses	each
5600	$5.50
5600 C	6.50
5600 X	5.50
5600½	6.50
5600½ X	6.50
5610	5.00
5611	6.25
5612	2.50
5615	2.00
5613	2.50
5613 R	2.50
5622	1.50
5623	1.50
5625	1.00
5622 R	2.00
5628	.65
5629	.50

†For description of the article see pages 3a to 3w.

Cat. Pages 433 and 434.

Farm Level	each
5691	$25.00
5693	40.00

Cat. Pages 435 and 436.

Hand Levels	each
5700	$ 9.00
5701	7.25
N 5702	6.00
5703	4.50
†5704	9.00
5706	39.00
5706 S	43.00
5375 L	5.00
5709	25.00

Cat. Pages 437 and 438.

	each
5710	$19.50
5710 S	21.50
5710 P	19.50
5710 PS	21.50
5712	19.50
5712 S	21.50
†5712 P	19.50
†5712 PS	21.50
5711	25.50
5711 S	27.50
5714	4.50

Cat. Page 439.

K & E Topographic Abney Level	each
5713 D	$25.00
5713 P	25.00
5713 C	25.00
5713 T	25.00
5713 PT	27.75
Extra limb with single graduation	6.50
Special limb with 2 graduations	9.25
5713-2 (old 5713½)	11.00
3	20.00
5	35.75

Cat. Page 440.

Clinometer and Hypsometer	each
5721	$23.00
5724	25.00

Cat. Page 441.

Angle Mirrors and Slope Level	each
5750	$10.50
5751	8.50
5762	5.25
†N 5765	7.50
5805	23.00

Cat. Pages 442 and 443.

Aneroid Barometers	each
5850	$21.50
5855	34.00
5856	31.50
5858	34.50
5880	36.00
5881	34.00
5882	36.00
5882 S	37.00

Cat. Pages 442 and 443

Aneroid Barometers	each
5883	$37.00
5880½. discontinued	
5881½	35.00
5882½	37.00
5890	48.00
5891	45.00
5892	48.00
5893	49.00
Sewed Leather Sling Cases for 5890-5893	4.25

Cat. Page 444.

Surveying Barometers	each
5909	$74.00
5910	80.00
5915	92.00
5916	98.00
5920	92.00
Sewed Leather Sling Cases for:	
5909-5910	7.00
5915-5920	8.50

Cat. Page 445.

Barographs	each
5941	$60.00
Extra Charts	**set**
For 5941	$1.80

Rain Gauges	each
5982	$10.00
5984	12.00
5982 G	1.75
5984 G	2.25

Thermometers	each
5930	$3.20

Cat. Pages 446 to 448.

Anemometers	each
5953	$31.00
5957	33.00
5958	38.50
5963	36.50
5965	55.00
5966	68.00
5967	42.00

Cat. Pages 450 to 458.

K & E Current Meters	each
6010	$77.00
6010 P	24.00
6018	72.00
6018 P	24.00
6018½	253.00
6019½	291.00
6025	214.00
6025 P	52.00
6026	118.00
6028 L	69.00
6028 N	.75
6028 O	.45
6028 P	108.00
6028 S	.02
6028 T	26.00
6028 W	5.00

†For description of the article see pages 3a to 3w.

Cat. Page 459.

Tide Gauges	each
6065. discontinued	
6064	$120.00
6066 set of 10	1.50

Cat. Page 461.

Targets for Leveling Rods	each
6254 T	$6.50
6254 CT	3.75
6255 T	7.50
6256 T	6.50
6256 CT	3.75
6257 T	7.50
6258 T	6.50
6262 T	6.50
6262 CT	3.75
6263 T	7.50
6267½ T	6.50

Cat. Pages 463 to 469.

