

(No Model.)

T. GINGRAS.  
BELT FASTENER.

No. 380,105.

Patented Mar. 27, 1888.

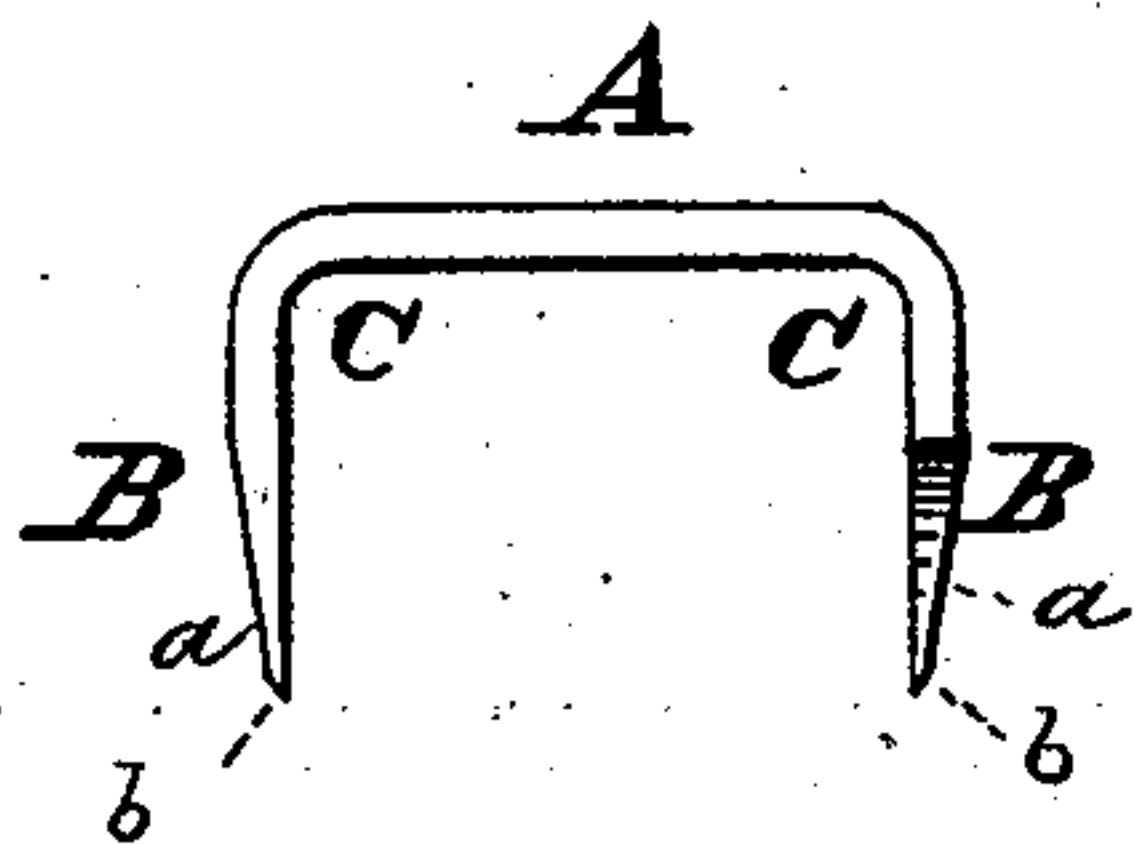


FIG. 2.

