

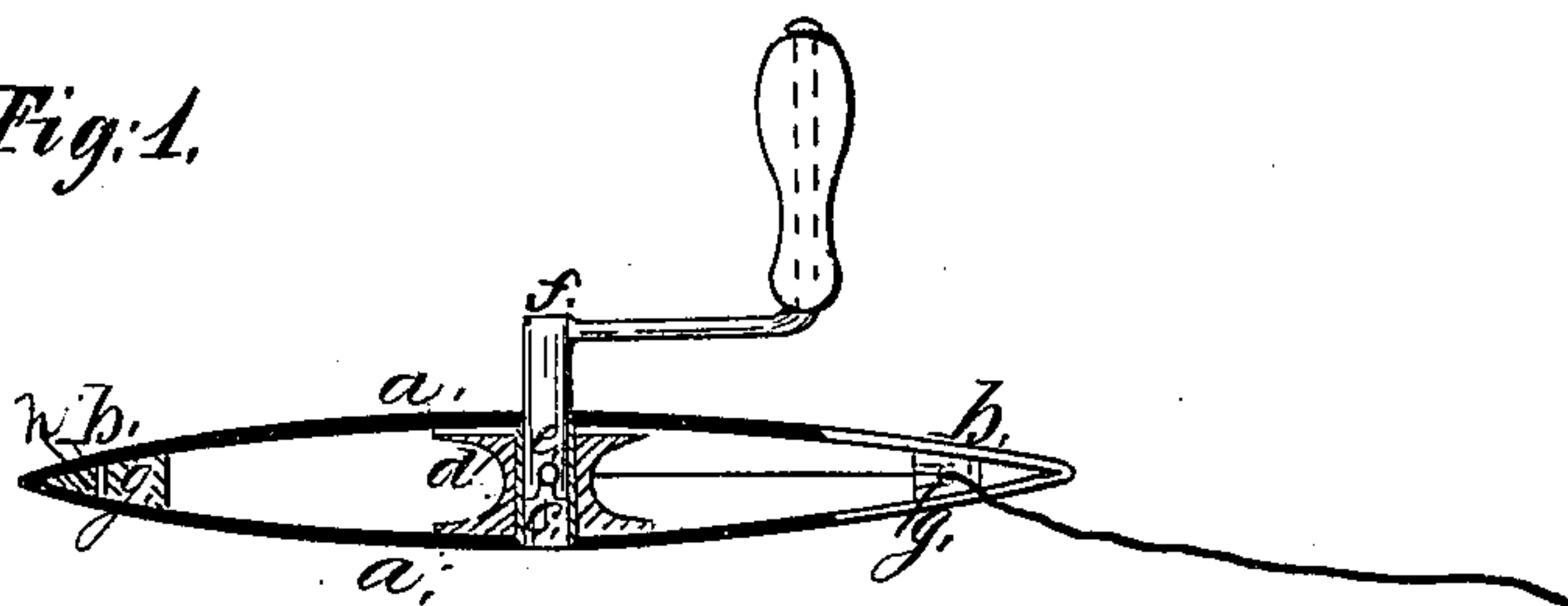
*E. N. Parker.*

*Tatting Shuttle.*

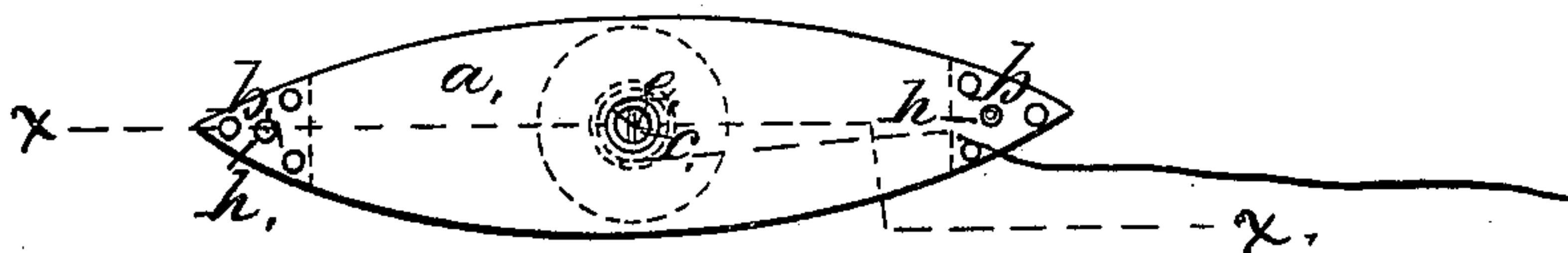
*N<sup>o</sup> 76,512.*

*Patented Apr. 7, 1868.*

*Fig. 1.*



*Fig. 2.*



*Witnesses,*

*Chas. Ashkett*  
*J. Fraser*

*Inventor,*

*E. N. Parker*  
*per Munnell*  
*Attorneys*

# United States Patent Office.

E. N. PARKER, OF ESSEX, CENTRE BROOK POST OFFICE, CONNECTICUT.

*Letters Patent No. 76,512, dated April 7, 1868.*

## IMPROVEMENT IN TATTING-SHUTTLES.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, E. N. PARKER, of Centre Brook Post Office, Essex, in the county of Middlesex, and State of Connecticut, have invented a new and improved Tatting-Shuttle; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improvement in tatting-shuttles, and consists in having the sides of the same enclosing the revolving tube and spool, and its perforated ends riveted together, and to blocks between such ends, said blocks having tension-holes, all constructed and arranged as will be hereinafter more fully described.

Figure 1 represents a longitudinal section of the shuttle, showing the manner of its construction, the section being through the line *x x* of fig. 2.

Figure 2 is a top or side view of the shuttle.

Similar letters of reference indicate corresponding parts.

The sides *a a* of the shuttle are secured together at the ends by rivets and filling-blocks, as seen at *b b* in the drawing.

Through the centre of the shuttle there is a tube, *c*, to which the spool is attached. *d* represents the spool. The thread is represented in red lines in the drawing. The tube *c* revolves in the sides *a* which form bearings for it. Through its centre there is a transverse bar, as seen at *e*. The key *f* is slotted at its end, so that it sets over the bar *e* when the spool is revolved for winding the thread. The key may be introduced through either side of the shuttle, as the sides correspond with each other. *g* represents filling-blocks at the ends of the shuttle, through which the rivets pass. There is a hole in each of the ends through the blocks *g*, through which the thread is passed from the spool, and the tension of the thread is governed by the pressure of the thumb or finger, when the shuttle is in use, or in winding the thread. There are other holes, *h*, (one through each end of the shuttle,) passing through the sides *a*, through which the thread may be passed if necessary to increase the tension. To those who are acquainted with the subject, the advantages of this arrangement will be apparent.

I have been a manufacturer of tatting-shuttles for some years past, and have seen and tried various methods to enable the operator to wind the thread on to the shuttle with ease and facility, but never succeeded until I invented this plan for constructing the shuttle. This shuttle leaves nothing to be desired relating to the subject. The spool revolves as the thread is used, while the tension is increased or diminished by pressure, as before mentioned.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

As a new article of manufacture, a tatting-shuttle, having its sides enclosing the revolving tube *c* and spool *d*, and its perforated ends riveted together, and to the blocks having the tension-holes *g h*, all constructed as herein shown and described.

E. N. PARKER.

Witnesses:

E. W. GRISWOLD,

C. D. GRISWOLD.