Leveling Rods	each
6250	$38.00
6251	38.00
†6251-5	43.00
6252	17.50
6253	20.50
†6253-4	23.00
6254	22.00
6254 R	16.00
6254 C	16.50
6254 CR	13.25
6256 & 6256R. discontinued	
†N6256	22.00
†N6256 R	16.00
6256 C	16.50
6256 CR	13.25
6258	22.00
6258 R	16.00
6262	20.00
6262 R	14.00
6262 C	15.00
6262 CR	12.00
†N6264	9.50
6267½	17.50
6267½ R	11.50
6268½	20.00
6268½ R	14.00
6286 B	10.50
6287 B	14.50
6280	10.50
†6280½	11.50
6281	10.50
6275	28.00
†N6275-5	48.00
6289	110.00
6289 C	30.00

Cat. Pages 470 to 474.

	each
6331	$ 5.75
6332	6.50
6333	5.00
6334	5.75
6335 S	3.30
N 6340	7.00
†6341	10.50

Cat. Pages 470 to 474.

Leveling Rods	each
6290. 6 ft	$3.25
8 "	4.00
6291. 6 "	3.25
8 "	4.00
6292. 8 "	3.00
6293 S. 8 "	7.00
10 "	8.50
6293. 6 "	3.25
8 "	3.75
10 "	4.65
6295. 2m	4.00
2½m	4.50
3m	5.30
6299	4.00
6300	5.00
6302	4.00
6303	2.00

Cat. Pages 475 and 476.

Plumb Bobs	each
N 6481. 6 oz	$ 1.50
8 "	1.70
12 "	2.00
14 "	2.30
16 "	2.70
18 "	3.10
24 "	4.50
32 "	6.00
N 6487	4.00
N 6488	.60
N 6491. 6 oz	1.00
8 "	1.15
10 "	1.30
12 "	1.40
6492 B	1.25
6493 B	3.50
†N6491½ A	.65
B	.95
C	1.10

Cord	yard
6496	$ .04
6497	.06

Cat. Page 477.

Stake Tacks	box
6494	$ .10
6495	.15
	pound
6495 B	$ .35

Spads	box
6498	$1.00
	mille
6498 M	$18.00
	box
6499	$1.00
	mille
6499 M	$18.00

Surveyors' Leather Bags	each
7090	$7.50
7092	4.80

†For description of the article see pages 3a to 3w.

Cat. Page 478.

Spy Glasses	each
6949	$12.00
6950	19.50
6952	33.00
6953	33.00
6954	36.00

Cat. Pages 480 to 482.

Magnifying Glasses	each
6970 A	$2.20
B	2.60
C	3.15
D	4.35
E	5.40
F	6.75
6980	.80
6981	1.30
6982	discontinued
6985	1.10
6986	1.60
6987	2.20
6990 A	2.10
B	2.25
C	2.40
7000	1.20
7001	1.70
7002	1.80
7003	2.80
N 7021	7.75
† 7022	7.75
N 7023	10.50
N 7025	3.35
N 7026	3.60
N 7027	3.90
7035	.50
7036	.65
7037	3.50

Cat. Pages 487 and 488.

Official Certificate of Comparison (Prices exclusive of transportation charges to and from Washington, D. C.)	each
Sa	$1.50
Sb	.50
Sc	.50
Sd	.50
Se	.25
Sf	.50
Sg	.50
Sh	.25
Si	32.00
Sj	1.00
Sk	.50
Sl	.50
Sm	.25
Sn	.25
So	Special
Sx	.50
Sz	Special

Cat. Pages 487 to 488

Thermometer Scale	each
F. S.	$1.00
Stated Tension	**each**
T. E.	$1.00

Cat. Page 489.

Tape Mending Outfits	each
7095	$12.00
7098	5.00
	mille
Eyelets	$1.40

Cat. Pages 490 and 491.

California	each
7121 T or D	$5.90
7122 T or D	7.50
† 7131 T	8.10
† 7132 T	9.70
7141 T to 7142½ T discontinued	
†N7141 T	9.30
†N7142 T	10.90
†N7141½ T	10.90
†N7142½ T	12.50
Ohio	**each**
7152 T or D	$7.90
7155 T or D	13.50
7152 M	7.90
7155 M	13.50
7152 TM	8.90
7155 TM	15.50
Frisco	**each**
7195	$15.00
7195 X	11.00

Cat. Page 493.

Texas	each
7162 T or D	$6.80
7165 T or D	11.65
7166 T or D	19.00
7167 T or D	23.50
7162 M	6.80
7165 M	11.65
7162 TM	7.80
7165 TM	13.65
Maine	**each**
7172 T or D	$7.90
7175 T or D	13.50
7172 M	7.90
7175 M	13.50
7172 TM	8.90
7175 TM	15.50

Cat. Page 494.

