

(No Model.)

B. F. WALKER.

THREAD CUTTER.

No. 324,616.

Patented Aug. 18, 1885.

Fig: 1.

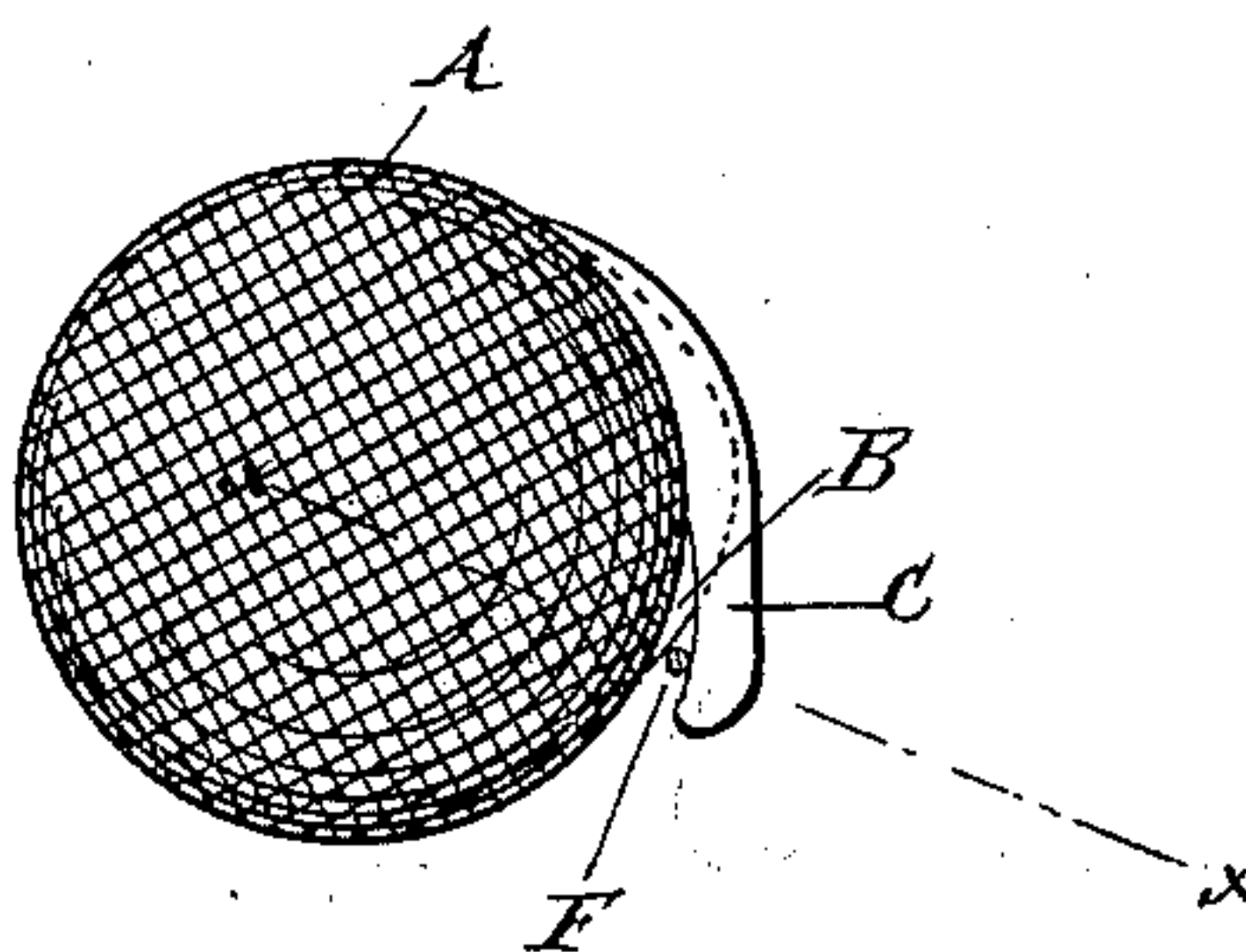


Fig: 2.

