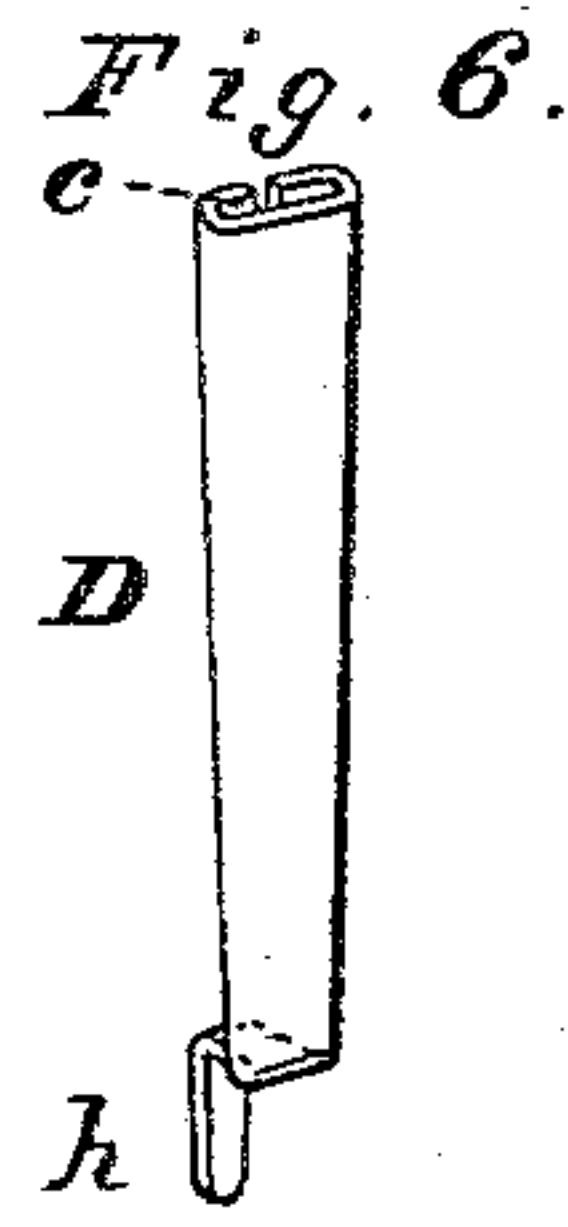
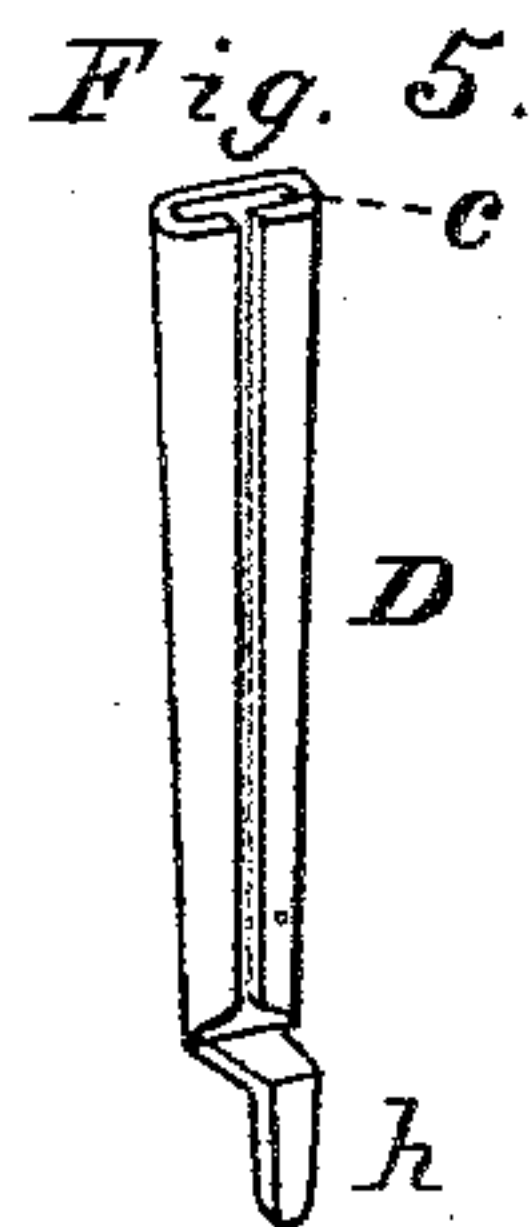