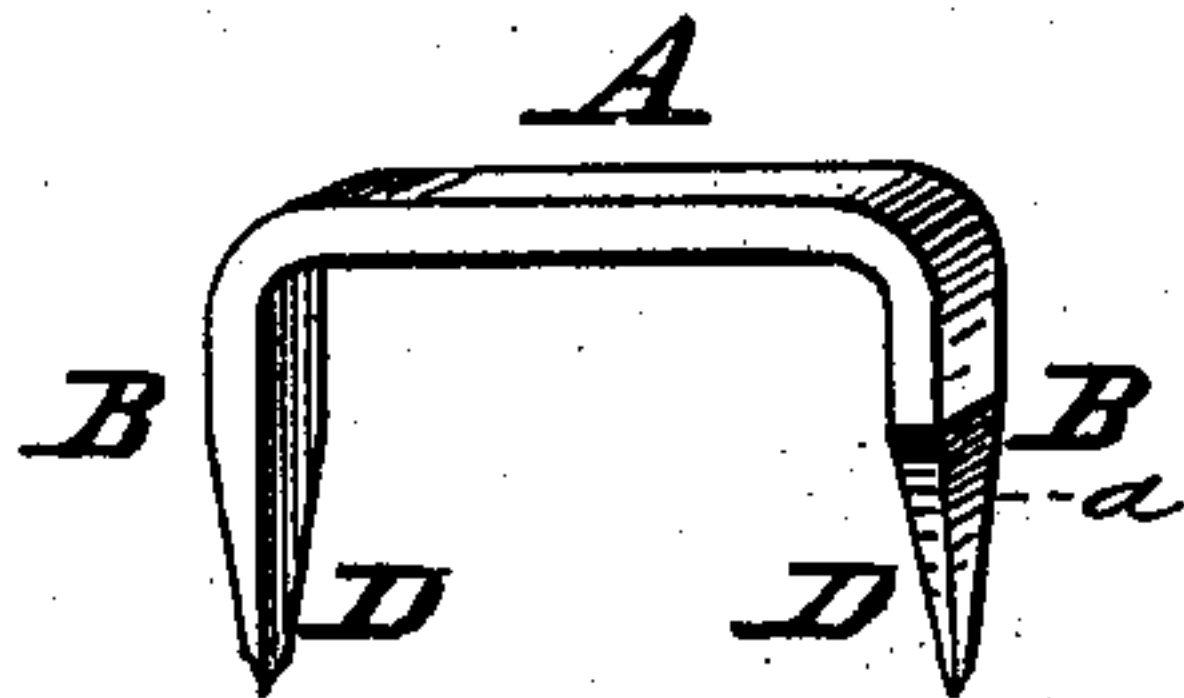


FIG. 1.

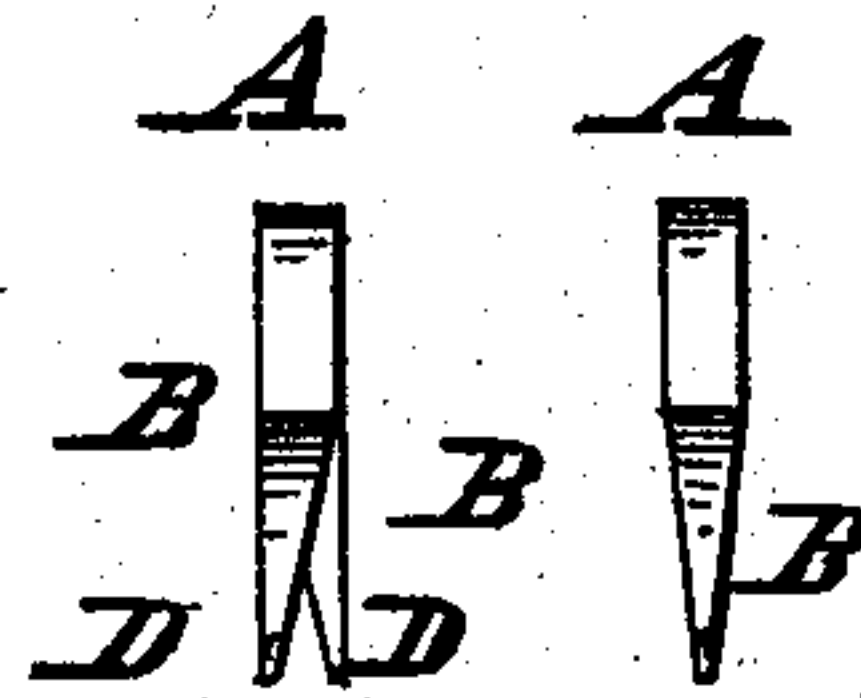


FIG. 3. FIG. 4.

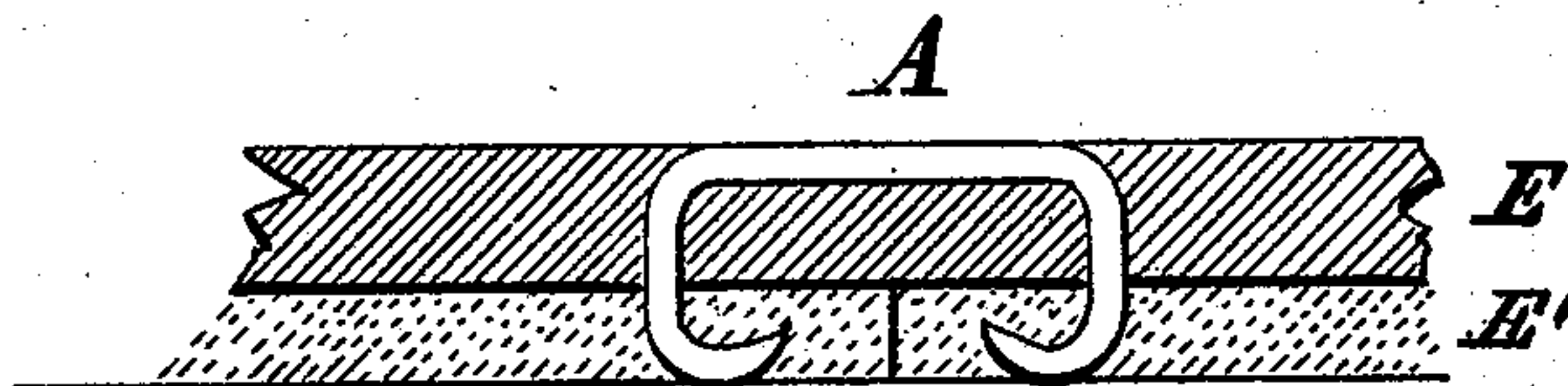


FIG. 5.

