

(No Model.)

E. W. NEWBERRY.
SHOCK COMPRESSOR.

No. 518,350.

Patented Apr. 17, 1894.

Fig. 1.

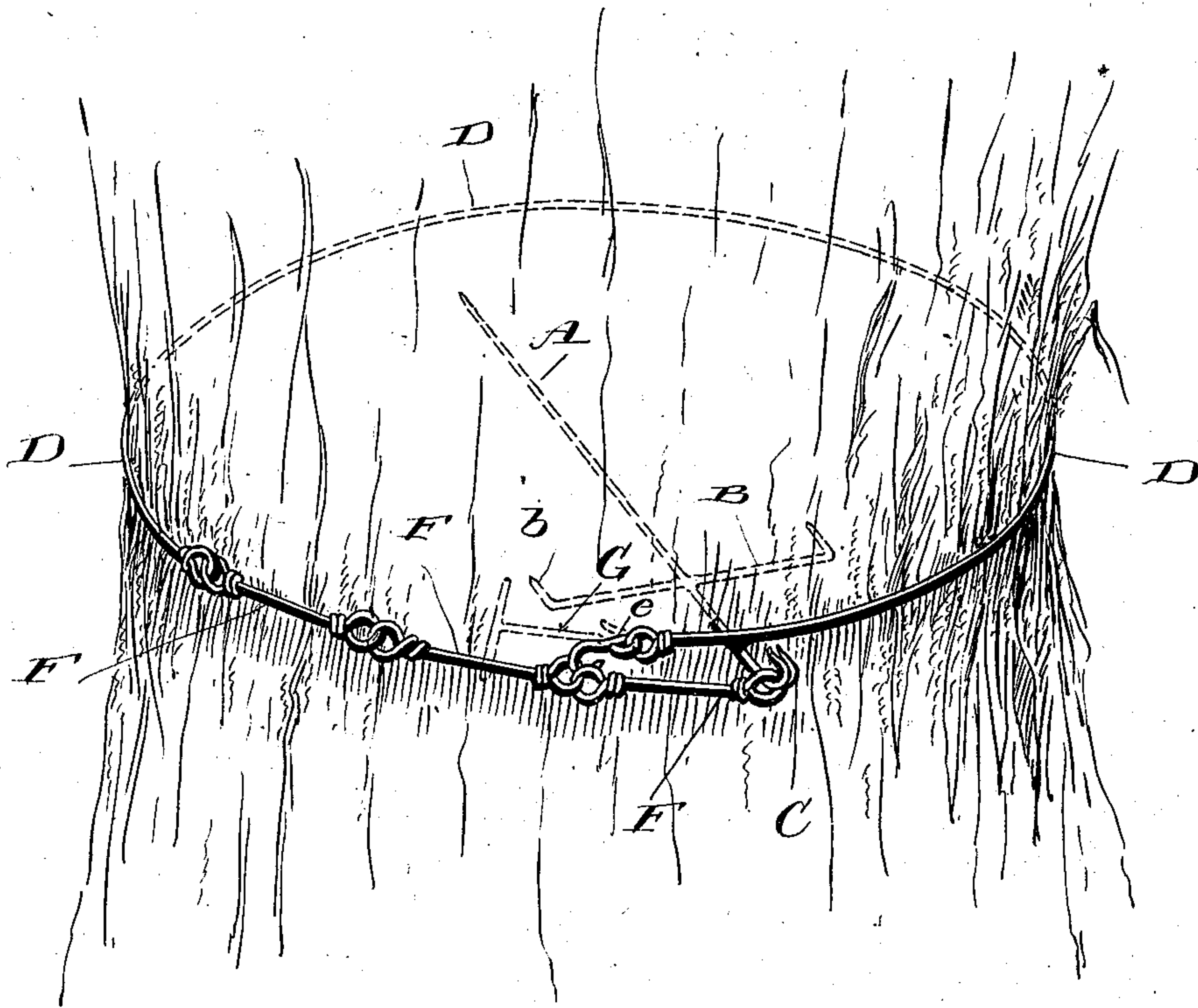


Fig. 2.

