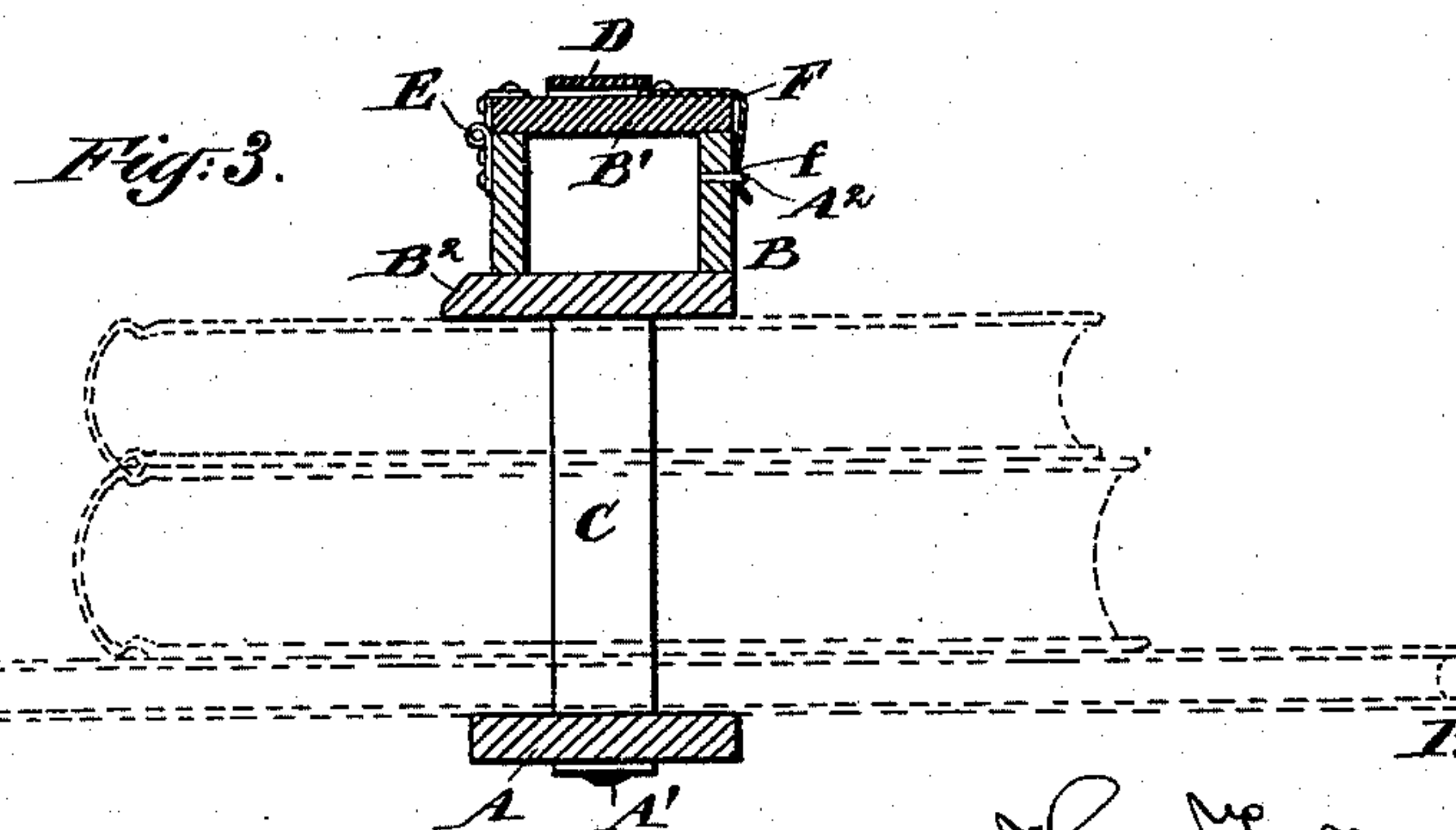