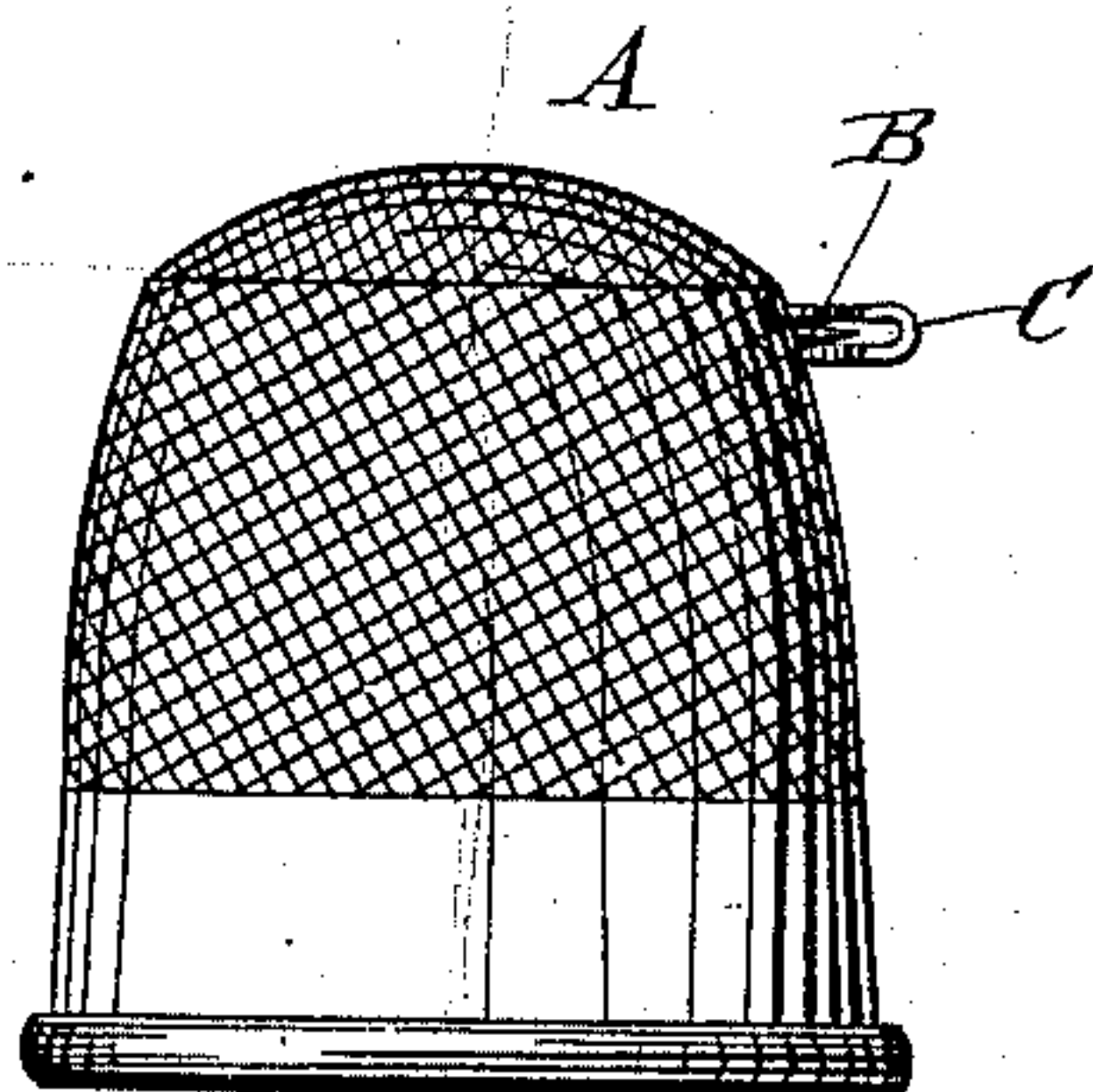
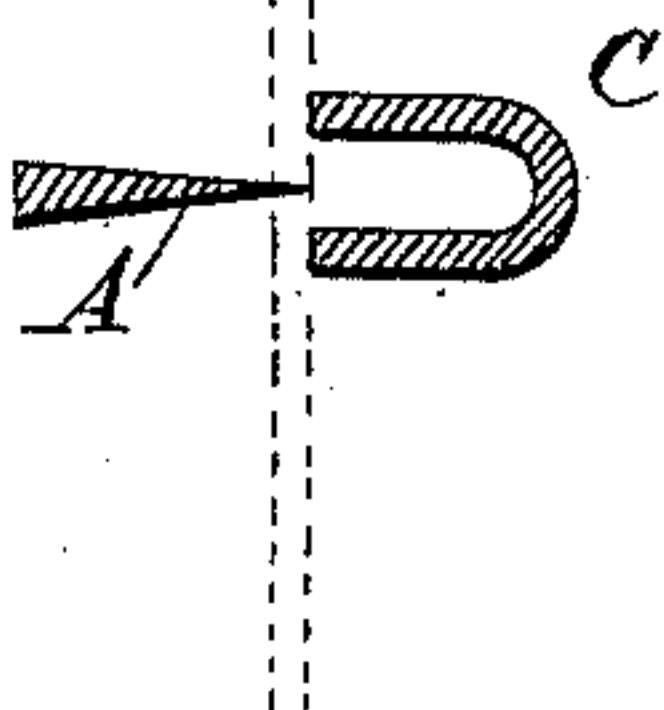