Berkeley	each
7182 D	$10.50
†7182½ D	10.50
7185 D	18.00
†7185½ D	18.00
7187 D	37.00
7188 D	56.00
7182 M	10.50
7185 M	18.00
Purdue	**each**
7205 D	$23.00
7205 M	23.00

†For description of the article see pages 3a to 3w.

Cat. Page 495.

Cornell	each
7250 T or D	$5.45
7252 T or D	8.60
7254 T or D	12.50
7255 T or D	15.00
7250 TL or DL	5.70
7252 TL or DL	9.10
7254 TL or DL	13.20
7255 TL or DL	16.10
7251 M	6.20
7252 M	8.60
7253 M	10.90
7254 M	13.40
7255 M	15.00
7251 TM	7.00
7252 TM	9.60
7253 TM	12.25
7254 TM	15.00
7255 TM	17.00
X 7250 T or D	7.20
X 7252 T or D	12.60
X 7254 T or D	17.20
X 7255 T or D	19.80

Cat. Page 496.

7262 DP	13.50
Liliput	**each**
7270 T or D	$5.10
7272 T or D	7.70
7274 T or D	11.10
7275 T or D	13.40
7271 M	5.65
7272 M	7.70
7271 TM	6.30
7272 TM	8.70

Cat. Page 497.

Rensselaer	each
7292 T or D	$10.50
7294 T or D	14.40
7295 T or D	17.80
7292 M	10.50
7293 M	13.30
7294 M	15.20
7295 M	17.80

Cat. Page 498.

Illinois	each
7302 T or D	$8.75
7304 T or D	12.50
7305 T or D	15.60
7302 M	8.75
7303 M	11.30
7304 M	13.20
7305 M	15.60

Cat. Page 499.

Home ⅜ in.	each
7350 T, P or D	$4.90
7352 T, P or D	6.00
7354 T, P or D	7.80
7355 T, P or D	10.20

Cat. Page 499.

Home ⅜ in.	each
7351 M	$5.30
7352 M	6.00
7353 M	7.50
7354 M	8.50
7355 M	10.20
7351 TM	6.00
7352 TM	7.00
7353 TM	8.80
7354 TM	10.15
7355 TM	12.20
X 7350 T or D	6.65
X 7352 T or D	10.00
X 7354 T or D	12.50
X 7355 T or D	15.00

Cat. Page 500.

Home ½ in.	each
7340 T or D	$5.60
7342 T or D	6.75
7344 T or D	9.00
7345 T or D	11.25
7341 M	6.00
7342 M	6.75
7343 M	8.30
7344 M	10.00
7345 M	11.25
7341 TM	6.70
7342 TM	7.75
7343 TM	9.60
7344 TM	10.50
7345 TM	13.25
Home Circumference	**each**
7358 P	$6.50

Cat. Page 501.

Midget	each
7360 T or D	$4.70
7362 T or D	5.70
7364 T or D	7.50
7365 T or D	9.60
Dwarf	**each**
7380 T or D	$4.20
7382T or D	5.15

Cat. Page 502.

Armor	each
7370 T	$4.45
7372 T or D	5.40
7374 T	7.20
7375 T or D	9.25
7371 M	4.80
7372 M	5.40
7373 M	6.85
7374 M	7.90
7375 M	9.25
7371 TM	5.45
7372 TM	6.40
7373 TM	8.20
7374 TM	9.50
7375 TM	11.25

Cat. Page 503.

Handy	each
7383	$4.20
7384	5.25
7385	6.85
7386	8.75

Okeh	each
†N 7890	$2.35
†N 7892	2.60
†N 7894	3.55
†N 7895	4.50
†N 7890 P	2.55
†N 7892 P	2.80
†N 7894 P	3.75
†N 7895 P	4.70

Cat. Page 504.

Handles	each
7390	$ .50
7395	.55
7401	1.10
7402	4.40
7402 M	5.00
7403	4.75
7403 M	5.35

Nickelplating Steel Tape Lines	add
25 ft	$1.50
50 "	2.50
75 "	3.00
100 "	3.30

Cat. Page 505.