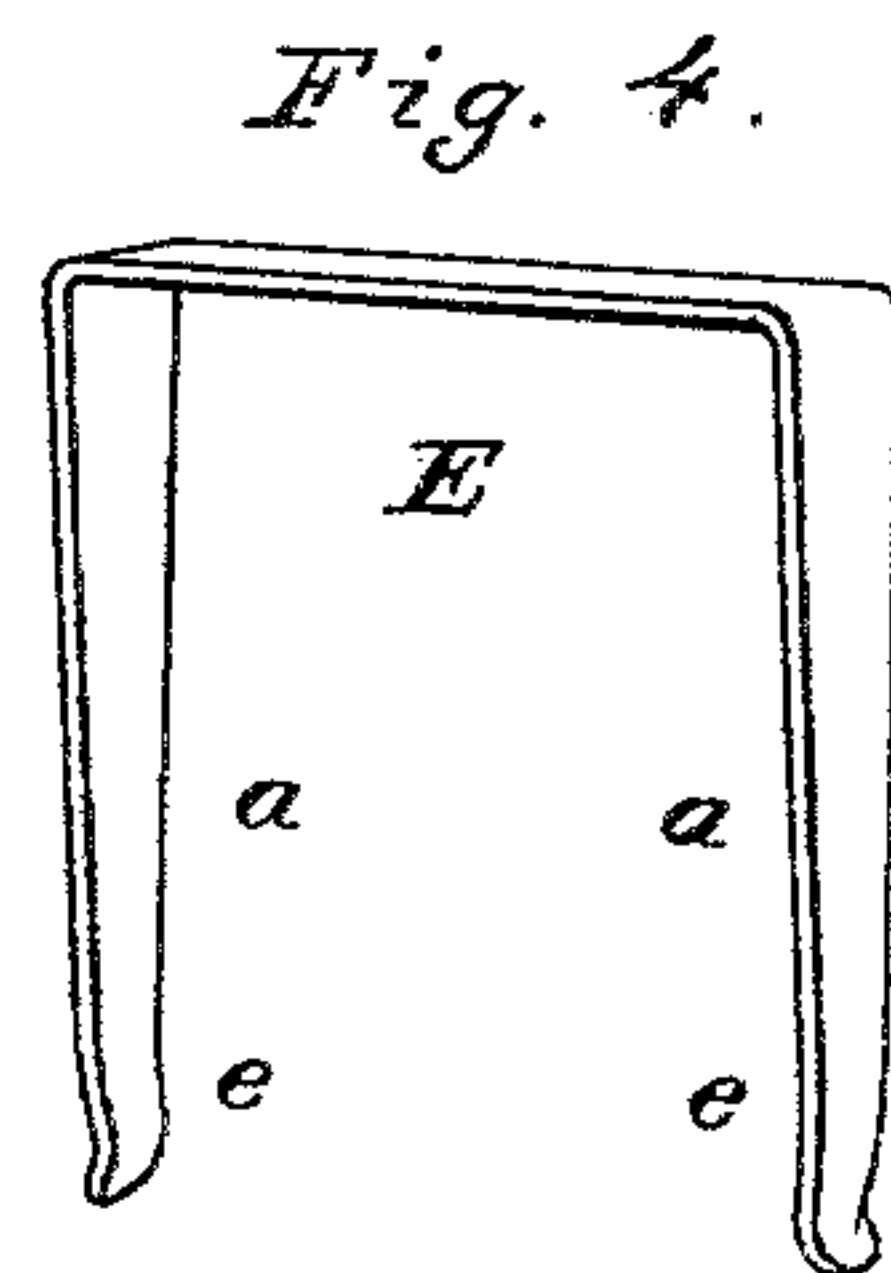