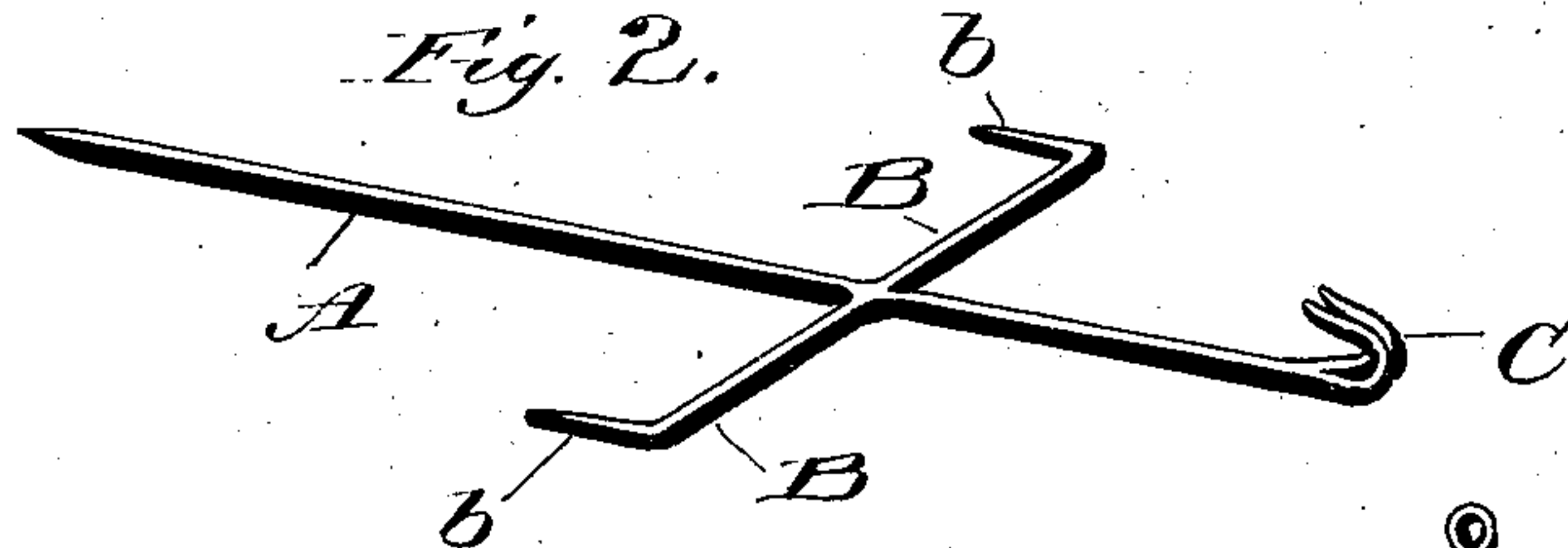


Fig. 3.

