

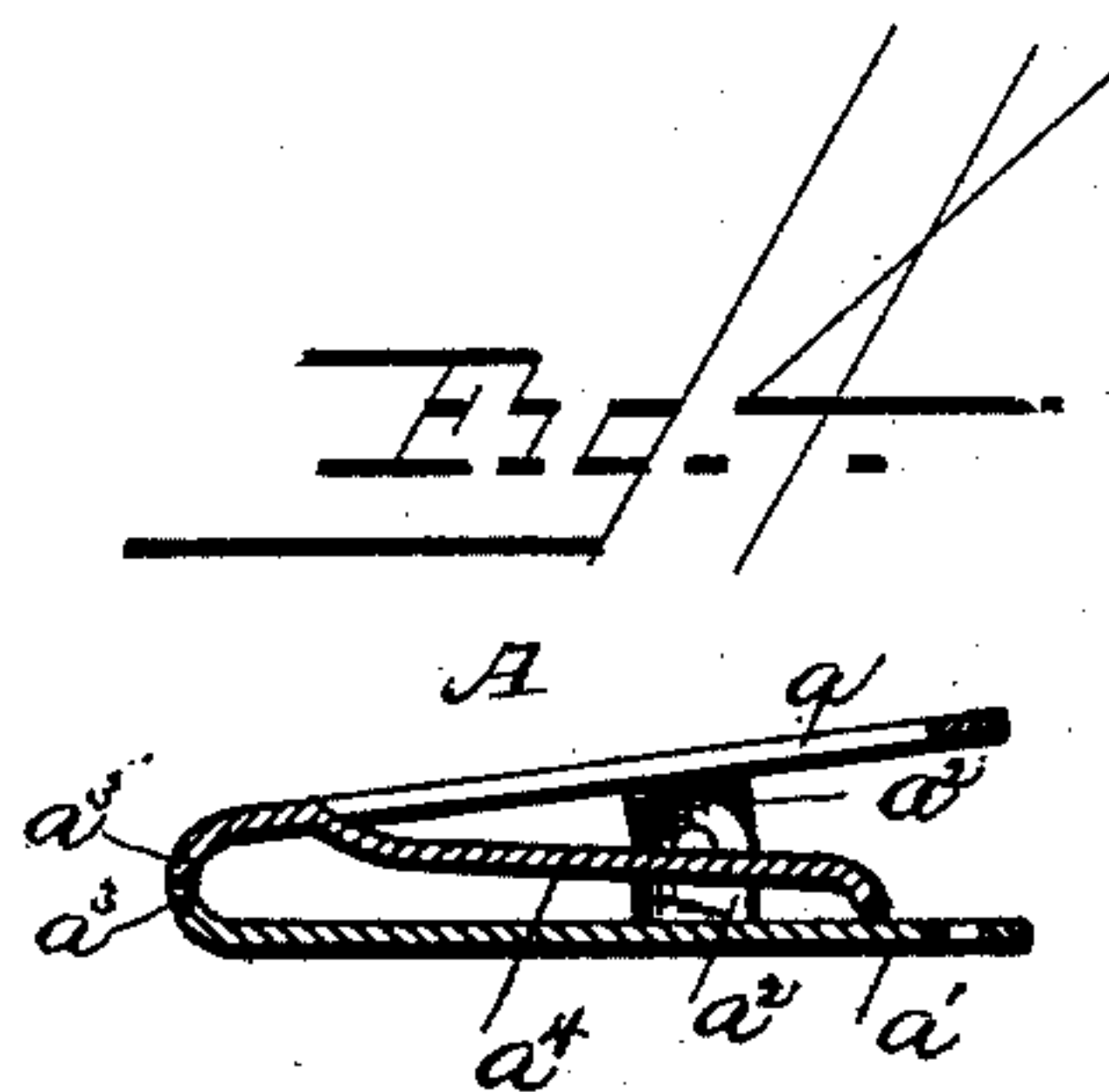
