

(No Model.)

J. F. CHASE.
HAIR PIN.

No. 483,832.

Patented Oct. 4, 1892.

Fig. 1.

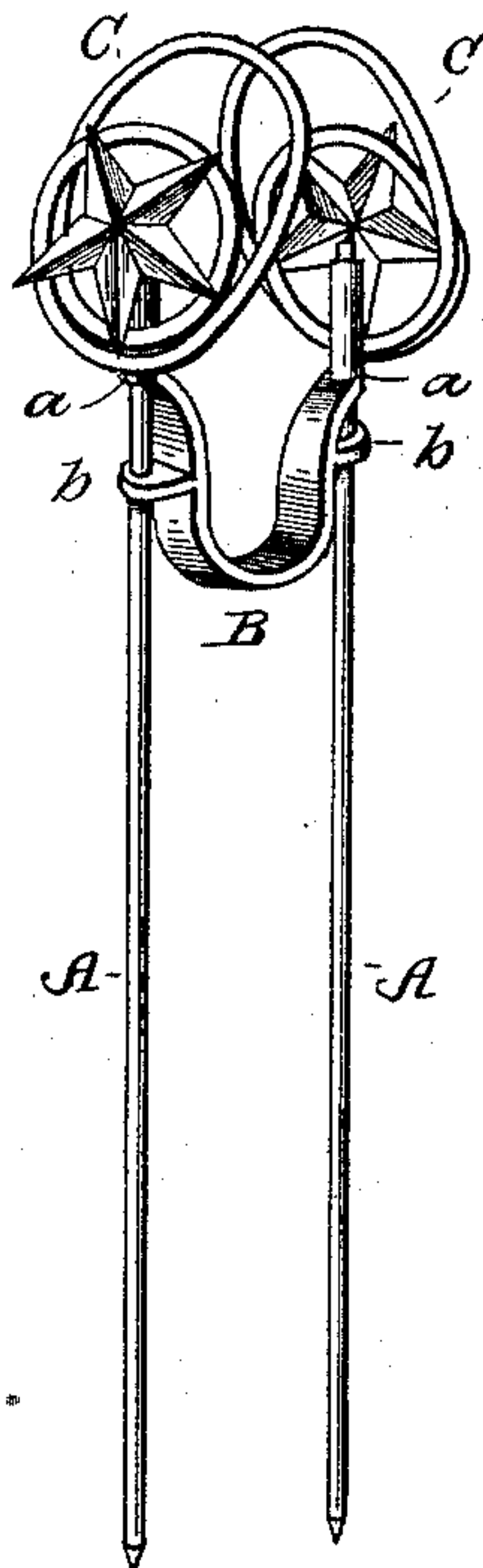
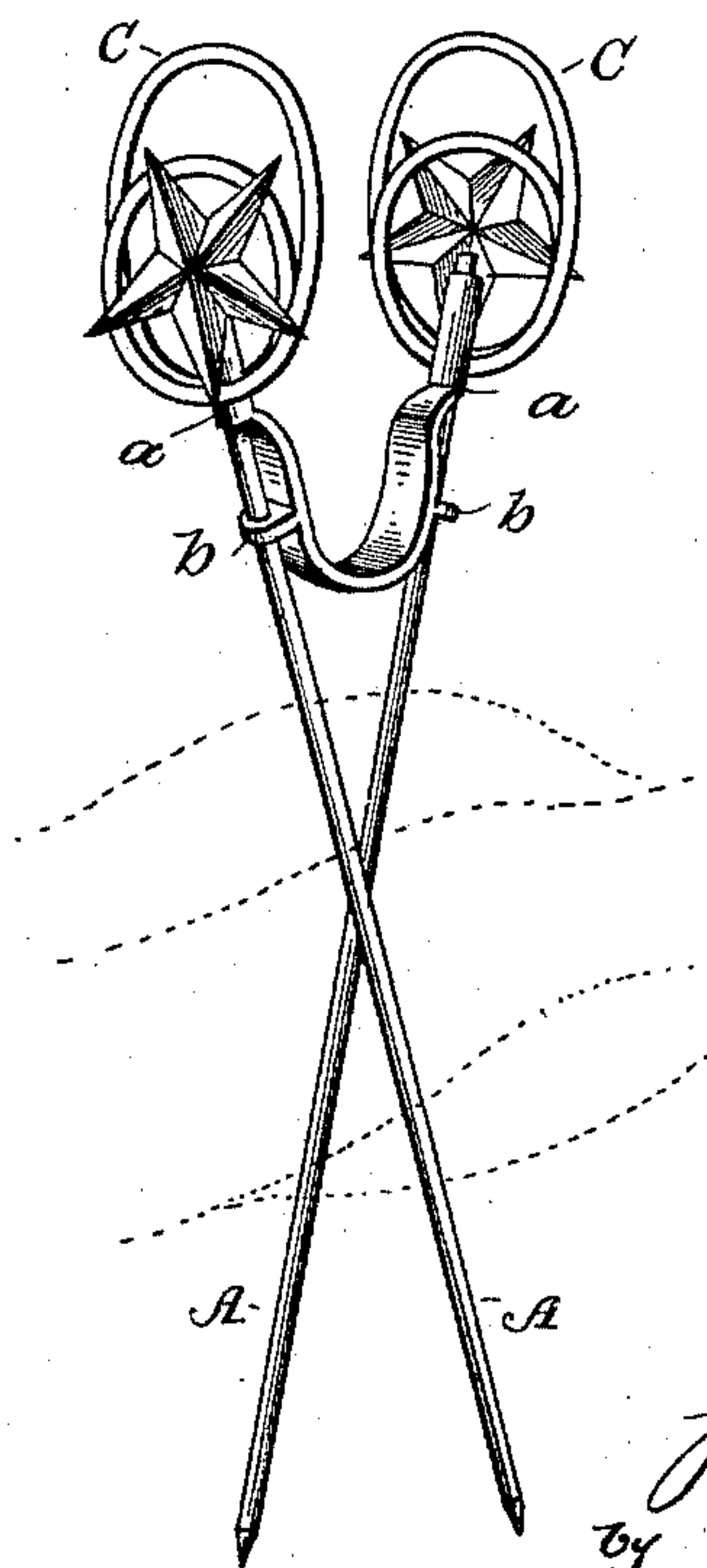


