

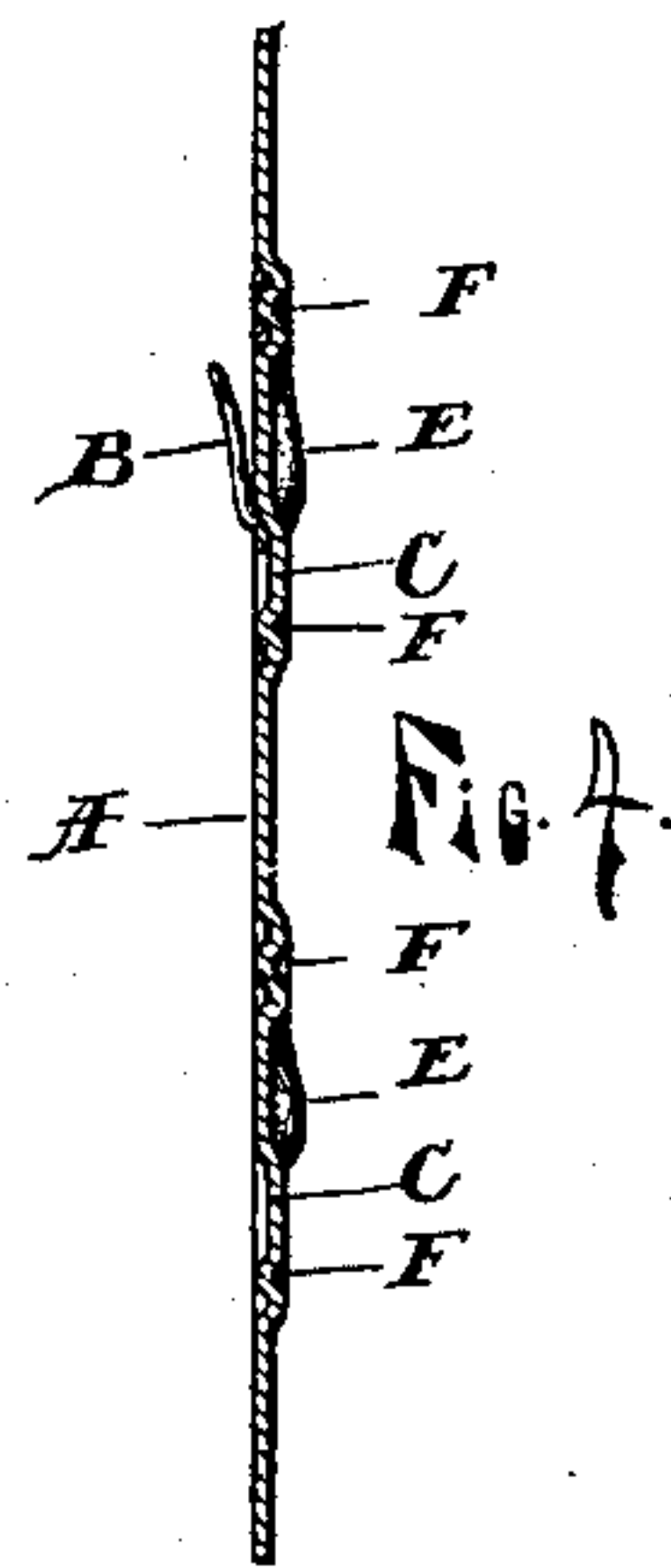
