

(No Model.)

E. H. BACON.
RIBBON BOX AND REEL.

No. 283,949.

Patented Aug. 28, 1883.

Fig. 1.

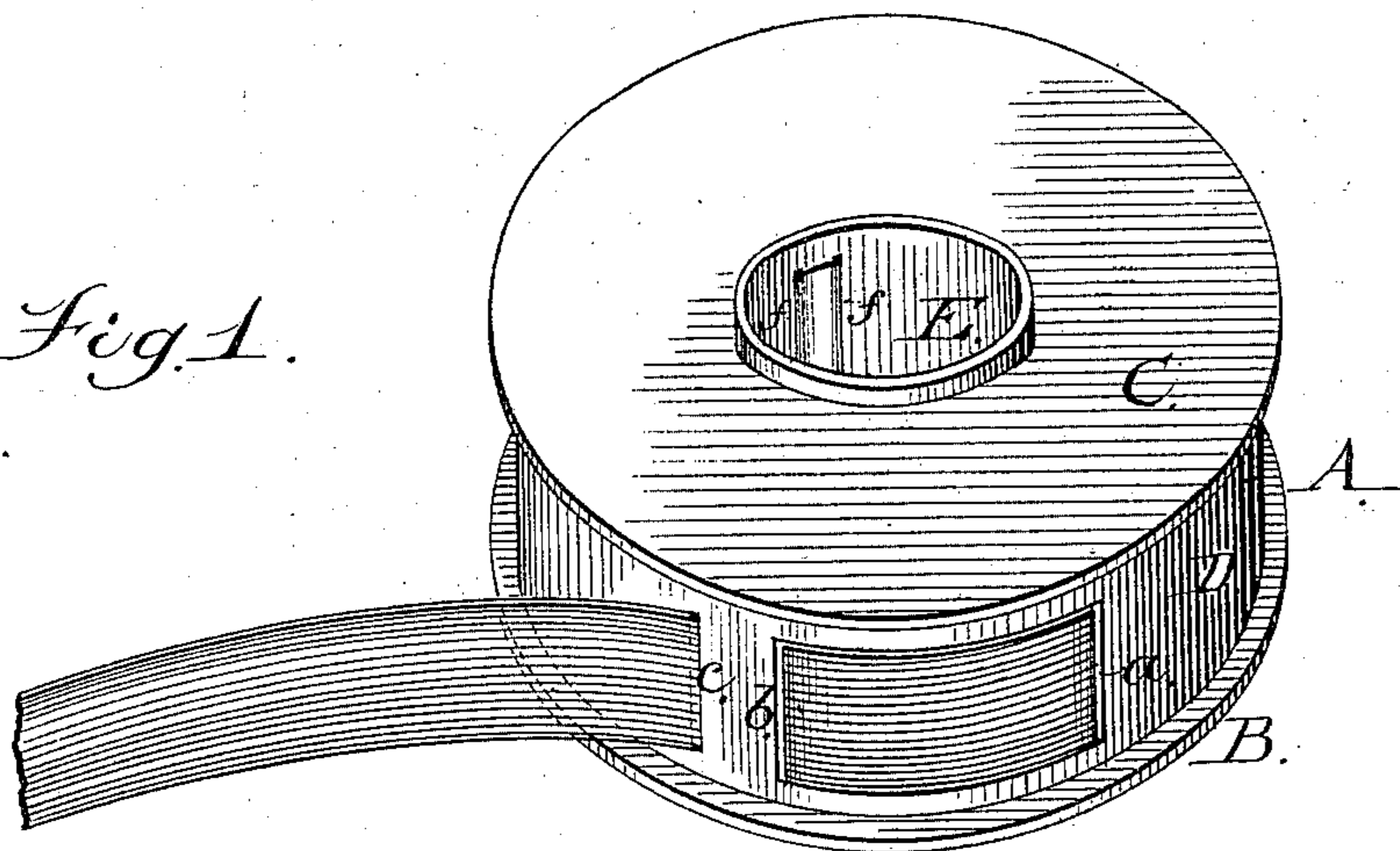


Fig. 3.