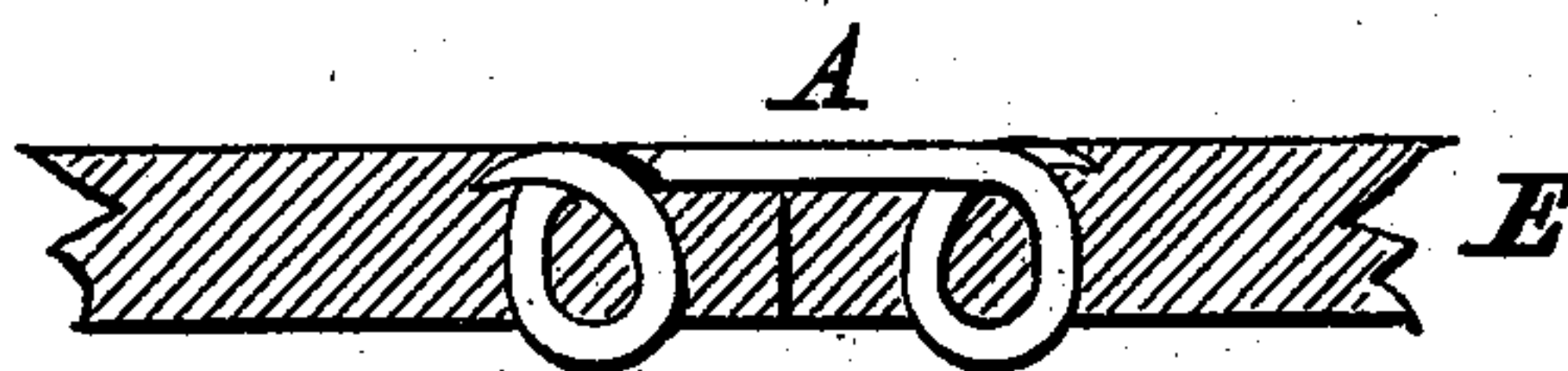


FIG. 6.

Witnesses:

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# UNITED STATES PATENT OFFICE.

TIMOTHY GINGRAS, OF BUFFALO, NEW YORK.

## BELT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 380,105, dated March 27, 1888.

Application filed June 23, 1886. Serial No. 205,976. (No model.)

*To all whom it may concern:*

Be it known that I, TIMOTHY GINGRAS, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful  
5 Improvements in Belt-Fastenings; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will  
10 enable others skilled in the art to which it appertains to make and use the same.

My present invention has reference to an improved belt-fastener; and it consists, essentially, in the novel and peculiar combination of  
15 parts and details of construction, as herein-after first fully set forth and described, and then pointed out in the claims.

In the drawings already mentioned, Figure 1 is a perspective view of my improved fastener. Fig. 2 is a side, and Fig. 3 an end, view of the same. Fig. 5 is a sectional view of a belt or other article having my fastening applied. Fig. 6 is a similar view, and Fig. 4 is an end view of a staple slightly modified.

25 This fastening consists of a double-pointed staple constructed, preferably, of flat material—such as soft steel, iron, brass, or copper, &c.—and of various lengths, so as to answer for various requirements. The points B of this fastening are constructed in such a way that the  
30 slant or taper *a*, Figs. 1 and 2, is entirely on the outside of the staple, so that these points are perfectly parallel. These slanting sides are not continued to the points, but have a further slant or bevel, *b*, forming a rather  
35 blunt point. The sides of the points are not of uniform width; but they also taper, but in opposite directions, as illustrated in Fig. 3, where D represents these tapered portions.  
40 The object of thus constructing the points of this fastening is to enable its being driven into

a belt, &c., from one side and to cause it to double clinch, so that the points will repenetrates the belt on the same side, but at a slightly different position from which they have entered, 45 such object being accomplished by constructing the points with the triple bevels *a*, *b*, and D, as specified.

In Fig. 5 I have shown two pieces of belting or similar article secured together by a single  
50 clinch, while in Fig. 6 I have illustrated a single thickness of two pieces butt jointed and fastened with a double clinch. To obtain a double clinch in any thickness or number of thicknesses, it is simply necessary to take  
55 staples the points of which are of a sufficient length, because the tendency of the points is to roll up into a coil, as shown in Fig. 6.

Having thus fully described my invention, I claim as new and desire to secure to me by 60 Letters Patent of the United States—

1. A belt-fastening consisting of a staple having its ends beveled inward from the outside, but their inner faces left vertical, and having the right edge of one end and the left  
65 edge of the other end also beveled, the other edges of said ends being left vertical in order that the points of the staple may be on opposite sides of its middle longitudinal line, substantially as set forth. 70

2. A staple having its ends beveled on the outside and the right edge of one end and left edge of the other beveled also, and further provided with the additional slants *b*, forming blunt points, substantially as set forth. 75

In testimony that I claim the foregoing as my invention I have hereto set my hand in the presence of two subscribing witnesses.

TIMOTHY GINGRAS.

Attest:

MICHAEL J. STARK,  
JESSIE A. TULLEY.