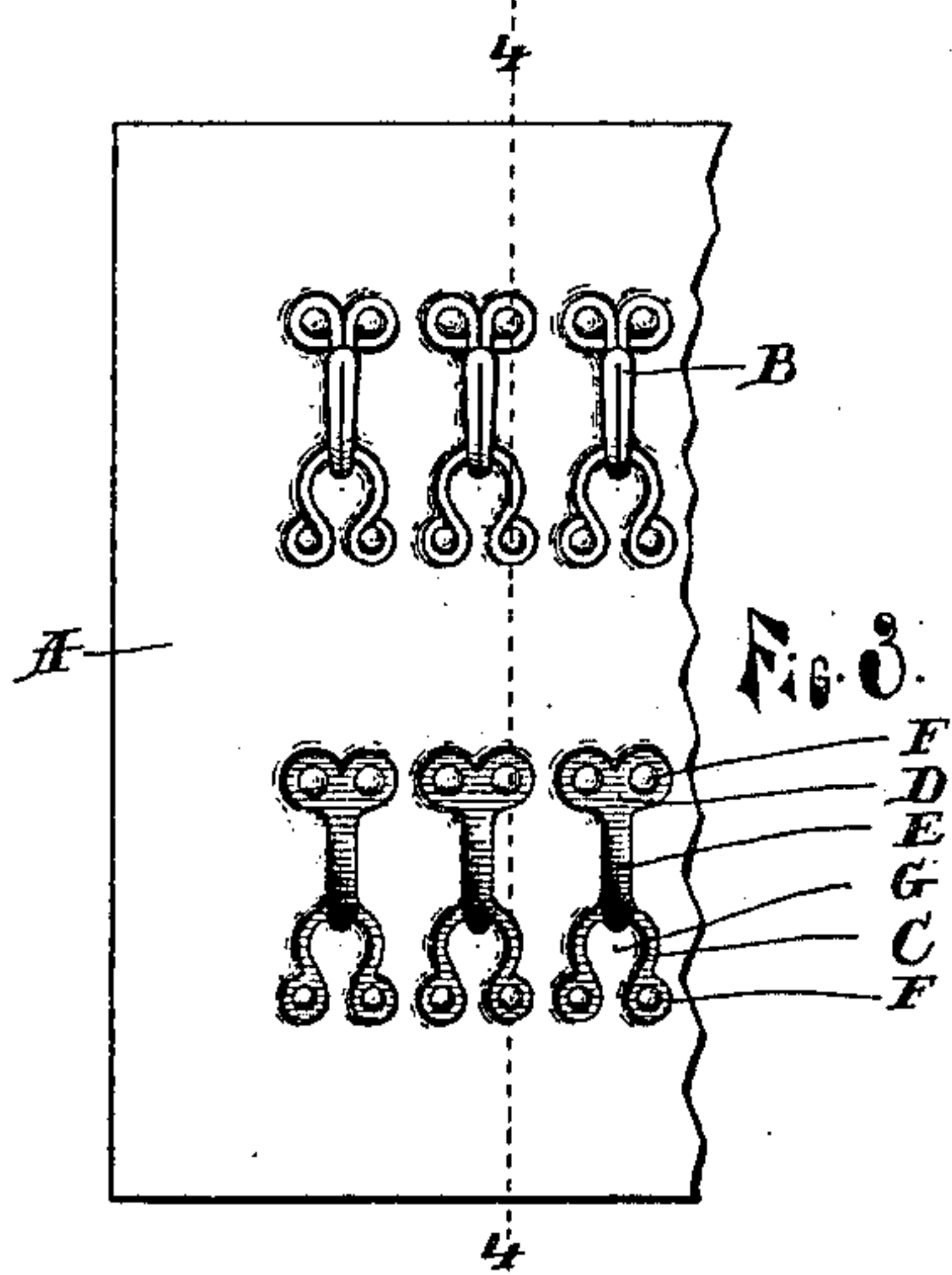
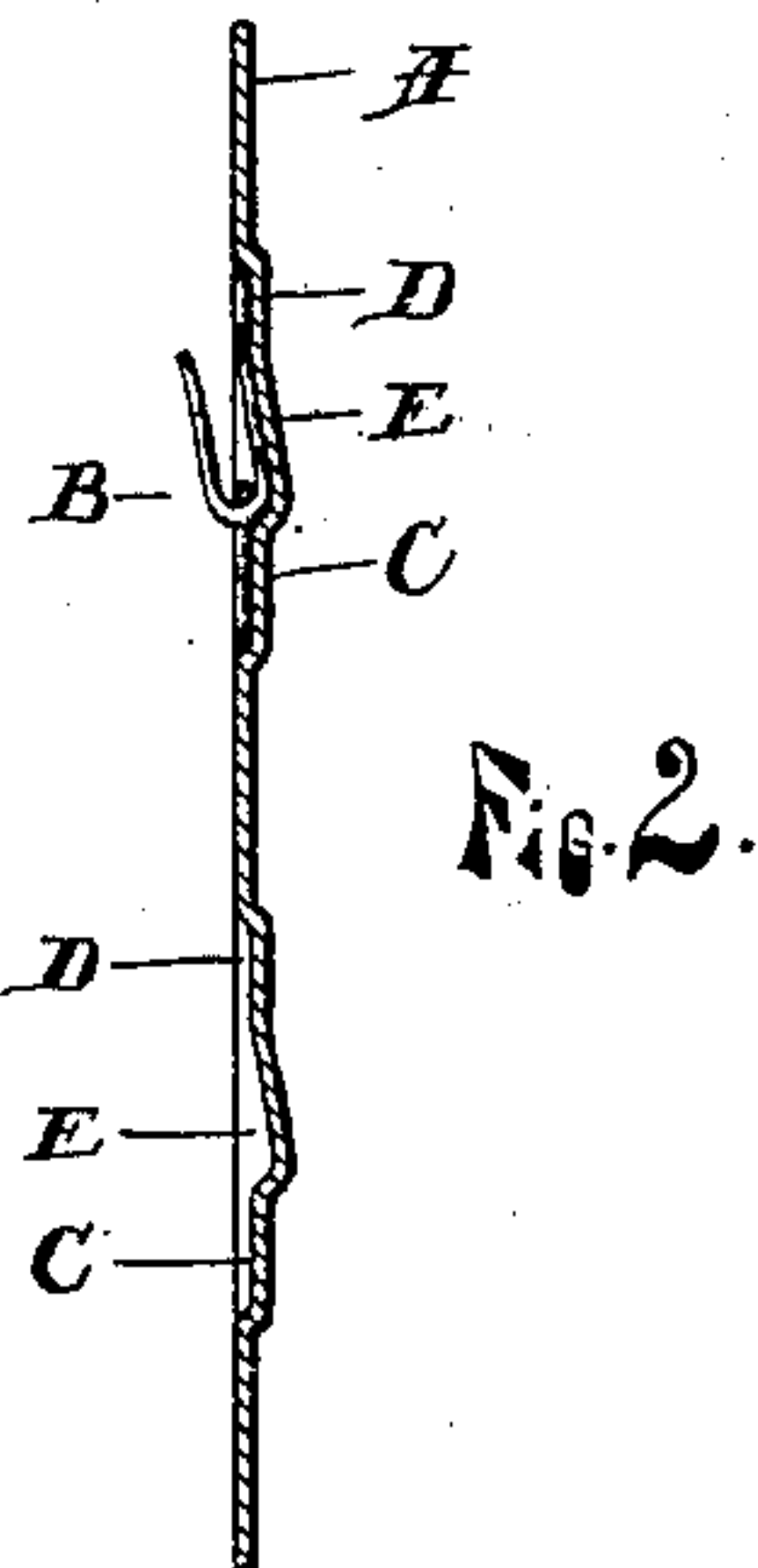
