

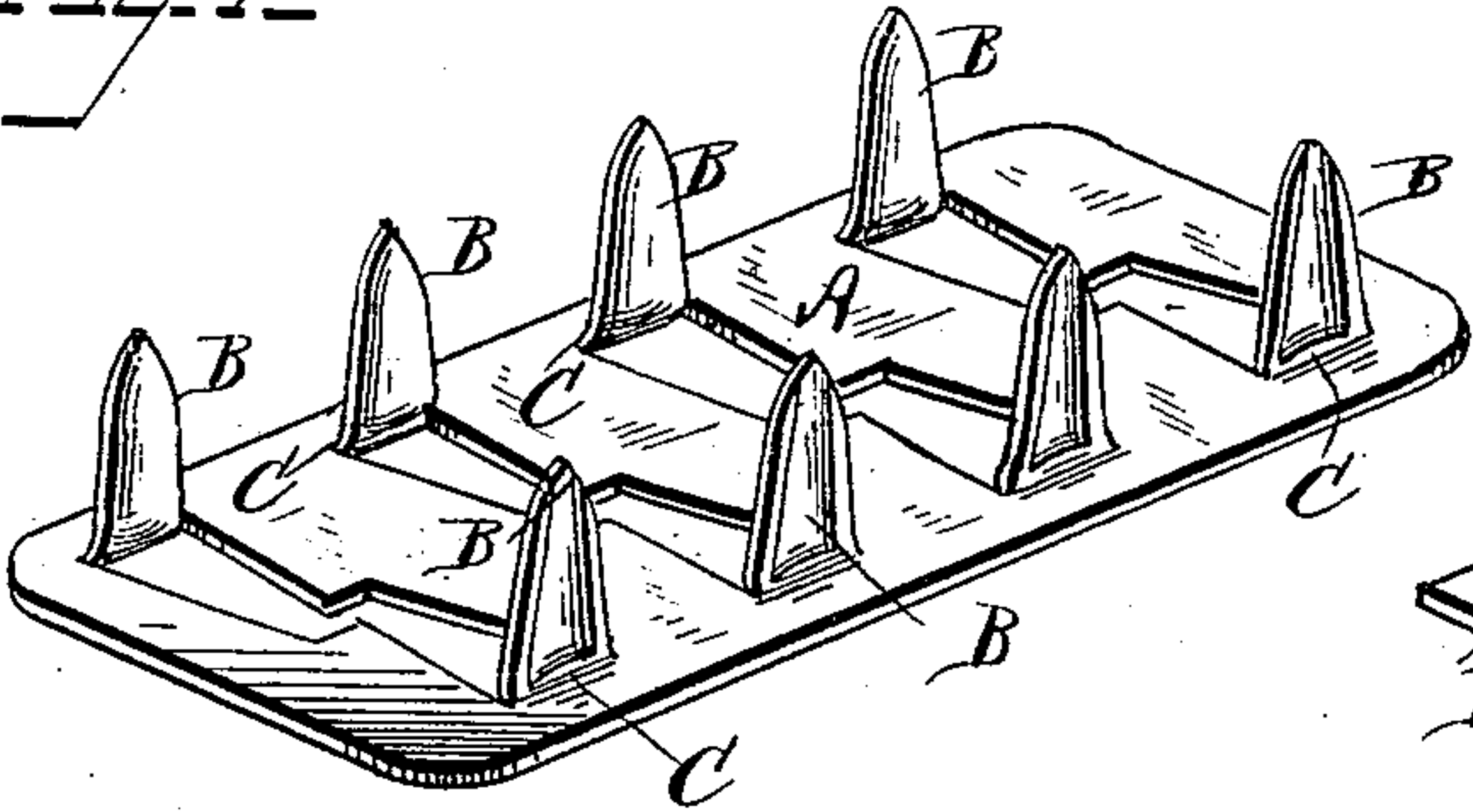
(No Model.)