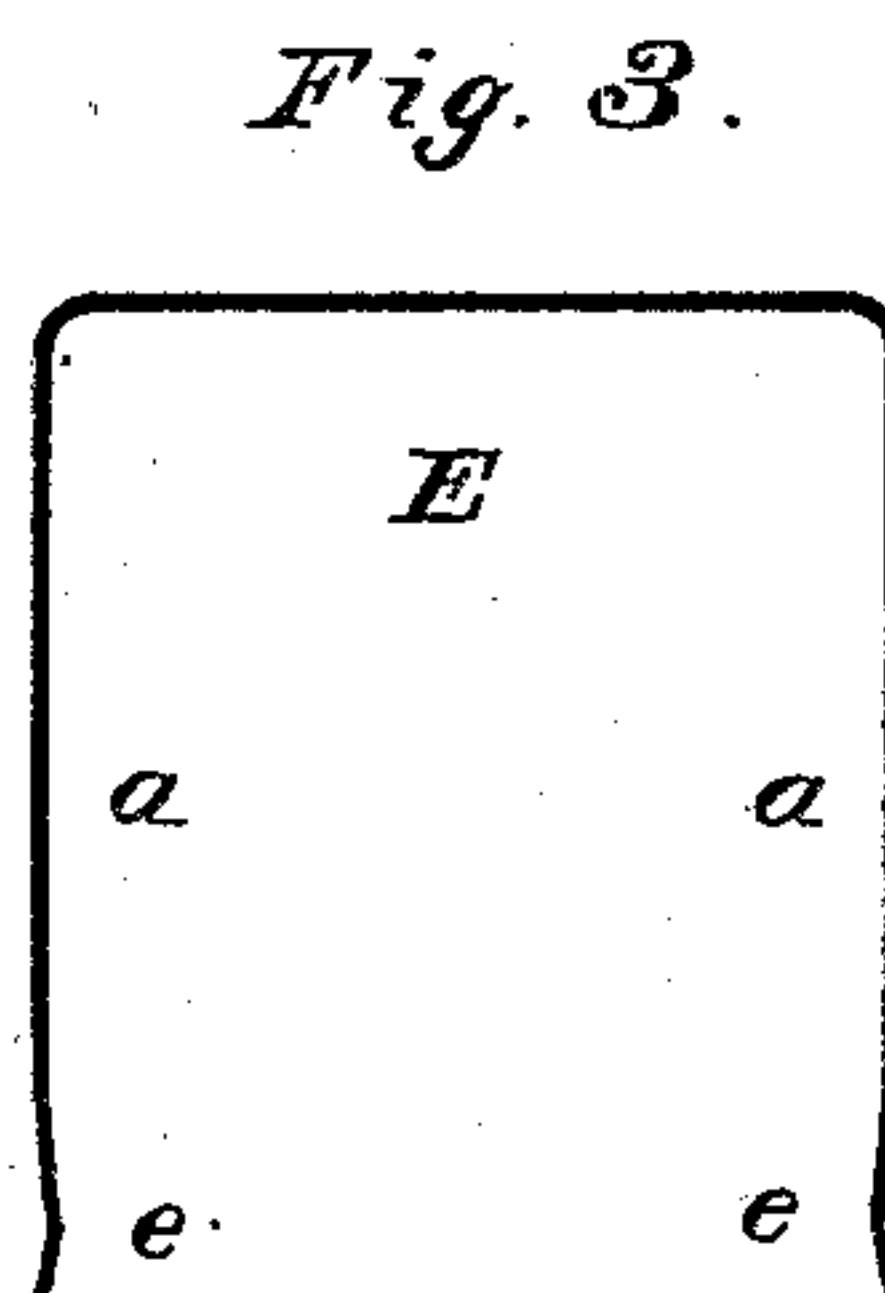
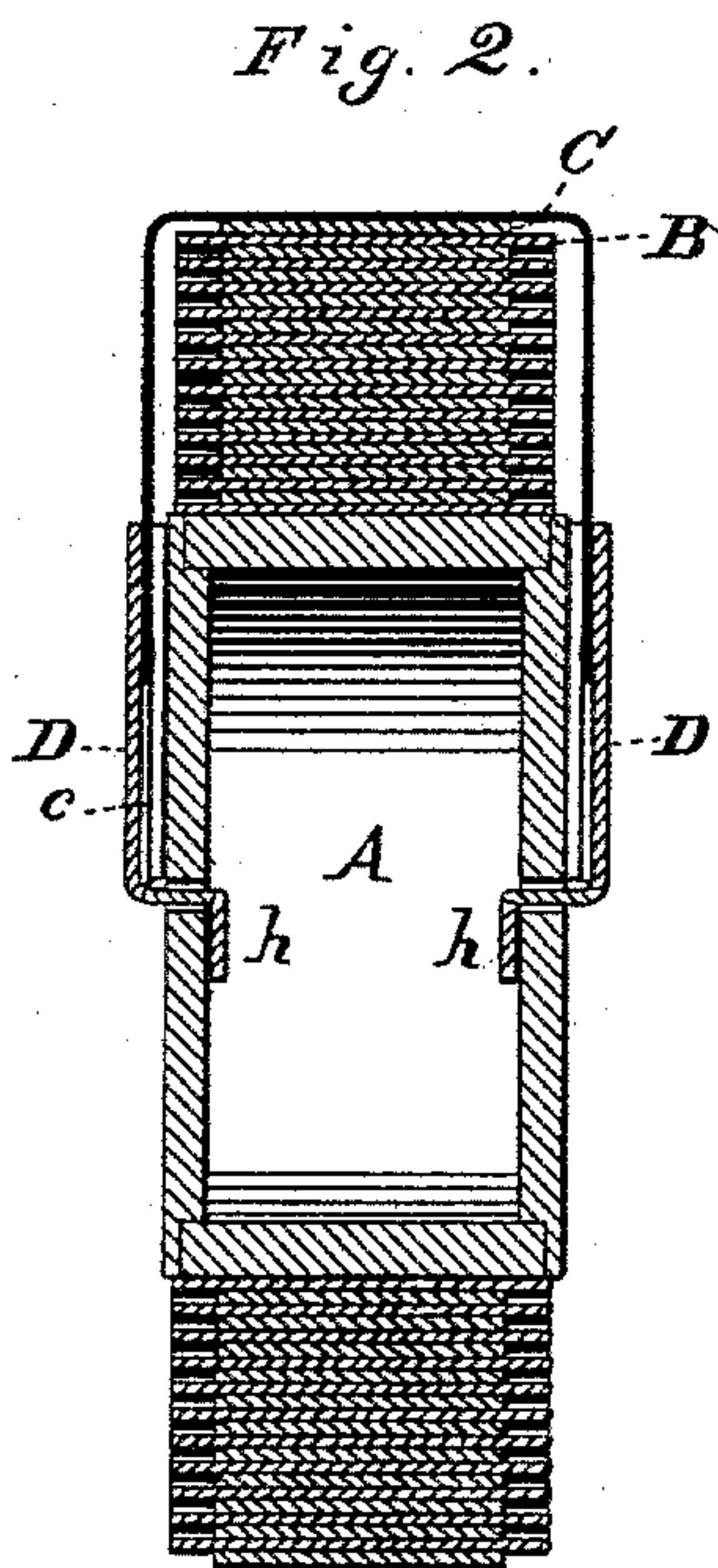