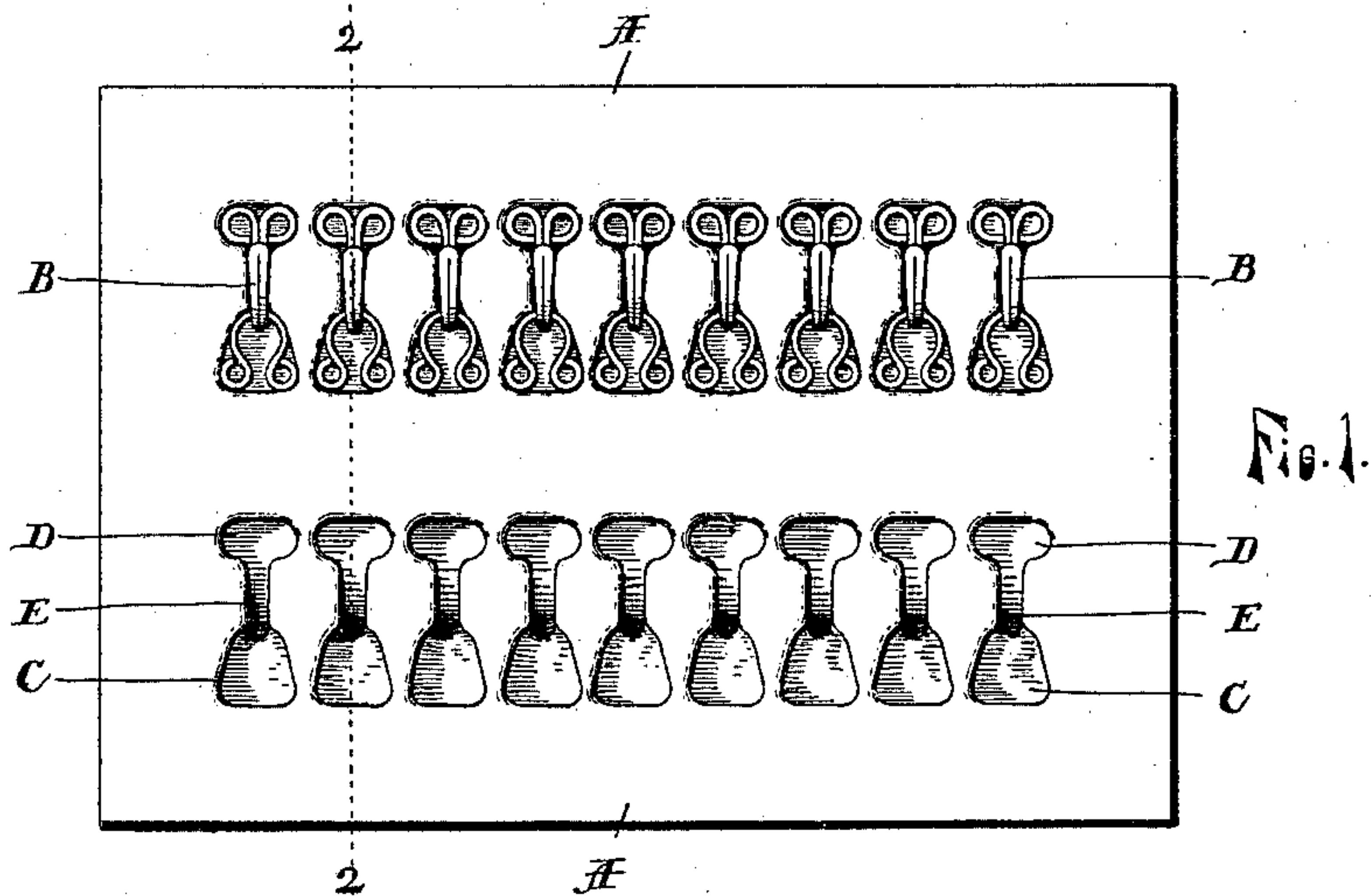
No. 671,503.