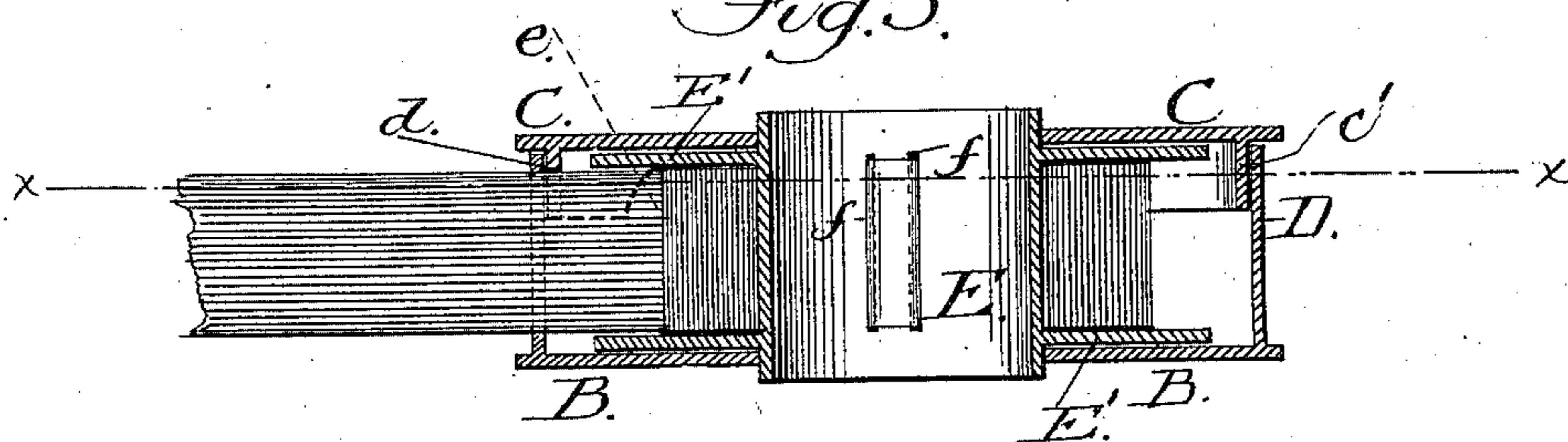
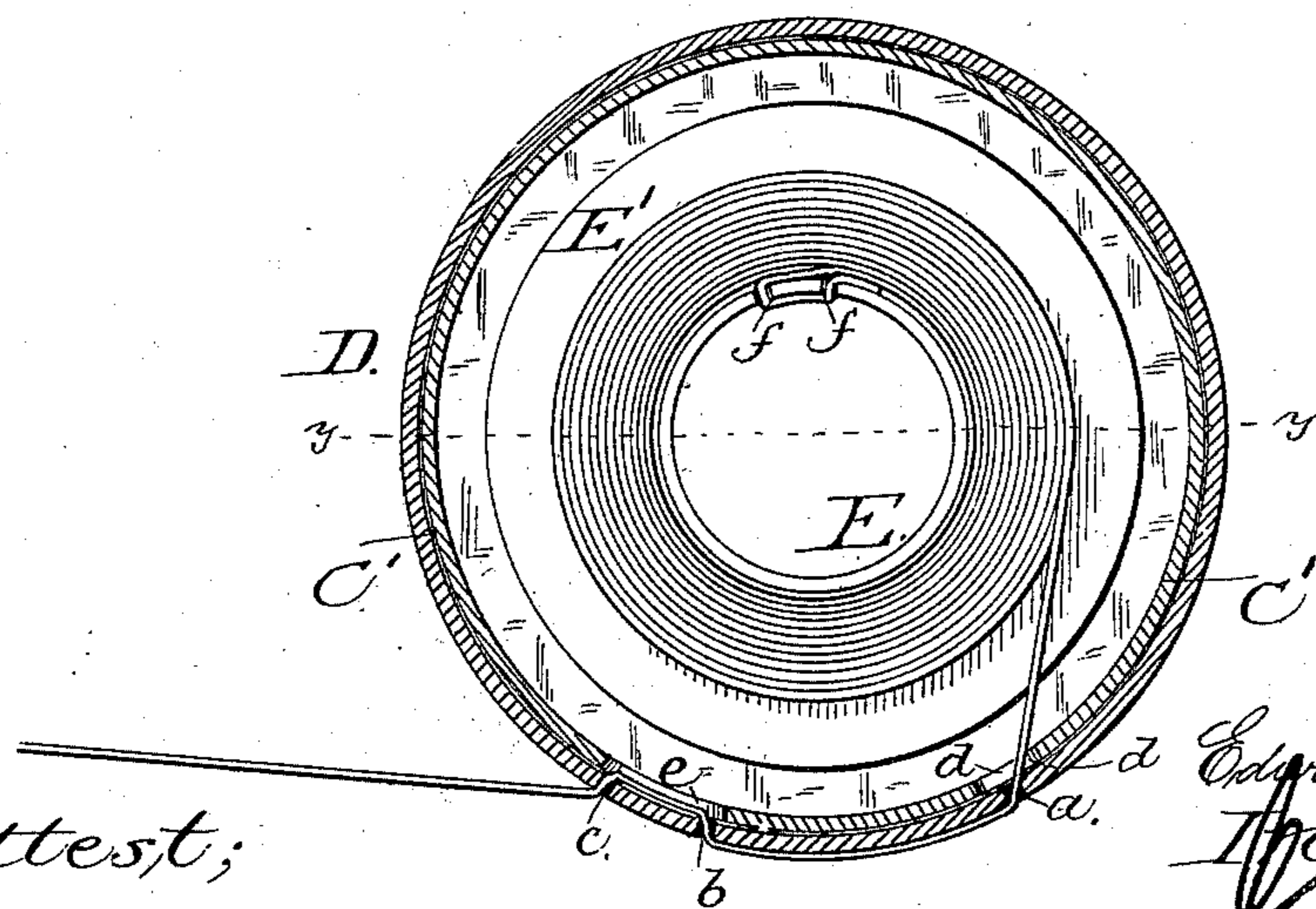


Fig. 2.