H. C. HART.  
BELT FASTENER.

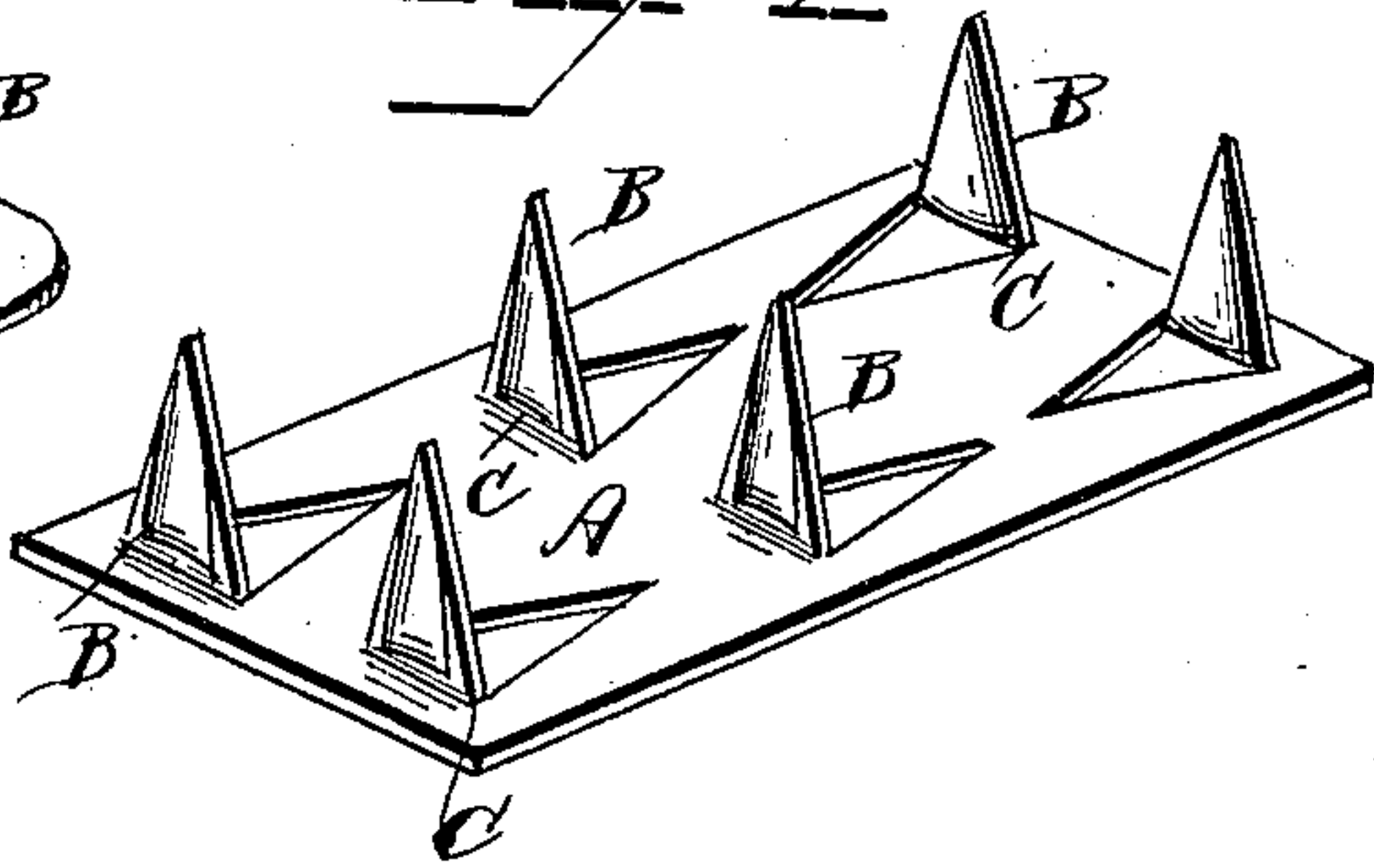
No. 272,685.

Patented Feb. 20, 1883.