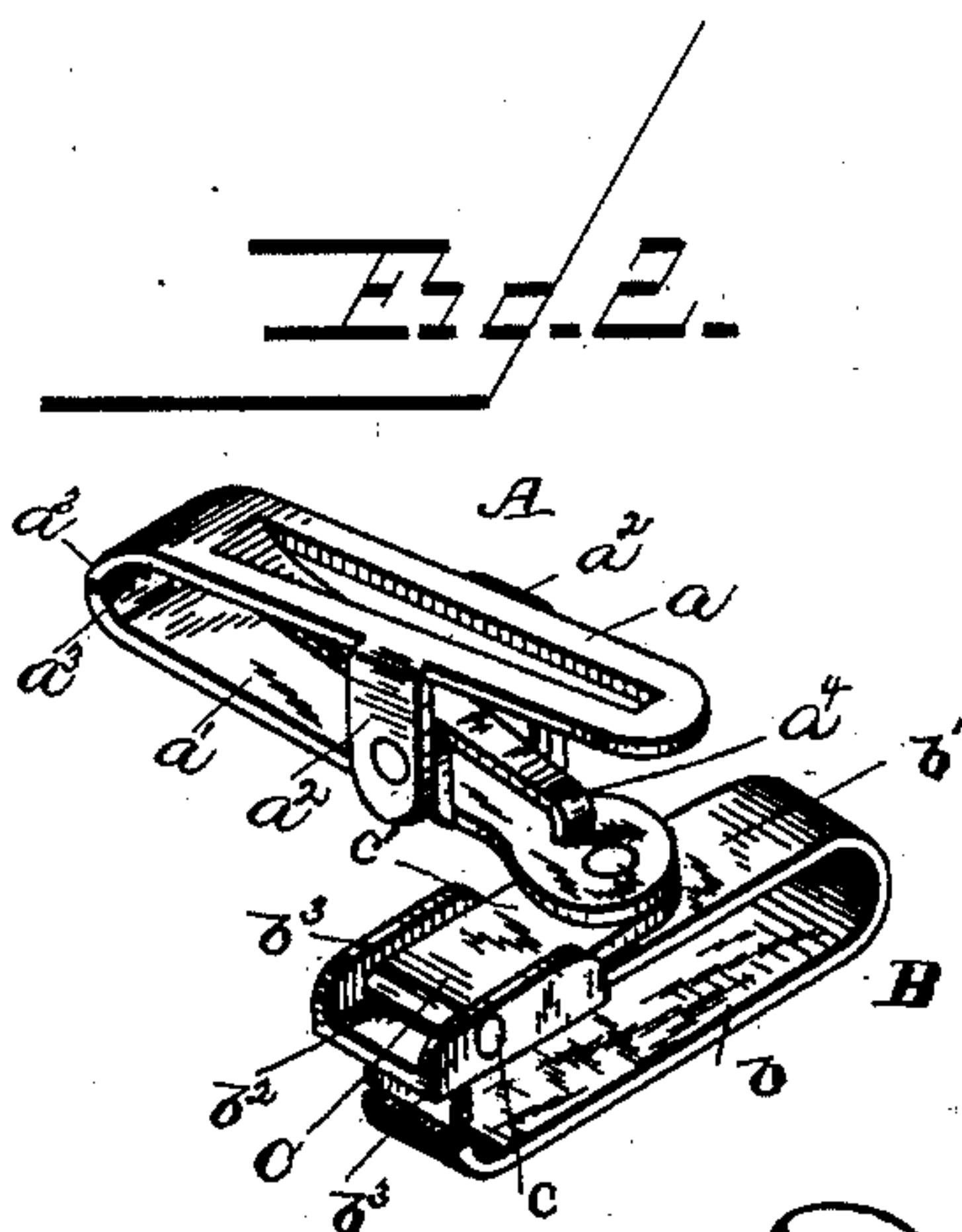
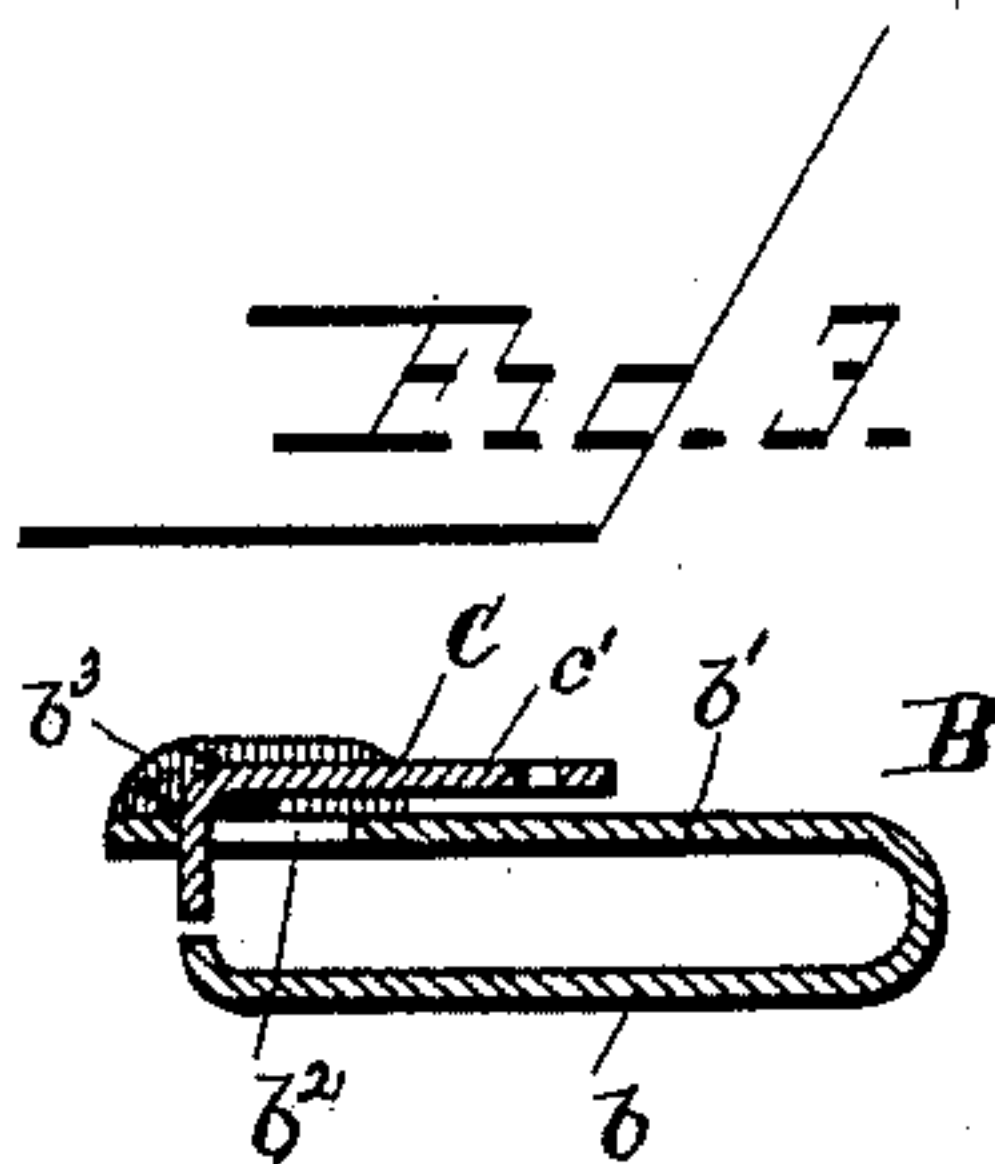