Fig: 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

BENJAMIN FRANKLIN WALKER, OF ALLENTOWN, NEW YORK.

THREAD-CUTTER.

SPECIFICATION forming part of Letters Patent No. 324,616, dated August 18, 1885.

Application filed June 14, 1884. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN F. WALKER, of Allentown, Allegany county, New York, have invented a new and Improved Thread-Cutter, of which the following is a full, clear, and exact description.

My invention is an improvement in the class of thimbles provided with a thread-cutter; and it consists in the relative construction and arrangement of a thread cutter and guard, as hereinafter described and claimed.

The thread is passed in between the guard and the blade, and is cut by the blade.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a thimble provided with my improved thread-cutter. Fig. 2 is a side view of the same, and Fig. 3 is an enlarged cross-sectional view of the guard and blade on the line *x x*, Fig. 1.

On the outer surface of the thimble A a blade, B, is secured, near or at the upper end, which blade is parallel with a transverse plane of the thimble—that is, it is parallel with a plane at right angles to the longitudinal axis of the thimble. The knife or blade is secured to the thimble along the entire edge of the blade, and no projecting points or prongs are formed by the blade. The width of the blade increases from the ends to the middle, so as to form an inclined or beveled cutting-edge.

A grooved guard, C, is secured at one end on the thimble in such a manner that it projects over the blade, the free end of the guard being a short distance beyond the end of the blade and a short distance from the thimble, so that

the thread F can easily be passed into the space between the guard and the blade, as shown in Fig. 1.

The end of the guard C and its outer edge are rounded for the purpose of preventing its catching on the articles being sewed.

The curved edge of the blade B faces the groove or opening of the guard, which has a U-shaped cross section, and also projects more or less into said groove, as is necessary, in order that the thread may be pressed against the blade and thereby severed when drawn between it and the guard.

If the thread is held between the thumb and first finger and is drawn taut, and the second finger, on which the thimble is held, is moved downward, the thread passes in between the blade and the guard and is cut.

In sewing, the right hand is always drawn upward at an inclination from the left to the right, and the work, thread, &c., slide over the rounded fixed end of the guard and thus cannot catch on the knife or blade. A sidewise or downward movement of the fingers will be made in cutting the thread.

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

The thimble provided with the cutting-blade A, arranged parallel to a plane transverse thereto, and having a rounded edge, and the guard C, which is similarly arranged, and has a lengthwise groove in its inner side to receive said blade, all as shown and described, to operate as specified.

BENJAMIN FRANKLIN WALKER.

Witnesses:

WILLIAM F. ROBINSON,
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