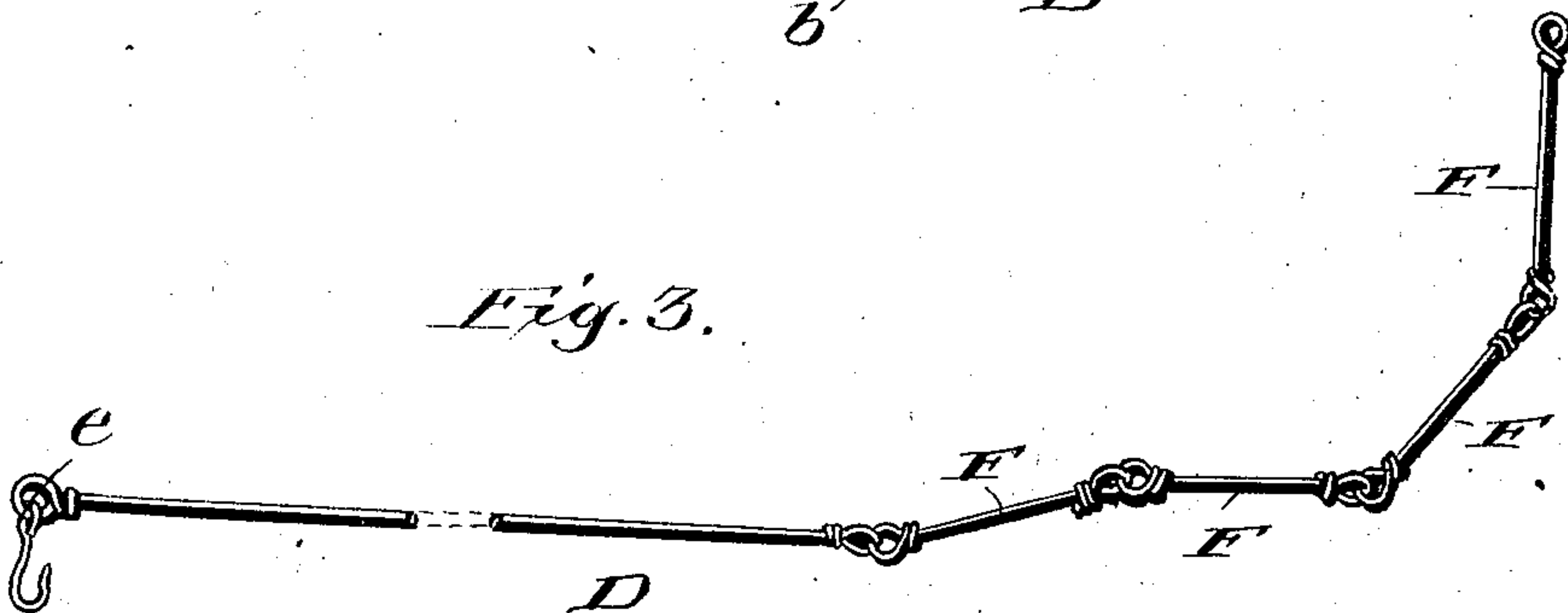


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

EZRA WALTER NEWBERRY, OF LANE, KANSAS.

SHOCK-COMPRESSOR.

SPECIFICATION forming part of Letters Patent No. 518,350, dated April 17, 1894.

Application filed January 18, 1894. Serial No. 497,314. (No model.)

To all whom it may concern:

Be it known that I, EZRA WALTER NEWBERRY, a citizen of the United States, residing at Lane, in the county of Franklin and State of Kansas, have invented certain new and useful Improvements in Shock-Compressors; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in compression corn shockers, and the aim is to produce an invention which is simple in construction, and owing to the ease of its adjustability, and the durability of the material used in its manufacture, the shockers can be repeatedly used from year to year. In my invention, I employ a metallic rod with lateral projecting arms with their ends bent, which is thrust into the shock, a wire, with a series of links secured to one end, is placed over a hooked projection of the aforesaid rod, and by means of a hand hook, the wire is passed around the shock, and the wire drawn to compress the shock, and the hooked end of the wire is secured into any notch to hold the shock in a compressed state.

My invention consists further in the novel construction and adaptation of the parts as will be hereinafter more fully described and then specifically defined in the appended claim.

I clearly illustrate my invention in the annexed drawings, which form a part of this specification, and in which like letters of reference indicate like parts throughout the several views, in which—

Figure 1, represents a perspective view of a shock of corn bound by my adjustable shocking device. Fig. 2, is a detail view of the rod which enters the shock; Fig. 3 a detail of the wire and links of the binding strip, and Fig. 4 a view of the hand hook for tightening the wire.

Reference now being had to the details of the drawings by letter, A, represents a metallic rod of any convenient length, having

two lateral projecting arms B, their free ends bent, as at *b, b*, so as to be parallel with the rod A, to more securely hold the rod against a lateral pressure, and the end C is bent to form a hook.

D is a wire several feet in length, provided at one end as at E with a hook *e*, its other end joined to a series of links F, F, and G is a hand hook for tightening the wire about the shock.

The application of my compressor is as follows:—first the bar or rod A is thrust into the shock so that the downwardly inclined ends *b* of the lateral arms B, will engage with the grain to be shocked, and prevent the rod from turning about; the end of the wire, carrying the hook *e* is hooked into the hand hook G, the link end of the wire looped over the bent end C of the rod A, the wire passed around the shock, and when the shock is sufficiently compressed, the hook *e* is caught into any convenient link, and the shock is held in a compressed condition until the wire is removed.

The wire compressors present great advantages over cords which are ordinarily used for the purpose of binding, and which are apt to wear and break.

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

In a shock compressor as described, the combination of a metallic rod having lateral extending arms with bent ends *b* parallel with the rod A for engagement with a shock of grain, and a wire composed of one long piece, and a series of links, of a hook carried by the end of the long part of the binding wire, the link end of the binding strip adapted to be looped over a hooked portion C, the said binding wire to be passed around the shock, by means of a hand hook, and the hook *e* engaged in a link portion of the binding strip, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

EZRA WALTER NEWBERRY.

Witnesses:

S. JAMES J. MCCABE,
C. P. CONN.