Patented Apr. 9, 1901.

A. E. WAGGONER.
CARD FOR HOOKS AND EYES.

(Application filed Nov. 1, 1899.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALBERT E. WAGGONER, OF MUSKEGON, MICHIGAN.

CARD FOR HOOKS AND EYES.

SPECIFICATION forming part of Letters Patent No. 671,503, dated April 9, 1901.

Application filed November 1, 1899. Serial No. 735,523. (No model.)

To all whom it may concern:

Be it known that I, ALBERT E. WAGGONER, a citizen of the United States, residing at Muskegon, in the county of Muskegon and State of Michigan, have invented certain new and useful Improvements in Cards for Hooks and Eyes; 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.

My invention relates to improvements in cards for hooks and eyes; and its object is to provide means for adjusting and retaining the hooks and eyes in regular order and position on the card and to provide the device with certain new and useful features hereinafter more fully described, and particularly pointed out in the claims.

My device consists, essentially, in providing such cards with depressions each having an outline to correspond to a hook and eye and arranged at regular intervals in the card, whereby the hooks and eyes when placed in these depressions will be located properly and prevented from shifting position on the card, as will more fully appear by reference to the accompanying drawings, in which—

Figure 1 is a plan view of a card embodying my invention; Fig. 2, a vertical section of the same on the line 2 2 of Fig. 1; Fig. 3, a plan view of a modified form of my device, and Fig. 4 a vertical section of the same on the line 4 4 of Fig. 3.

Like letters refer to like parts in all of the figures.

A represents a card of suitable material and dimensions. In this card, at regular intervals and in regular order, are depressions, arranged as deemed most desirable, the samples shown having them arranged in rows and equidistant in each row. Each depression is of suitable outline to inclose a hook and eye when placed therein, as at B, and the portions C and D of these depressions are adapted to receive the eye and the loops of the hook and engage the outline of the same and made of about the depth of the diameter of the wire

of which the hook and eye is made. The portion E of the depressions is adapted to receive the hook proper and is made deeper for that purpose. The hooks and eyes are thus embedded in suitable depressions in the card and when sewed upon the same in the usual way are securely held in place and prevented from getting moved into irregular position, which is often the case with hooks and eyes which are merely sewed in place.

In the modified construction shown in Figs. 3 and 4 the portions F and G of the cards which are within the inner lines of the hooks and eyes are not depressed, but are raised above the surrounding parts to engage the inner lines of the hooks and eyes.

The depressions serve to determine the proper location on the card of the hooks and eyes when first placed thereon and may be pressed or stamped into the cards by any of the usual means of stamping or embossing known to the art.

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

1. A card for hooks and eyes having depressions at regular intervals corresponding in outline to the outline of pairs of hooks and eyes, said depressions also having shallow portions to receive the eyes and loops of the same, and deeper portions to receive the hooks, substantially as described.

2. A card for hooks and eyes having depressions at regular intervals corresponding to the shape of hooks and eyes both in outline and inner lines, substantially as described.

3. A card for hooks and eyes having depressions at regular intervals corresponding to the shape of hooks and eyes both in outline and inner lines, said depressions also being deeper at the middle portion to receive the hooks, substantially as described.

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

ALBERT E. WAGGONER.

Witnesses:

CHAS. L. CHAMBERLAIN,
ALEX. SUTHERLAND.