

(Model.)

E. A. JOHNSON.

BINDING EYELET.

No. 309,958.

Patented Dec. 30, 1884.

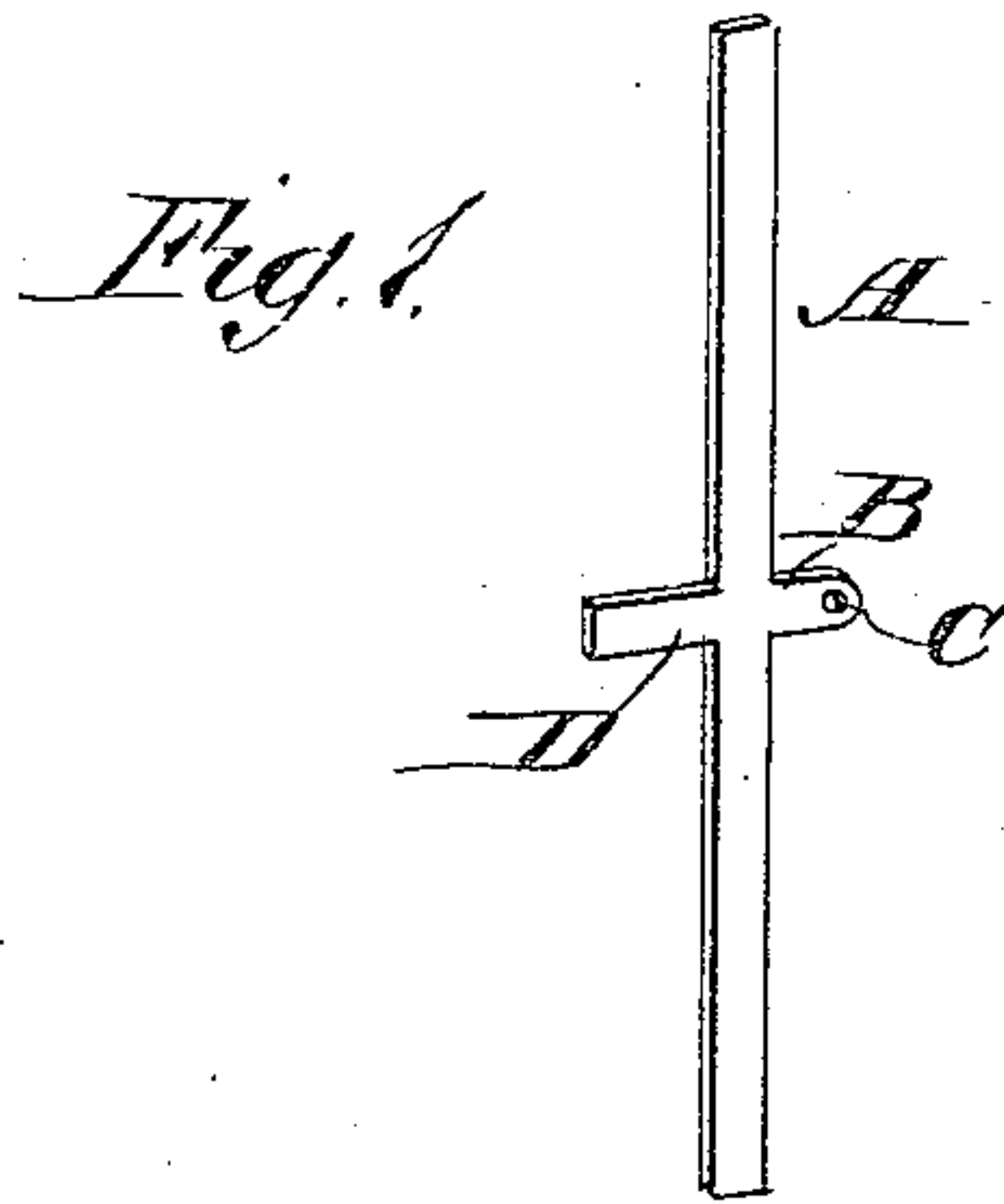


Fig. 2.