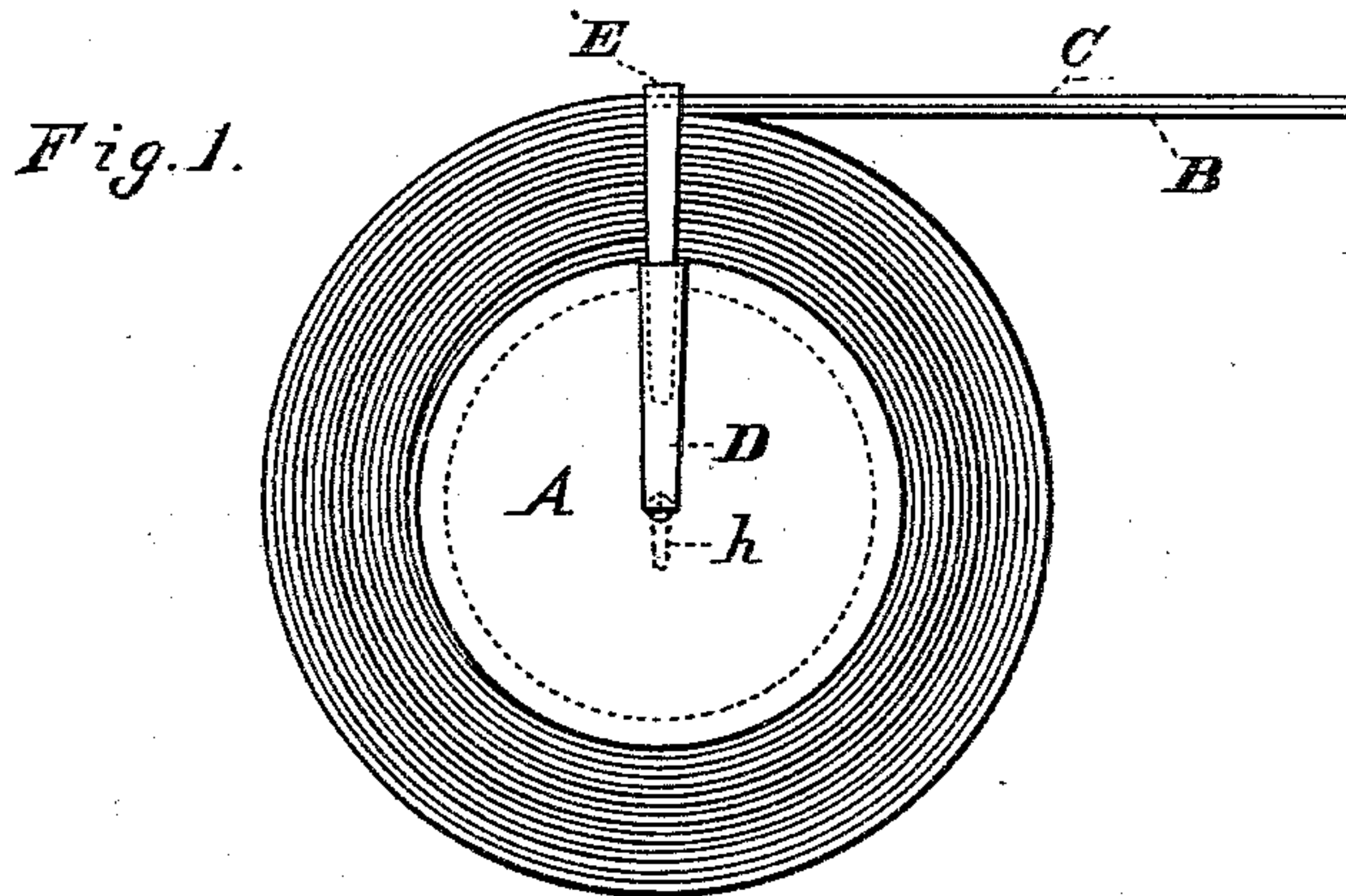


