

# Circular Farm.

In ages past there liv'd a man,  
(Perhaps you've heard before)  
With five fair daughters was he blest,  
Of sons had but four.

And when he thought the time had come,  
For him to leave his land,  
He call'd together all his friends,  
And thought 'twill his land.

The difficulty now arose,  
To equally divide,  
Because his farm was circular,  
And had not one straight side.

Six hundred acres had this man,  
As I have oft been told,  
The plan by which tw'as told,  
Was novel, if tw'as old.

A perfect circle each son had,  
As large as could be made,  
Each daughter tangent to the next,  
Or so at last 'twas said.

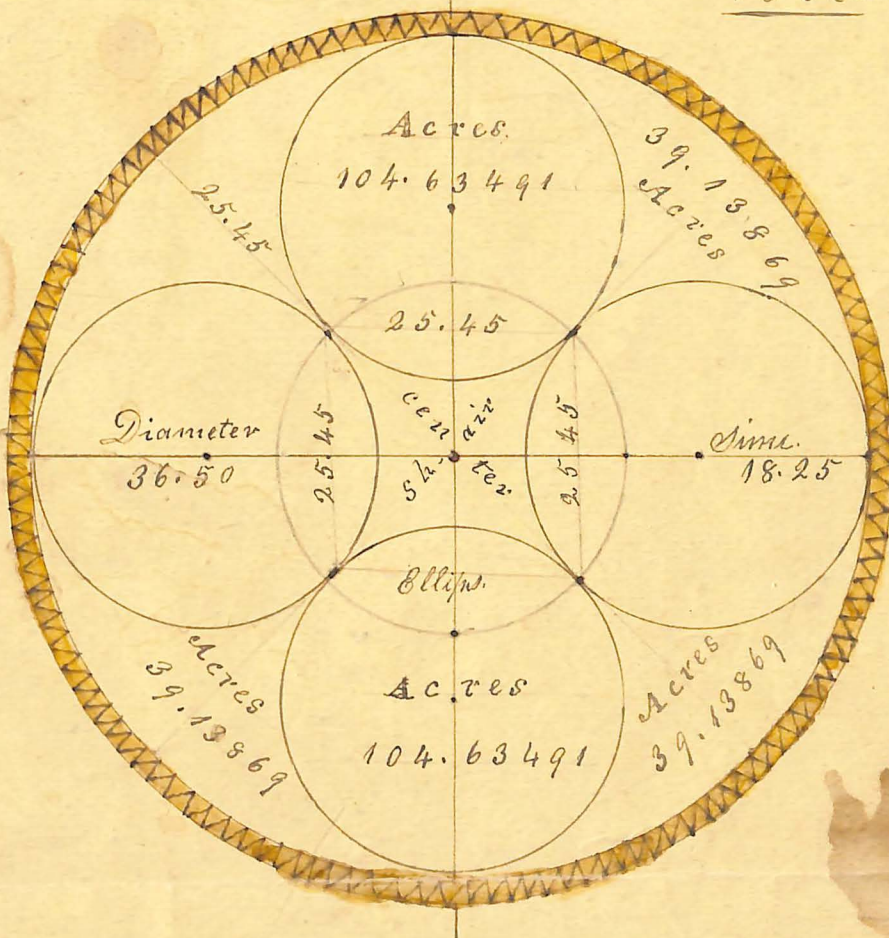
Four outer portions now remain,  
Four daughters each had one,  
The portion in the center left,  
The fifth girl shair'd alone.

Scale of 20 chains  
to an inch.

Now scholar pray your skill display,  
And answer me in rhyme,  
Tell how much ground this fifth girl found,  
Was left her at this time.



Rural New Yorker.  
1865



Diameter.  
of 600 Acres  
87 ch. 40 Links  
Semi Diameter  
43 ch. 70 L.

To Obtain the 5th Girl's Center Share  
36.50 x 36.50 = 1320.25  
25.45 x 25.45 = 647.7025  
Subtract 647.7025 from 1320.25  
The 5th Girl's Share 672.5475 Acres

4 Sons had Acres 418.53964 Each 104.63491  
4 Daughters Acres 156.55477 Each 39.13869  
5th. Girl Acres 24.90559 ~~~~~ 24.90559 ans.  
Proof 600 Acres

4th. February 1871.

# MAP