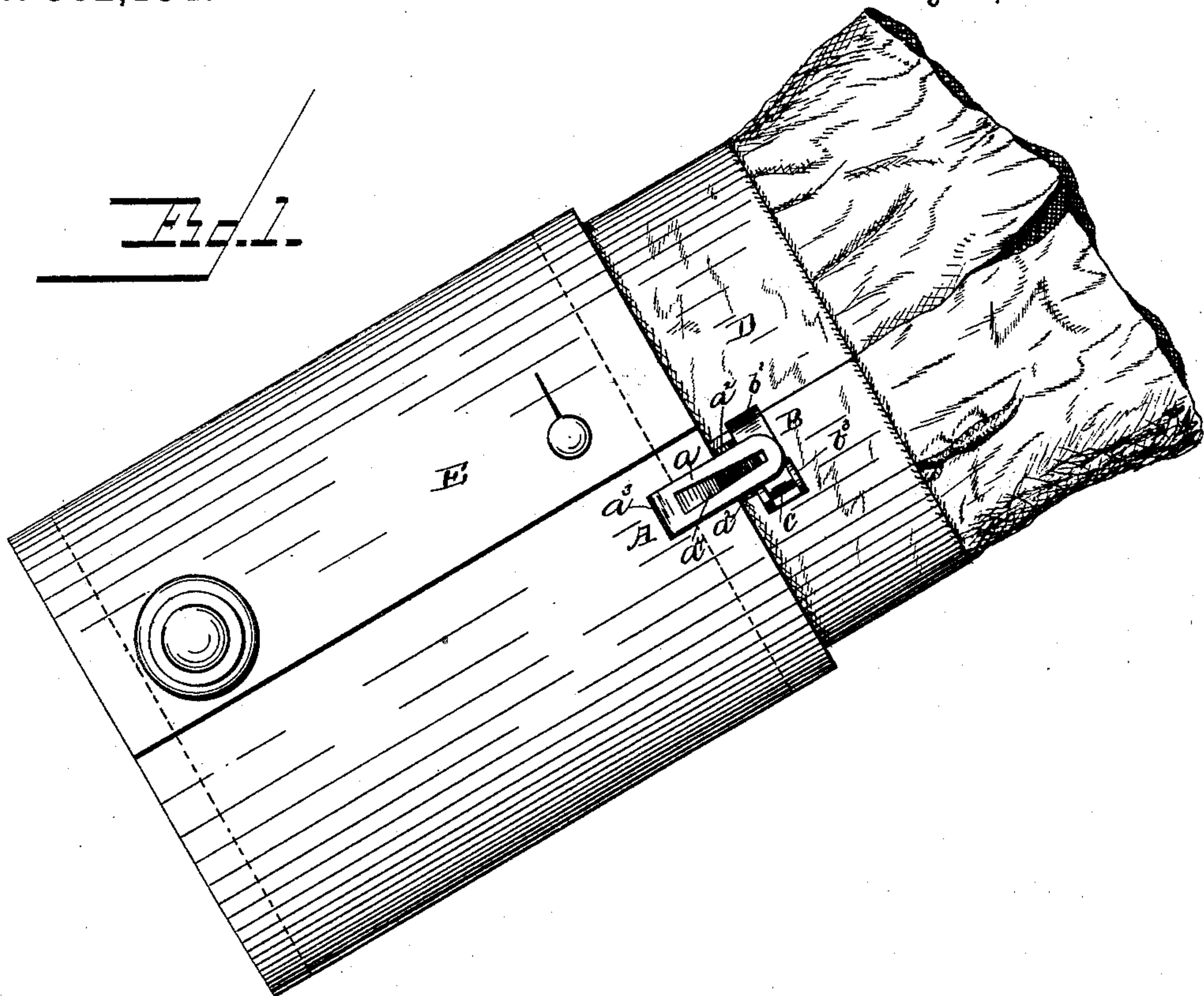
(No Model.)