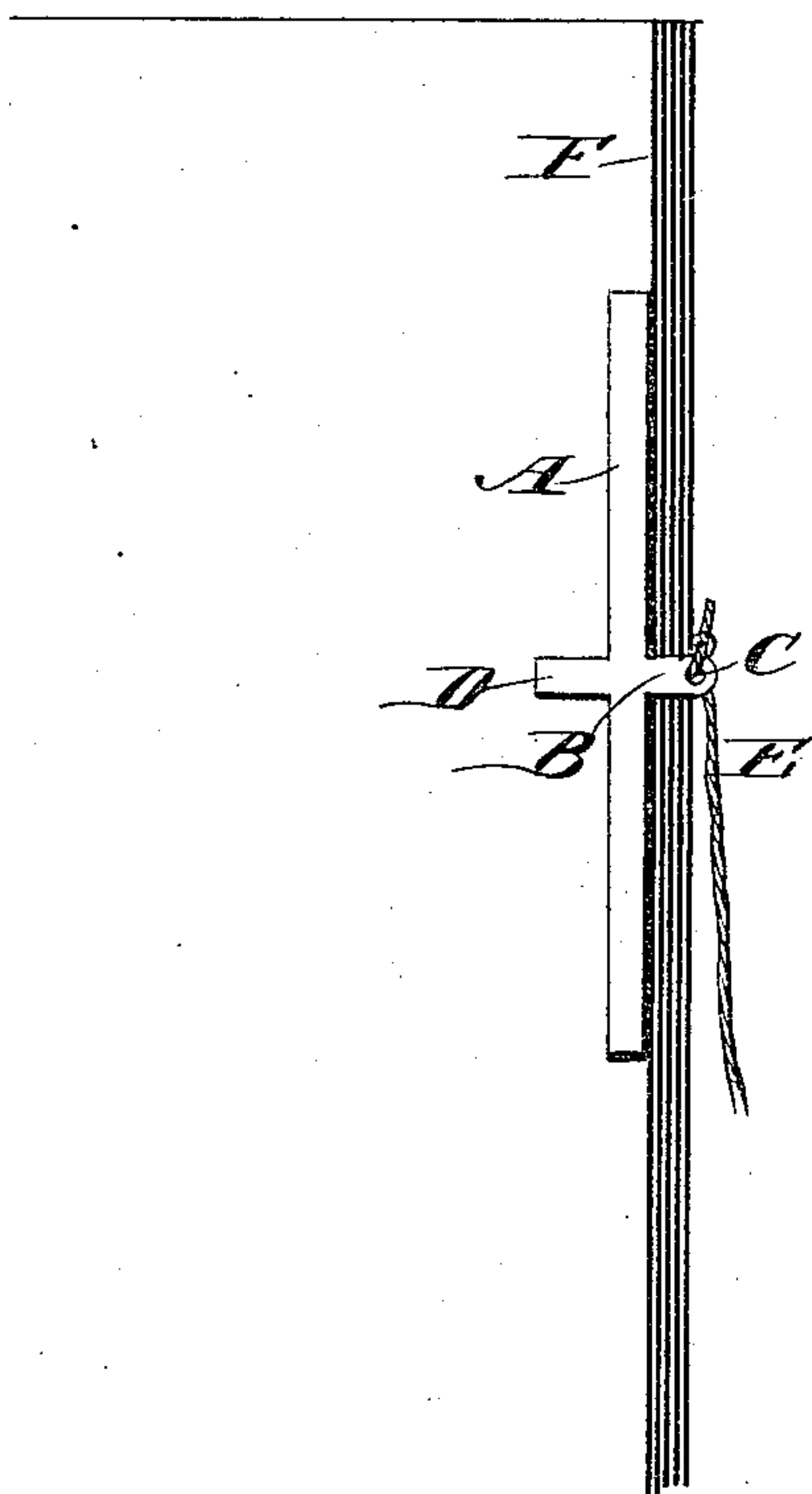
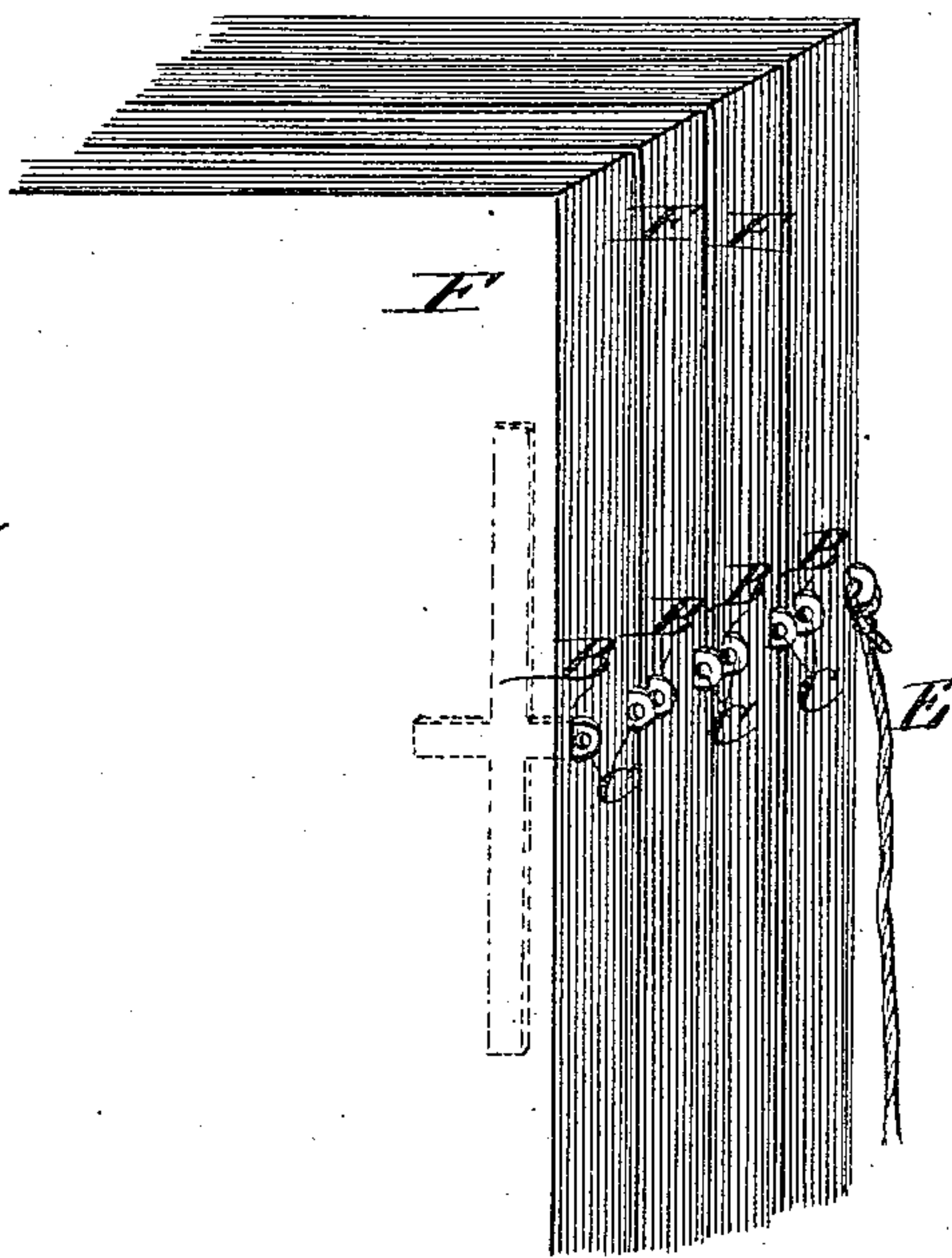