Excelsior	each
7411.*	$6.00

Cat. Page 507.

Harvard	each
7420 T or D	$4.60
7422 T or D	6.00
7424 T or D	7.10
7425 T or D	8.50
7420 TL or DL.	discontinued
7422 TL or DL.	"
7424 TL or DL.	"
7425 TL or DL.	"
7421 M	5.10
7422 M	6.00
7423 M	6.60
7424 M	7.70
7425 M	8.50
7421 TM	5.30
7422 TM	6.20
7423 TM	6.90
7424 TM	8.00
7425 TM	9.10

Cat. Page 508.

Dartmouth	each
7440 T or D	$3.10
7442 T or D	4.50
7444 T or D	5.60
7445 T or D	7.00

Cat. Page 508.

Dartmouth	each
7440 P	$3.30
7442 P	4.70
7444 P	5.80
7445 P	7.20
7440 TL or DL	3.25
7442 TL or DL	4.70
7444 TL or DL	6.00
7445 TL or DL	7.60
7441 M	3.60
7442 M	4.50
7443 M	5.10
7444 M	6.20
7445 M	7.00
7441 TM	3.80
7442 TM	4.70
7443 TM	5.40
7444 TM	6.50
7445 TM	7.60

Re-fills	each
7460 T or D	$1.45
7462 T or D	2.50
7464 T or D	3.25
7465 T or D	4.70
7460 P	1.65
7462 P	2.70
7464 P	3.45
7465 P	4.90
7460 TL or DL	1.65
7462 TL or DL	2.70
7464 TL or DL	3.60
7465 TL or DL	5.25
7461 M	1.80
7462 M	2.50
7463 M	2.90
7464 M	3.80
7465 M	4.70
7461 TM	2.00
7462 TM	2.70
7463 TM	3.25
7464 TM	4.20
7465 TM	5.25

Cat. Page 509.

Piccolo	each
7480 T or D	$3.25
7482 T or D	4.10

Re-fills for Piccolo Tapes	each
7470 T or D	$2.10
7472 T or D	2.60

Cat. Page 510.

Samson	each
7490 T or D	$3.25
7492 T or D	4.90
7494 T or D	6.60
7495 T or D	8.25
7500 T or D	1.50
7502 T or D	2.80
7504 T or D	4.20
7505 T or D	5.25

*To order only.
†For description of the article, see pages 3a to 3w.

Cat. Page 511.

The Popular	each
7510 T	$2.75
7512 T or D	3.95
7514 T	4.90
7515 T	6.15
7510 D, 7514 D, 7515 D	discontinued
7512 M to 7515 M	"

Cat. Page 512.

Invar Tapes	each
7590 A	$52.00
B	76.00
C	118.00
BM	76.00
CM	118.00

Cat. Page 513.

Flat Wire Tapes	each
†N7600	$29.00
†N7601	33.00

Cat. Page 514.

	each
7607	$6.00
100 ft. additional	5.00
7608	9.50
100 ft. additional	8.25
7609	12.00
100 ft. additional	10.75

Cat. Pages 515 and 516.

	each
7610	$11.50
100 ft. additional	10.00
7610 D	8.75
100 ft. additional	7.50
7610 F	6.50
100 ft. additional	5.25
7612	13.25
25 meter additional	11.75
7612 C	11.50
25 meter additional	10.00
7612 E	10.50
25 meter additional	9.00
7613	15.00
100 ft. additional	12.75
7613 D	11.00
100 ft. additional	9.50
7613 F	8.25
100 ft. additional	6.75
7614	17.00
25 meter additional	15.00
7614 C	15.00
25 meter additional	12.75
7614 E	13.25
25 meter additional	11.75

Cat. Pages 517 to 520.

Reels	each
7650 A-1	$3.20
A-3	3.20
7650 C-1	10.00
C-2	13.00
7650 G-1 & G-5.	discontinued
†N 7650 G	21.00
7650 H	23.00
K	41.00

Cat. Pages 522 and 523.