D. C. WILLIAMSON.

## ADJUSTABLE HOLDER FOR CUFFS.

No. 362,134.

Patented May 3, 1887.



Witnesses

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# UNITED STATES PATENT OFFICE.

DAVID CLARENCE WILLIAMSON, OF BAY CITY, MICHIGAN.

## ADJUSTABLE HOLDER FOR CUFFS.

SPECIFICATION forming part of Letters Patent No. 362,134, dated May 3, 1887.

Application filed February 26, 1887. Serial No. 229,014. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID CLARENCE WILLIAMSON, a citizen of the United States, residing at Bay City, in the county of Bay and State of Michigan, have invented certain new and useful Improvements in Adjustable Holders for Cuffs, &c.; 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 and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in cuff-holders used to detachably connect the cuff to the wristband of the wearer's shirt-sleeve; and its object is to provide a simple, durable, and effective device of the kind, that may be used in connection with either the right or left sleeve, or attached to either edge of the same wristband, without alteration of the arrangement of parts; that can be quickly and conveniently attached and detached, and that may be attached farther inward or outward upon the wristband, so as to have the appearance of shortening or lengthening the sleeve.

I attain the foregoing object by means of the construction and novel arrangement of parts hereinafter described, illustrated in the drawings, and embraced in the claims hereto appended.

In the accompanying drawings, Figure 1 represents a side view of a shirt-sleeve and attached cuff, showing the improved holder in position. Fig. 2 represents a perspective view of the holder detached; and Figs. 3 and 4 represent, respectively, detail sectional views of the wristband-clamp and the cuff-clutch separated from each other.