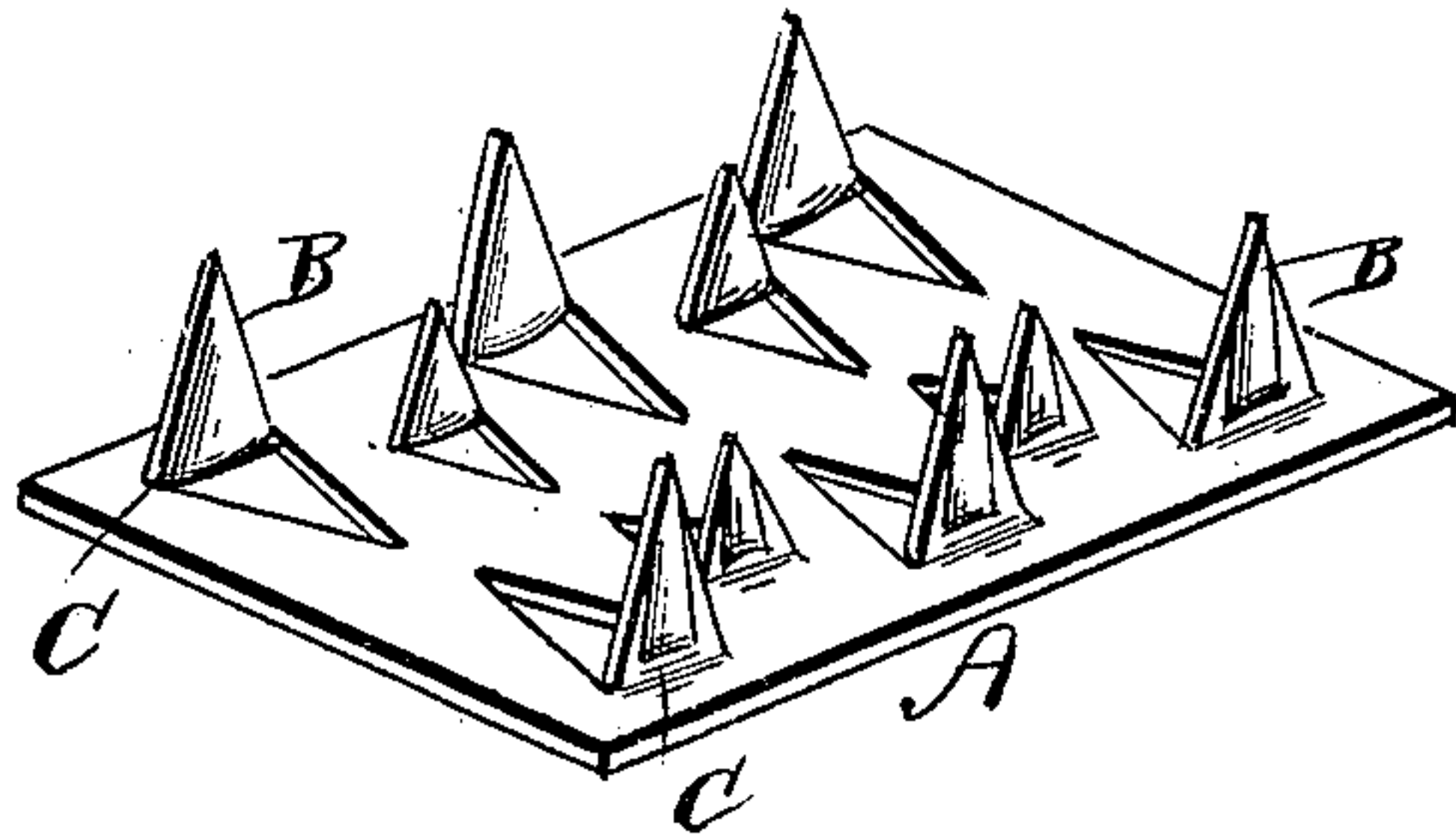
~~Fig. 1~~



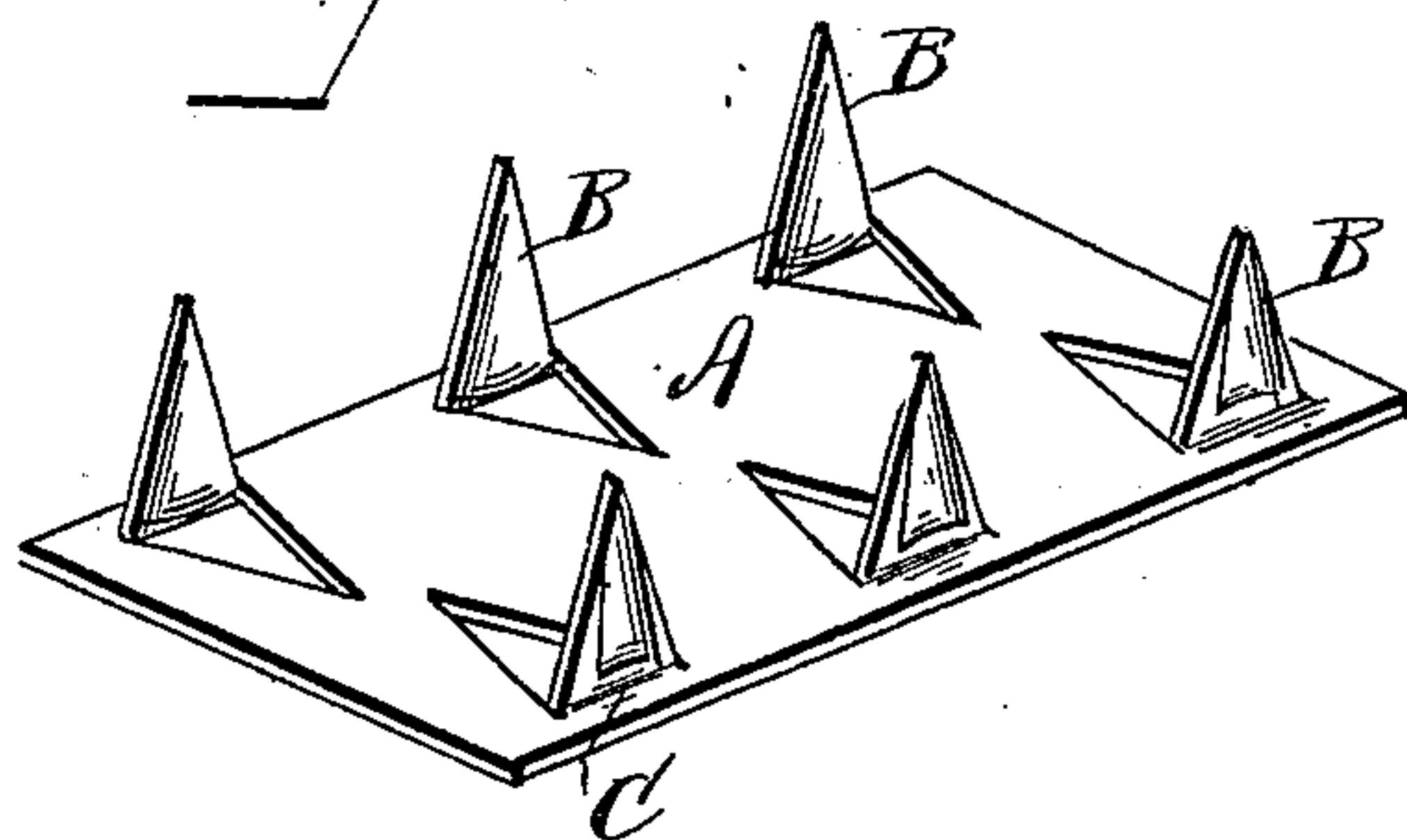
~~Fig. 2~~



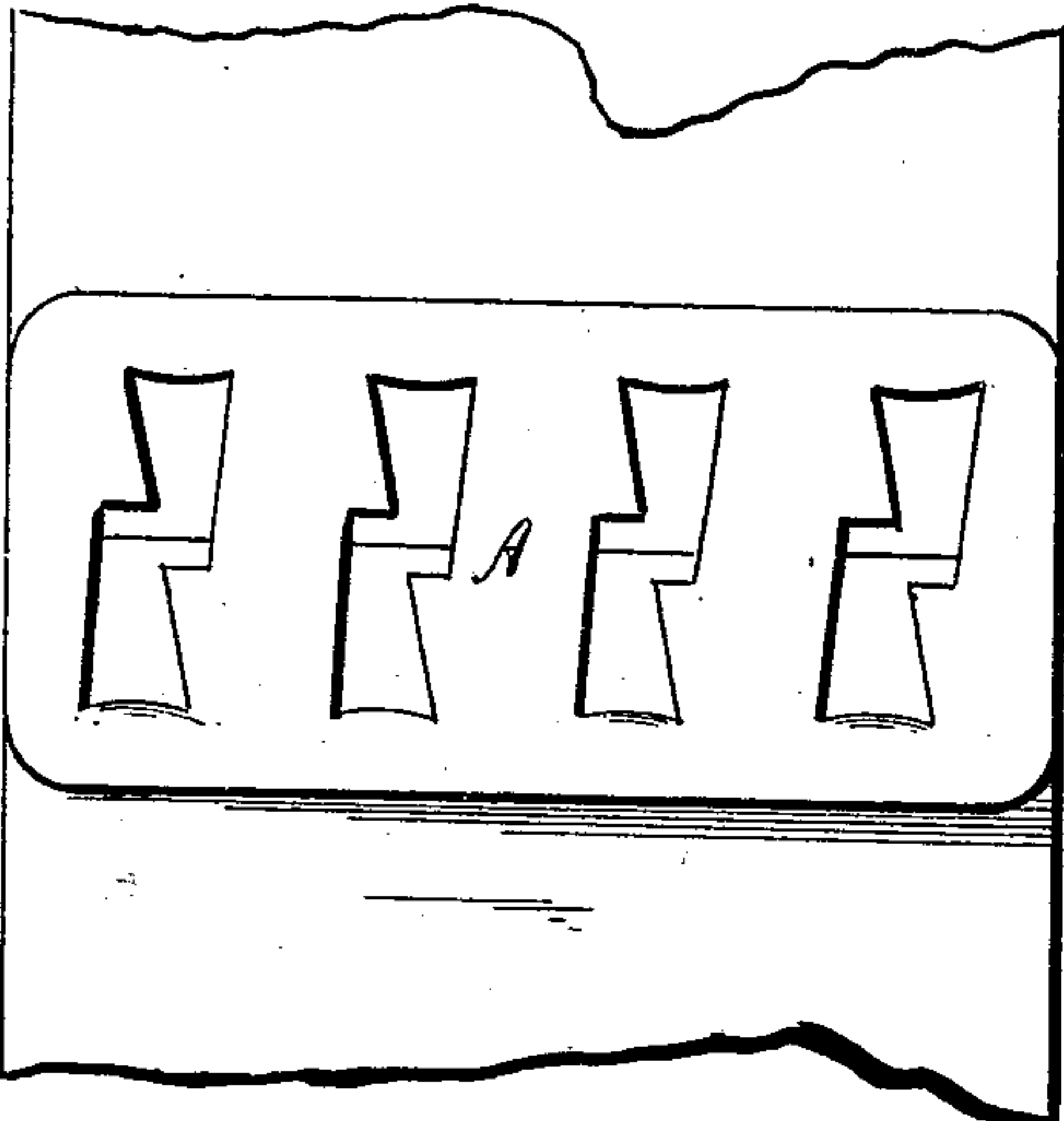
~~Fig. 3~~



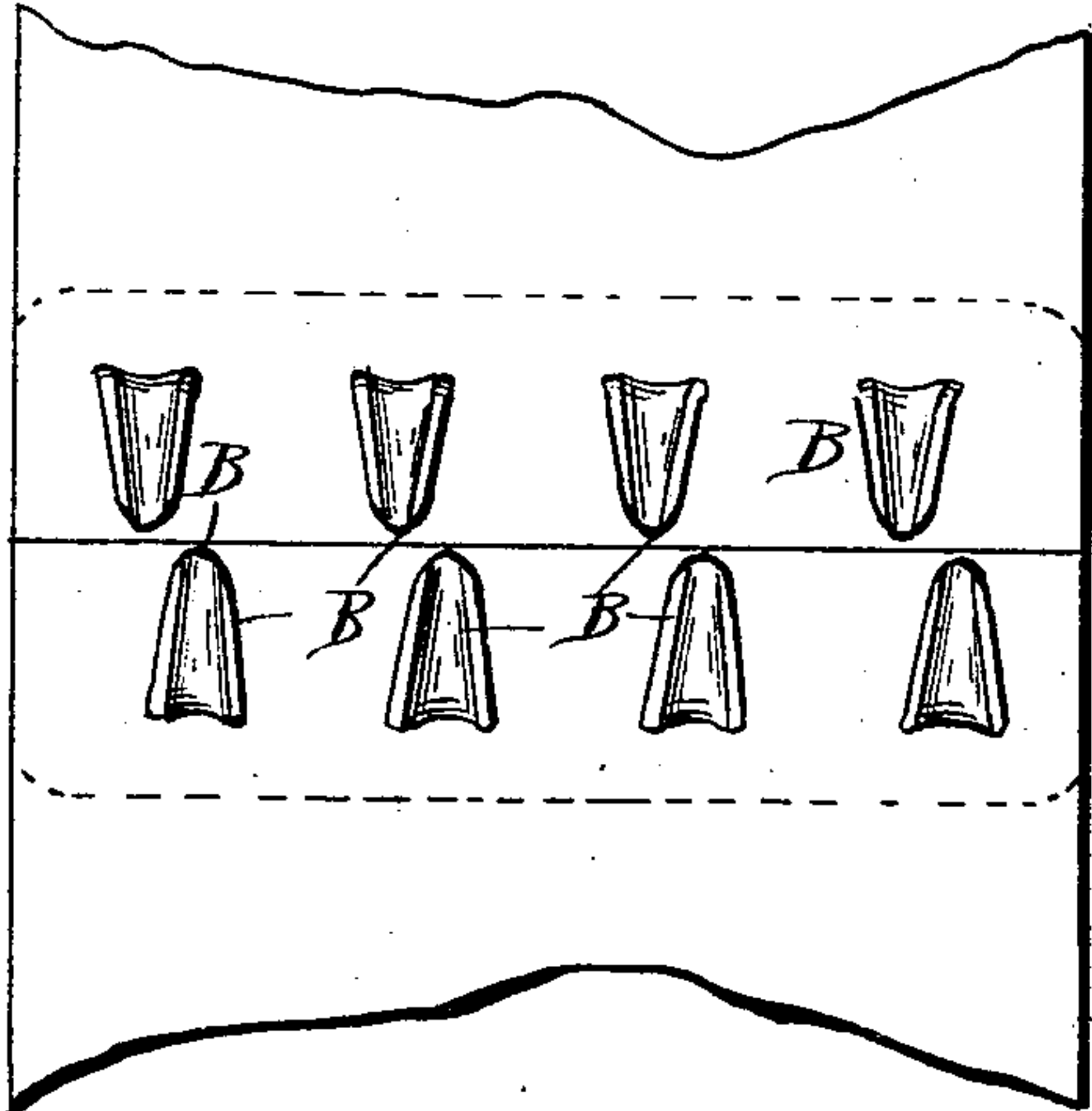
~~Fig. 4~~



~~Fig. 5~~



~~Fig. 6~~



WITNESSES

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Attorneys.

# UNITED STATES PATENT OFFICE.

HUBERT C. HART, OF UNIONVILLE, CONNECTICUT.

## BELT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 272,685, dated February 20, 1883.

Application filed January 4, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, HUBERT C. HART, a citizen of the United States, residing at Unionville, in the county of Hartford and State of Connecticut, have invented a new and useful Belt-Fastener, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to