Fig. 3.



WITNESSES:

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EDWIN ALFRED JOHNSON, OF ALLEGHENY CITY, PENNSYLVANIA.

BINDING-EYELET.

SPECIFICATION forming part of Letters Patent No. 309,958, dated December 30, 1884.

Application filed March 21, 1884. (Model.)

To all whom it may concern:

Be it known that I, EDWIN A. JOHNSON, of Allegheny City, in the county of Allegheny and State of Pennsylvania, have invented a new and Improved Binding-Eyelet, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved binding-eyelet or device for binding papers, magazines, sheets, &c., rapidly and conveniently.

The invention consists of a binding-eyelet of peculiar construction, as hereinafter fully described, and pointed out in the claim.

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 perspective view of my improved binding-eyelet. Fig. 2 is a side view of the same, showing the manner it holds the sheets, which are shown in section at the folds. Fig. 3 is a perspective view of a series of magazines or packages of sheets provided with my improved binding-eyelet.

A thin and narrow strip, A, of metal is provided at its middle, on one edge, with a projecting ear, B, in which a slot or aperture, C, is made at or near the free or outer end, and a like ear, D, without apertures, is formed on the opposite edge, the ear D projecting in the opposite direction of the ear B. The sheets, F, to be bound are placed within each other, and at the fold they are perforated by means of a knife or other suitable implement, and the ear B is passed through the apertures in such a manner that the apertured end of the ear is outside of the sheets and the strip A is within and between the sheets, against which it bears as a brace. A number of magazines or packages of sheets are provided with the binding-eye, in the manner described, and placed together, and a cord or wire, E, is passed through the several apertures C, and its end tied or otherwise secured to prevent it from being

withdrawn from the apertures when the packages of sheets will be bound together. The strips A and the ears B serve as a brace to stiffen the sheets, &c., and hold them in place.

If the magazines or packages to be bound are large, two eyelets for each may be employed, as shown in Fig. 3. The ears D serve as handles to insert the strips. One eye is used at the top and one at the bottom; or three eyes may be used—one at the top, one at the middle, and one at the bottom; or six eyes can be used—two at the top, two at the middle, and two at the bottom. The strips are to be made of sheet-brass, iron, copper, or other metal, or of wire. The ears B of the several signatures or packages of sheets must be in straight lines. Signatures, &c., can easily be added as may be necessary, or can easily be removed. The volume can be bound easily and rapidly. The cost of the binding-eye is very small. The books thus formed are flexible and firm. These eyelets can be used for binding ordinary writing-paper, printed matter, manuscripts, magazines, &c., to preserve them for rebinding or for use as volumes, in permanent and convenient form.

I am aware that a bar provided with an apertured ear at each end is old, and I therefore do not claim such invention.

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

As an improved article of manufacture, a binding-eyelet consisting of a strip of metal, A, provided with an apertured ear, B C, projecting from one edge at about the middle of its length, and with the ear D, projecting from the diametrically-opposite edge, and in an opposite direction to that of the apertured ear, as set forth.

EDWIN ALFRED JOHNSON.

Witnesses:

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