(Without Reels)		each
7681 B-3 (old 7669 B-3)	Type 1	$6.00
B-4 (old 7669 B-4)	"	6.00
B-5 (old 7669 B-5)	"	6.00
7681 C-3 (old 7669 C-3)	"	10.50
C-4 (old 7669 C-4)	"	10.50
C-5 (old 7669 C-5)	"	10.50
7681 D-3 (old 7669 D-3)	"	15.90
D-4 (old 7669 D-4)	"	15.90
D-5 (old 7669 D-5)	"	15.90
7681 L	"	5.00
7681 BM (old 7669 BM)	"	5.75
CM (old 7669 CM)	"	11.40
7682 B	Type 2	7.00
C	"	12.00
D	"	18.50
L	"	5.75
BM	"	6.50
CM	"	13.00
7683 B	Type 3	7.00
C	"	12.00
D	"	18.50
L	"	5.75
BM	"	6.50
CM	"	13.00
7684 B	Type 4	6.00
C	"	10.50
D	"	15.90
L	"	5.00
BM	"	5.75
CM	"	11.40

Cat. Page 524.

(On Ironclad Reels)		each
7691 B-4 (old 7666 B-4)	Type 1	$ 9.00
B-5 (old 7666 B-5)	"	9.00
†7691 C-4 (old 7666 C-4)	"	13.50
C-5 (old 7666 C-5)	"	13.50
7691 L	"	8.00
7694 B (old 7664 B)	Type 4	9.00
†C (old 7664 C)	"	13.50

Cat. Pages 525 and 526

(On Champion Reels)		each
7701 B (old 7674 B)	Type 1	$10.20
†C (old 7674 C)	"	15.60
†D (old 7674 D)	"	21.90
L	"	9.20
BM (old 7674 BM)	"	9.95
CM (old 7674 CM)	"	16.50
7702 B (old 7670 B)	Type 2	11.20
†C (old 7670 C)	"	17.10
†D (old 7670 D)	"	24.50
L (old 7670 L)	"	9.95
BM (old 7670 BM)	"	10.70
CM (old 7670 CM)	"	18.10
7703 B (old 7671 B)	Type 3	11.20
†C (old 7671 C)	"	17.10
†D (old 7671 D)	"	24.50
L	"	9.95
BM (old 7671 BM)	"	10.70
CM (old 7671 CM)	"	18.10

†For description of the article see pages 3a to 3w.

Cat. Pages 525 and 526.

(On Champion Reels)		each
7704 B (old 7672 B)	Type 4	10.20
†C (old 7672 C)	"	15.60
†D (old 7672 D)	"	21.90
L (old 7672 L)	"	9.20
BM	"	9.95
CM	"	16.50

Cat. Page 527.

Tip Top Steel Tapes	each
7710 T	$ .75
7711 T	.95
7712 T	1.00
7713 T	1.50
7710 D	.75
7711 D	.95
7712 D	1.00
7713 D	1.50
7714 D	2.25
7710 TM	.80
7711 TM	1.05
7712 TM	1.25
7713 TM	1.75
7714 TFM	2.50
7711-A	1.05
4	1.05
8	1.05

Tip Top Linen Tapes	doz.	each
7720 T	$6.50	$ .55
7721 T	7.90	.70
7722 T	9.40	.80
7723 T	15.90	1.35
7723 TF	15.90	1.35

Cat. Page 528.

Circumference	each
N 7729	$2.75

Mechanics	each
7760½	$2.20
7761½	discontinued
7762	"

Cat. Page 528.

Sounding Attachment	each
7769	$2.40

Cat. Page 529.

Measuring Chains	each
7780 A	$8.30
B	15.00
C	7.80
D	14.00
7781 A	13.50
B	25.00
C	13.25
D	23.75
7782 A	7.80
C	14.00
7783 A	13.25
C	23.75
D	30.50
7785 A	13.25
B	23.75
7786 A	8.25
B	15.00
C	8.00
D	14.00

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Arrows	set
7809	$4.25
7810	2.00
7811	1.60
7812	2.00
7813	1.40
7815	1.20
N 7820	3.60
7825	.30

Tallying Machines	each
7854	$3.30
7854 X	5.00

†For description of the article see pages 3a to 3w.

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