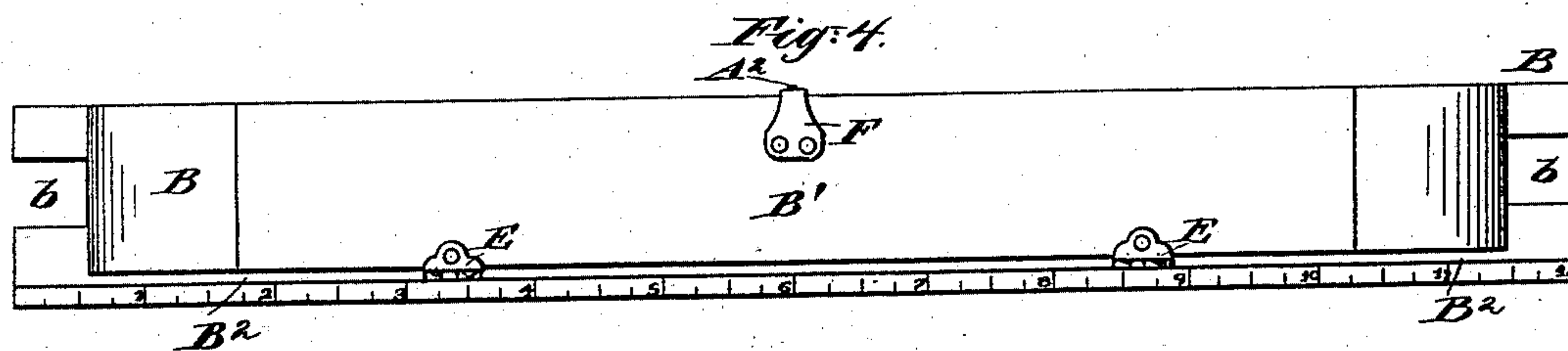
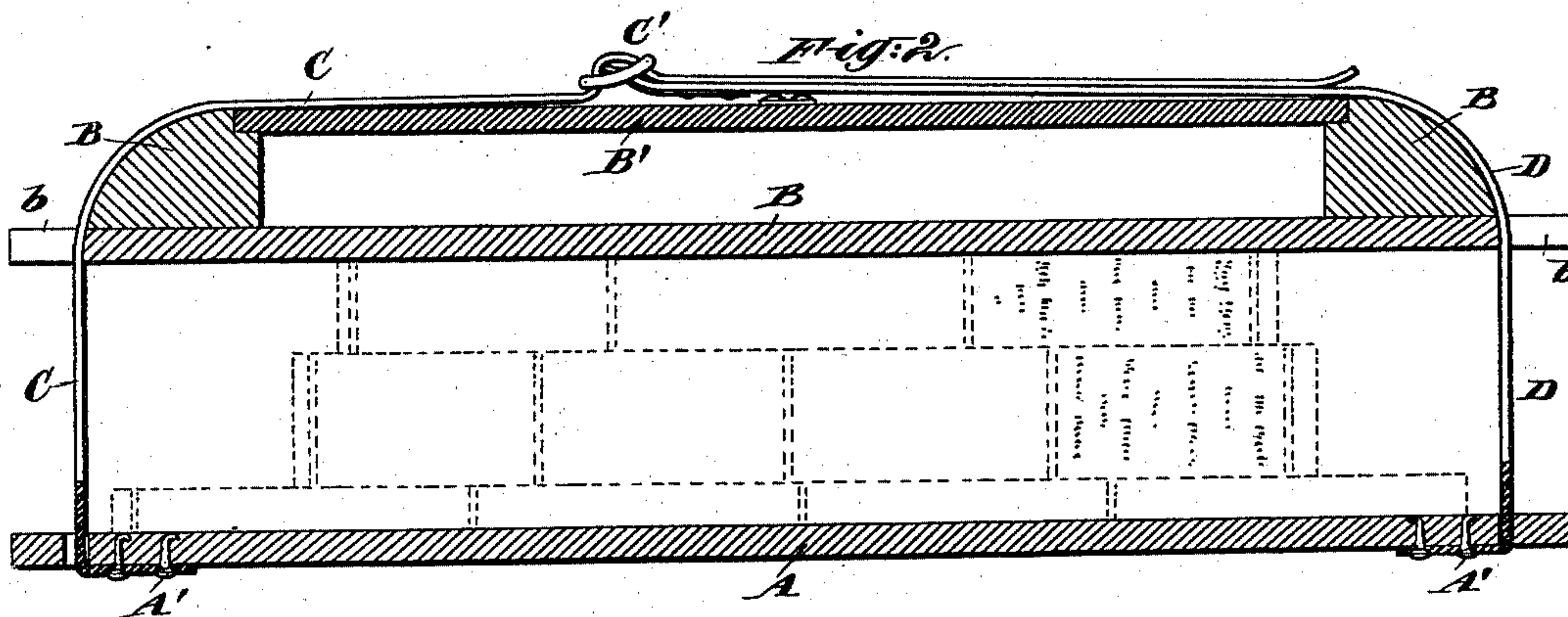
