

B. L. Fetherolf,

Talking Shuttle.

No. 103436.

Patented May 24, 1870.

Fig. 1.

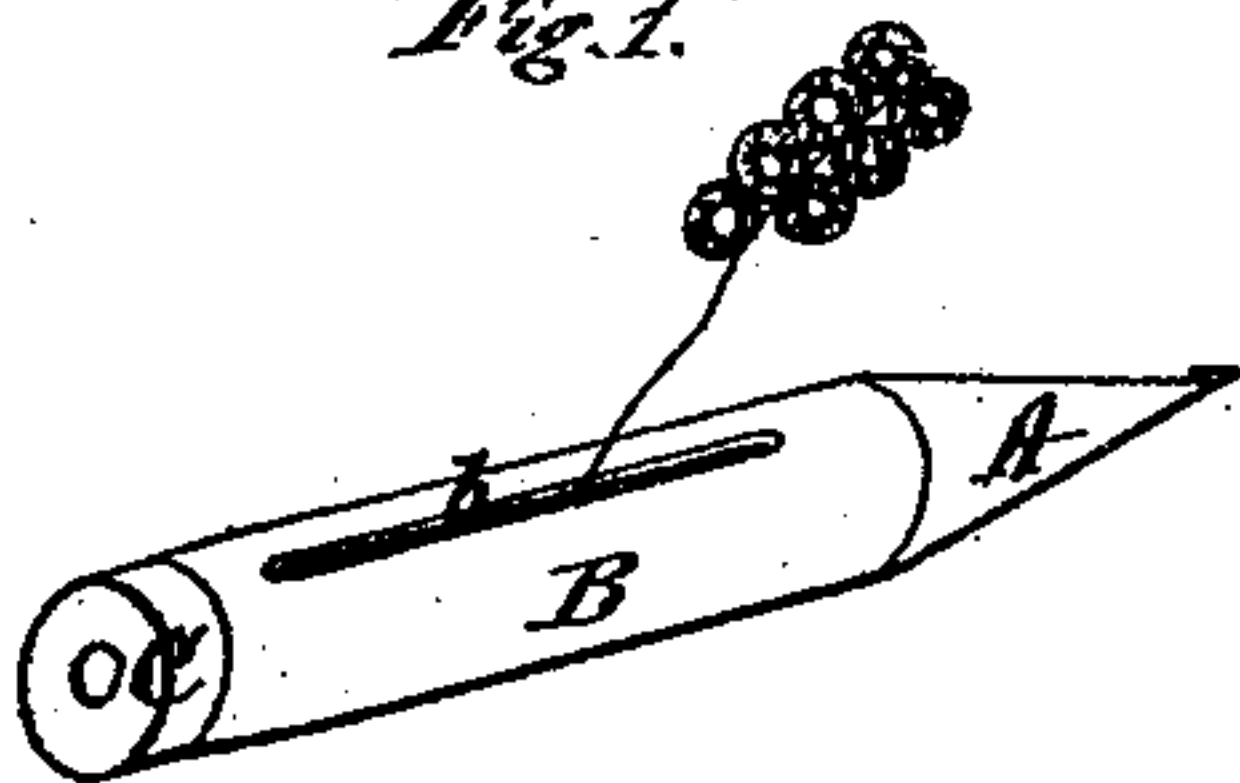
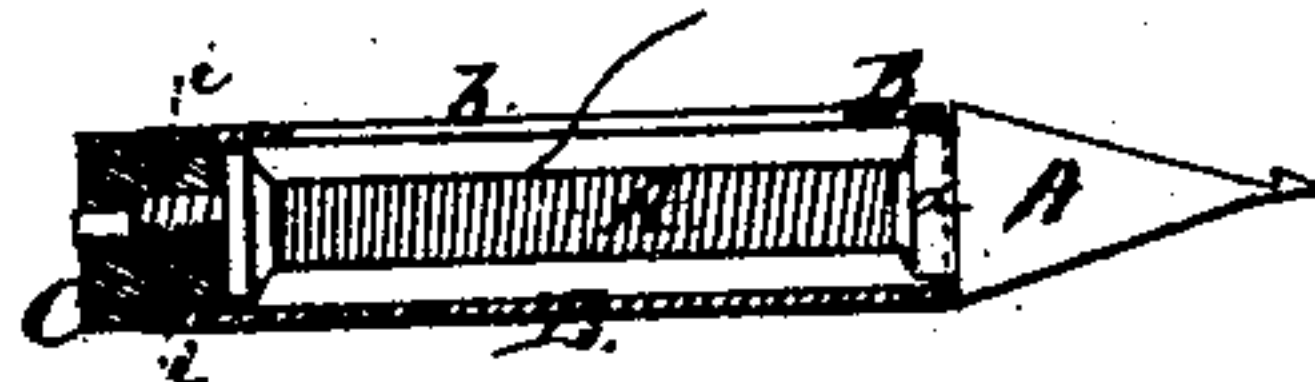


Fig. 2.



Witnesses.

Harry King
Ed. Everts

Inventor.

Benerville L. Fetherolf
per Alexander Mason
Atty

United States Patent Office.

BENEVILLE L. FETHEROLF, OF TAMAQUA, PENNSYLVANIA.

Letters Patent No. 103,436, dated May 24, 1870.

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, BENEVILLE L. FETHEROLF, of Tamaqua, in the county of Schuylkill and in the State of Pennsylvania, have invented certain new and useful Improvements in Tatting-Shuttle; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "tatting-shuttle," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of the shuttle, and

Figure 2 is a longitudinal vertical section of the same.

A represents the shuttle proper, provided with a tapering end with hook at the point.

At the base of the tapering end is formed a bearing, *a*, for one end of the shuttle-case B, the balance of the shuttle A forming the bobbin on which the thread is wound.

C is the heel, which, when screwed into its place on

the other end of the shuttle A, holds the other end of the casing B in place; and upon the surface of said heel C is the tension-pad or wheel *i*, which operates on the inner side of the case.

The case B is provided with a longitudinal slot, *b*, for the thread to pass from the shuttle.

The revolving or movable case gives the operator better control of the thread. By taking hold of the case, and revolving the shuttle with the thumb and finger of the other hand, the thread is easily returned onto the shuttle when stopping, or when from any other cause more is run off than is required.

The tension-pad *i* may be placed at either end of the shuttle.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the shuttle A, heel C, tension-pad *i*, and slotted revolving case B, all constructed and arranged to operate substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 11th day of March, 1870.

B. L. FETHEROLF.

Witnesses:

JOHN O'BRIEN,
ISAAC A. SIMPLER.