Referring to the drawings by letter, A designates the wristband-clamp, consisting of the two plates or leaves  $a$   $a'$ , respectively, each provided, at proper and corresponding points on each of their edges, with the bent-up ears  $a^2$   $a'^2$ , which are pivoted together, as shown. Backward from the pivot-points, or in the direction opposite to the attached cuff-clutch, the plates are formed into jaws, which have their ends bent toward each other and provided with the series of intermeshing teeth  $a^3$

$a^3$ , between which the proper edge of the wristband is inserted, the jaws being caused to close upon the wristband by the spring  $a^4$ , which is made integral with the leaf or plate  $a$  by cutting partially out the central longitudinal portion of said plate and bending the end of the cut portion toward the plate or leaf  $a'$ , so that when the jaws are separated by pressing together the opposite ends of the leaves the said end will be caused to impinge against the leaf  $a'$ , and will force the two series of teeth toward each other. The teeth will not, however, come into contact at their points, as the spring does not impinge against the leaf  $a'$  when the jaws are closed. Thus the teeth will hold sufficiently firm on the wristband without penetrating it. B designates the cuff-clutch, consisting of a strip or plate of metal bent upon itself, so as to form the parallel arms  $b$   $b'$ , the free end of the former of which is bent inward toward the arm  $b'$ . The arm  $b'$  is provided near its end with a rectangular slot,  $b^2$ , and is provided on each side of said slot with the ears  $b^3$   $b'^3$ , standing at right angles outward and provided with corresponding openings, in which are pivoted the trunnions  $c$   $c'$  of the oscillating jaw C of the clutch B, the spring jaw of the same being formed by the arm  $b$ . The end of the outer arm,  $c'$ , of the jaw C is pivoted to the end of the arm  $a'$  of the wristband-clamp adjacent to the free end of the spring  $a^4$ . The inner arm of the jaw C is bent in such manner as to pass through the slot  $b^2$  and approximate the bent-in end of the arm  $b$  without touching it, and when the clutch is opened the said inner arm rotates inward from the bent-in end and separates sufficiently therefrom for the easy and convenient insertion of the lower edge of the cuff. In the drawings the wristband and the cuff are respectively indicated by the letters D and E. When the holder is in position the clutch B stands at right angles, or nearly so, to the clamp A, as the engaged edges of the wristband and cuff are at right angles to each other. The clamp is intended to rotate on the clutch a little more than half a circle, and can stand at right angles therefrom in opposite directions, so as to accommodate itself to either a right or left cuff, or the right or left edge of the same cuff. When the clamp passes these right-angled positions on the clutch any con-



siderable distance, the parts of the former bind on the latter and prevent the jaw C from opening, so that it is inconvenient or impossible to attach the clutch to the wristband. In turning, the clamp passes over the folded or bent central portion of the strip or plate forming the clutch.

It is evident that the clamp may be attached at any part of the edge of the wristband, so as to give the impression of either a long or short cuff.

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

1. In a cuff-holder, the combination of the wristband-clamp and the cuff-clutch pivoted on the said clamp in such manner as to turn into positions at right angles thereto in opposite directions, so that it is adapted to be attached to either a right or left wristband and to either the right or left edge of the same wristband, substantially as specified.

2. In a cuff-holder, the combination of the wristband-clamp, constructed substantially as described, and the cuff-clutch provided with a pivoted oscillatory jaw turning inward from the spring-jaw to disengage the clutch and having the former jaw pivoted upon the wristband-clamp in such manner as to turn at right angles to the clamp in opposite directions, substantially as and for the purpose specified.

3. In a cuff-holder, the combination of the

wristband-clamp composed of two plates or leaves pivoted together through ears on their edges, provided at their outer ends with intermeshing teeth, and having a spring attached to or made integrally with one leaf and not bearing on the other leaf when the jaws are closed, so as not to force the teeth together at their points, with the cuff-clutch constructed substantially as described and pivoted upon the clamp in such manner as to turn into positions at right angles thereto in opposite directions, substantially as specified.

4. As an article of manufacture, the herein-described cuff-holder, consisting of the wristband-clamp A, composed of the leaves  $a$   $a'$ , pivoted together through the ears  $a^2$ , and provided with the teeth  $a^3$  and spring  $a^4$ , and the cuff-clutch B, composed of a metal strip or plate bent on itself so as to form the arms  $b$   $b'$  and provided with the slot  $b^2$ , and the oscillating or vibratory jaw C, pivoted through the ears  $b^3$  of the clutch and at its end to the end of the leaf  $b'$  of the clamp, all parts constructed and arranged substantially as and for the purposes specified.

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

DAVID CLARENCE WILLIAMSON.

Witnesses:

THOMAS MOORE,

WILLIAM O. CLIFT.