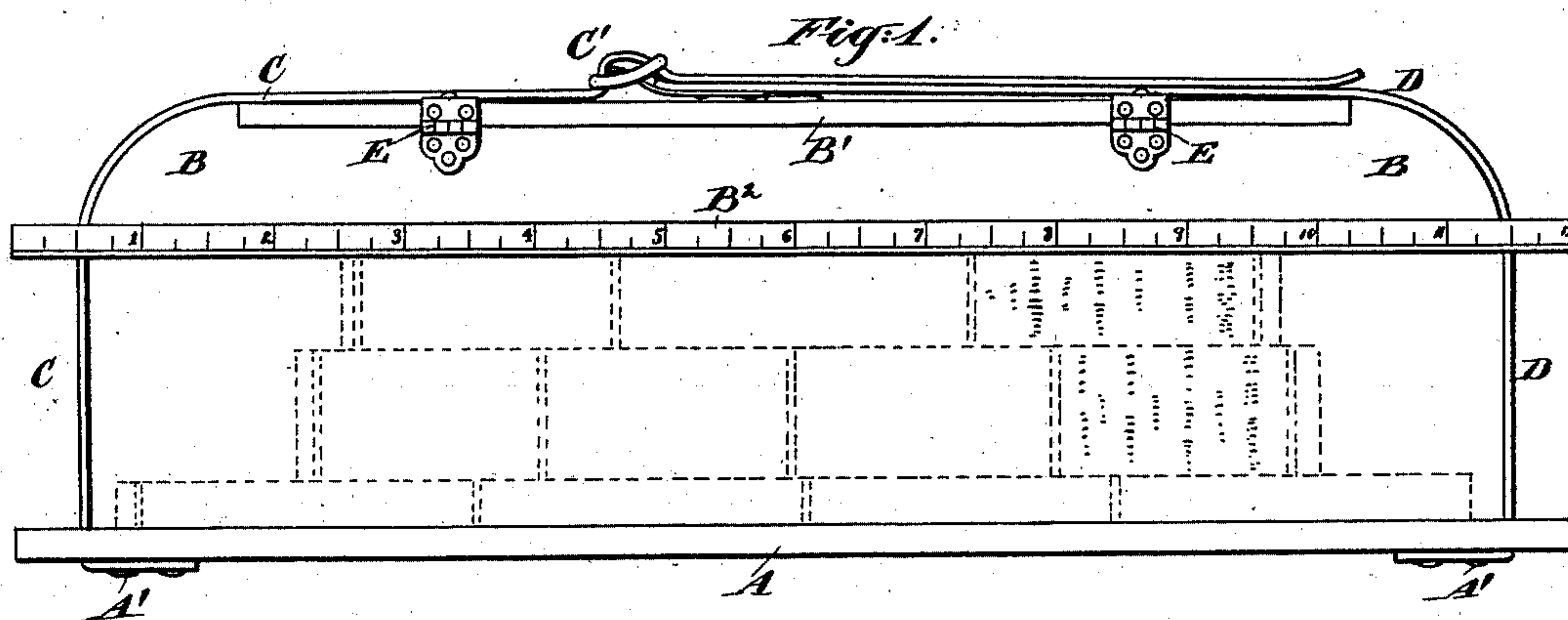