(No Model.)

C. PETTIT.
SPOOLING ATTACHMENT.

No. 414,574.

Patented Nov. 5, 1889.



WITNESSES
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UNITED STATES PATENT OFFICE.

CHARLES PETTIT, OF LINCOLN, NEBRASKA, ASSIGNOR OF ONE-HALF TO
CHARLES STEPHENSON PETTIT, OF SAME PLACE.

SPOOLING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 414,574, dated November 5, 1889.

Application filed June 4, 1889. Serial No. 312,782. (No model.)

To all whom it may concern:

Be it known that I, CHARLES PETTIT, a citizen of the United States, and a resident of Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Spooling Attachments; 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 letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention and is a side view. Fig. 2 is a vertical section. Fig. 3 is a detail and shows a front view of the strap or guide, and Fig. 4 is a perspective view of the same. Figs. 5 and 6 are details and perspective views of the side arms.

This invention relates to attachments for spools and cylinder-bolts upon which goods are wound; and it consists in the construction and novel combination of parts, as hereinafter described, and pointed out in the claim.

In the accompanying drawings, the letter A indicates the spool or cylindrical winder, and B a measuring-strip, which is interwound with the goods C on the spool.

D D indicate hollow flattened arms pivoted at their lower ends—one on each side—at or near the axial of the spool to engage the extensions *a a* of the adjustable metallic strap or bracket E.

The two arms D of the spool attachment are usually made tapering toward their pivotal

ends, and are preferably formed by bending the metal under upon itself at the sides to provide slideways *c c* for the reception of the extensions or arms *a a* of the strap or guide E. The pivotal ends *h* of said arms D are bent usually in angular form, as indicated in the drawings, to provide pivots therefor and to engage the inner face of the spool-wall to retain the arm in position. The extensions *a a* of the strap, bracket, or guide E are bent slightly at their ends out of plane, as indicated at *e*, to provide spring-like bearings to bind said extensions in the slideways *c* of the arms by elastic friction, while permitting the adjustment of the bracket to suit the varying thickness of the windings on the spool.

The measure-strip B is graduated in inches and fractions of a yard, and when interwound with the goods around the spool is retained in place by the pressure of the bracket E.

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

In a measuring and holding device for ribbons and other goods, the combination, with the spool A, of the hollow arms D, having slideways and pivotal fastening ends, of the bracket or strap E, having arms bent at their ends and adapted to slide in an adjustable manner in the slideways of the arms D to hold the goods on the spool, substantially as specified.

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

CHARLES PETTIT.

Witnesses:

L. M. COPPS,
H. J. WHITMORE.