belt-fasteners; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, Figure 1 is a perspective view of my improved belt-fastener. Fig. 2 is a top view, showing the ends of a belt connected by my improved fastener. Fig. 3 is a bottom view of the same, and Figs. 4, 5, and 6 are views showing modifications in the construction of my improved belt-fastener.

The same letters refer to the same parts in all the figures.

My improved belt-fastener is struck up from a plate of sufficiently heavy sheet metal, which in the drawings is denoted by letter A. From this plate two sets or series of teeth or tongues, B B, are struck up from the center and bent up at the edges, as shown at C, at right angles to the body of the plate. The tongues are of an elongated triangular shape, and those of the two series are located diagonally opposite each other, so that each pair of opposite tongues shall meet and extend beside each other at the center of the plate, as clearly shown in Figs. 1, 2, and 3 of the drawings; or, in other words, the blank spaces from which the tongues have been struck up shall be continuously open from end to end of the plate. In this manner I am

enabled to make the plate very short, and yet of great strength, although it may be provided with as large a number of tongues as may be thought desirable or necessary.

The tongues B B are bent or corrugated in direction of their length, whereby they are made stronger and particularly less liable to be forced or torn open when the device has been adjusted upon a belt. In Fig. 4 the tongues have been struck up transversely from the plate without crossing each other. In this manner an exceedingly secure fastening is formed, as the tongues are less liable to be torn open by the strain when adjusted. The tongues may also, as shown in Figs. 5 and 6, be struck up longitudinally from the body of the plate without crossing each other; but in each case the tongues should be corrugated, as shown.

The operation of my invention will be readily understood. The ends of the belt are pierced so as to admit the tongues, which are passed through and bent down against the opposite side of the belt, as shown, thus connecting the said ends securely.

I claim as my invention and desire to secure by Letters Patent of the United States—

A belt-fastener consisting of a metallic plate having struck-up tongues corrugated in direction of their length, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

HUBERT C. HART.

Witnesses:

CARLOS L. MASON,  
CARLOS V. MASON.