Attest;

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UNITED STATES PATENT OFFICE.

EDWARD H. BACON, OF LA PRAIRIE, ILLINOIS.

RIBBON BOX AND REEL.

SPECIFICATION forming part of Letters Patent No. 283,949, dated August 28, 1883.

Application filed July 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, EDWARD H. BACON, a citizen of the United States of America, residing at La Prairie, in the county of Adams and State of Illinois, have invented certain new and useful Improvements in Ribbon Boxes and Reels; and I do hereby 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.

This invention relates to certain new and useful improvements in packages or boxes for storing and protecting ribbons and other similar articles of manufacture, its object being to provide a two-part case, the interior being adapted to receive the ribbon, while the exterior covers the interior reel and forms a handy package for storage; and to this end my invention consists in a box which is provided with a central cylindrical reel having circular side wings secured to the central cylinder, which cylinder projects slightly beyond the same, and is provided with two transverse slots, said reel being inclosed within a box having slotted edges and a centrally-perforated top and bottom for the reception of the reel and the central cylinder, as will be hereinafter more fully set forth, and pointed out in the claim.

This invention is intended more especially to obviate certain defects upon boxes used for this purpose, one of its objects being to save storage-room, as there are no projecting portions beyond the side of the box; second, to provide a means whereby a sample of the ribbon or other fabric will be exposed to view; and, third, to provide a means whereby the reel may be readily wound, which is accomplished by grasping the box with one hand and turning the reel with the other.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view. Fig. 2 is a transverse section through the line *x x*, and Fig. 3 a section taken through the line *y y*.

In the annexed drawings, A represents the outer casing, which consists of two parts, B

and C, and a central strip, D, which is of the width of the ribbon or other fabric which it is desired to inclose within the box. This strip D is provided with three perforations, *a b c*, which are located at about the central portion of the connecting-strip D. The cover C, which forms one side of the box, is also provided with a flange, C', which is cut away at *d* and *e*, which cut-away portion will be opposite to the slots *a b c*. The covers D and C are provided with central openings, as shown.

The box or case hereinbefore described is constructed of suitable paper-board, and is of ordinary construction, with the exception of the parts hereinbefore referred to. Within this box or casing A is placed what I term a "reel," upon which the ribbon or other manufactured article which it is desired to inclose, so as to protect the same, is wound. This reel consists of the central cylinder, E, which is of the same length as the width of the box A, so that the end of said cylinder will rest within the perforations in the sides of the box, and will be flush with the upper part or outer part of the same. This cylinder E is provided with two slots, *f f*, and also with circular sides E', which are provided with a central opening, which is placed over the end of the cylinder E, and slightly below the end of the same. This reel is of such construction that it will lie within the box, and will have a bearing upon the sides B and C, so that it can rotate freely therein, and will not project beyond the sides. By this means the boxes may be stored one above the other, as there are no projecting portions.

When it is desirable to secure the ribbon or other article within the box, one end of the same is passed through the slots *f f* of the cylinder E, and the ribbon is then wound upon the same, either by machinery or hand. The opposite end of the ribbon is then passed through the interior of the box, through the slot *a*, and from thence over a portion of the side D into the slot *b*, and from thence out from the slot *c*. By thus arranging the ribbon a part of the same is exposed and a free end is provided for withdrawing the same from the box. The edges of the top are cut away, as hereinbefore referred to, at *d* and *e*, so as to pass over the ribbon and allow a free pas-

sage-way for the same through the slots, and if it should be desirable to bind a ribbon within the box, this may be accomplished by simply turning the cover C, thus causing the cut-away portion *d* and *e* of the cover to bind the ribbon, so that it cannot be withdrawn against the connecting portion B of the box.

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

As an improved article of manufacture, the ribbon-box herein described, consisting of a top having a central perforation and flange,

C', with cut-away portions *d* and *e*, the base B, with central opening, and sides D, with slots *a b c*, and a central reel consisting of a hollow cylinder, E, and circular side flanges, E', rigidly attached thereto, the parts being united and combined substantially as shown, and for the purpose set forth.

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

EDWARD H. BACON.

Witnesses:

B. F. TALBOT,
L. E. THOMAS.