(No Model.)

H. TOLLNER.
BOOK CARRIER.

No. 509,631.

Patented Nov. 28, 1893.



Witnesses:

Charles R. Searle.
M. F. Boyle.

Inventor:

Hugo Bolner
 by his attorney
 Thomas Drew Sutton

UNITED STATES PATENT OFFICE.

HUGO TOLLNER, OF BROOKLYN, NEW YORK.

BOOK-CARRIER.

SPECIFICATION forming part of Letters Patent No. 509,631, dated November 28, 1893.

Application filed August 12, 1893. Serial No. 482,981. (No model.)

To all whom it may concern:

Be it known that I, HUGO TOLLNER, of Brooklyn, Kings county, in the State of New York, have invented a certain new and useful Improvement in a Combined Book-Carrier, Ruler, and Pencil-Box, of which the following is a specification.

The invention relates to a device composed of two rigid members joined by flexible straps, adapted for the use of children and youth, in transporting books to and from school. I have in Letters Patent to me dated February 3, 1880, No. 224,250, set forth a construction of such clamp adapted to hold any ordinary size and number of books, with a box in the upper member or top. I employ the same general construction, and have made improvements which contribute largely to its utility. The top is reliably held while in use by the straps which are received in a deep open slot at each end, but the construction allows it to be easily disconnected to be used separately as a ruler or measure, or both. One edge of the bottom projects beyond the corresponding side of the box, and is beveled and graduated. The cover of the box is connected by hinges, and is held shut by a spring snap. This insures against its being detached and lost.

The accompanying drawings form a part of this specification and represent what I consider the best means of carrying out the invention.

Figure 1 is a side elevation; Fig. 2 a longitudinal vertical section, and Fig. 3 a central transverse section. All these figures show the device in use as a book clamp, the contained books and the slate being indicated in dotted lines. Fig. 4 is a plan view of the top part set free from the other portions, in condition for being used independently as a ruler or measure, or both.

Similar letters of reference indicate corresponding parts in all the figures where they appear.

A is the bottom board, B the top, and B' the cover for the box therein.

C and D are the straps, fastened permanently by rivets A' to the bottom board A, and extending through open slots b, b, at the projecting ends of the top. These are secured together adjustably by a jam-buckle C'.

E E are hinges connecting the cover and the top, and F is a spring catch having a hole f which receives a short pin A², set in the side of the top. The top B is widened at B², and the widened portion B² is flared and graduated. I prefer, as an educational appliance, that the entire length of the device shall be exactly one foot, the graduations properly dividing the length into inches, but the dimensions may be varied. The graduations may show the French measures. In such case the total length may be twenty-five centimeters.

On opening the jam-buckle, books and slate may be put in or taken out, the straps being then again tightened and firmly held by the jam-buckle.

Whenever it is desired to use the top as a ruler or measure, the open slots b, allow its disengagement by the obvious simple movements after the straps have been slackened, and the top is then entirely free and can be used independently, after which it can be promptly and easily returned to its engagement with the straps and base, to serve as a book-holder.

The hinging of the cover avoids the risk that the cover shall be lost; the spring clasp holds it closed simply and reliably, and allows its easy opening when required.

I claim as my invention—

1. The combination with the bottom board A, straps C, D, and adjustable fastenings C', of a rigid top B, having an open slot b at each end, and adapted to serve the triple function of a top clamp, a pencil box and a ruler and measure, as herein specified.

2. The combination with the bottom board A, straps C, D, and adjustable fastening C', of a rigid top B, having an open slot b at each end, a box along its mid-length adapted for holding pencils, pens, &c., and a movable but permanently fastened cover with hinges and spring snap, all arranged to serve substantially as herein specified.

In testimony that I claim the invention above set forth I affix my signature in presence of two witnesses.

HUGO TOLLNER.

Witnesses:

FRED W. MANGER,
OTTO H. HUEBEL.