Fig. 2.



WITNESSES.

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JOHN F. CHASE, OF AUGUSTA, MAINE.

HAIR-PIN.

SPECIFICATION forming part of Letters Patent No. 483,832, dated October 4, 1892.

Application filed April 6, 1892. Serial No. 428,064. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. CHASE, a citizen of the United States, residing at Augusta, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Hair-Pins; 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 ap-
10 pertains to make and use the same.

This invention relates to hair-pins; and it has for its object to provide a hair-pin adapted to automatically interlock in the hair in such manner as to prevent its accidental displacement or the loosening of the hair; and it consists in providing a hair-pin the prongs of which are independent of each other or are formed of separate pieces, in combination with a spring-metal connecting-piece secured
20 between and to said prongs in such manner as to normally hold the prongs one across the other, as will be hereinafter more fully described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view showing my improved hair-pin in position to be inserted in the hair, and Fig. 2 a like view showing it in the position it assumes when inserted in the hair.
30 Similar letters refer to similar parts in both the views.

A represents the prongs of the hair-pin, which are simply straight round pieces of wire suitable for the purpose, one end of which is sharpened or pointed, so as to more readily penetrate the hair.
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B represents a flat spring-metal plate, whose greatest width is at its center or middle portion and which tapers toward its ends and terminates in the tubular extensions *a*. The plate B is bent substantially U-shaped, and on its outer surface perforated lugs or ears *b* are secured or formed, which extend at right angles to the plate. The wires are passed
45 through the ears or lugs and their upper ends inserted in the tubular extensions *a* and are there secured by soldering or in any other

desired manner, so as to rigidly secure the ends of the wires in said extensions.

C represents finger-pieces, which are soldered or otherwise rigidly secured to the outer side of the tubular extensions *a* of the spring and which may be, as shown, in any ornamental design. When the prongs are in place, the tension of the spring is exerted to cause them to stand normally one across the other about midway their length, the spring exerting an equal pressure on the prongs, and, owing to its shape—flat and wide at its central portion—and to the ears or lugs giving a bearing to the prongs at points below the ends which are secured to the spring, the said prongs are prevented spreading apart or away from each other at the points where they cross each other.
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In order to use the pin, the finger-pieces are pressed together or toward each other, so as to draw the prongs apart or away from each other, as shown in Fig. 1, and then insert the prongs in the hair and release the finger-pieces, when the prongs will spring together, crossing each other and clasping the hair between both above and below the point where the prongs cross each other, thus locking the hair in place and holding the pin against accidental displacement.
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Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A hair-pin consisting of the straight prongs, a U-shaped flat metal spring tapering toward its ends and having the tubular extension and perforated ears or lugs, and finger-pieces rigidly secured to said extensions, whereby said prongs normally cross or intersect each other about midway their length, substantially as described.
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In testimony whereof I affix my signature in presence of two witnesses.

JOHN F. CHASE.

Witnesses:

C. W. DOWNING,
T. A. DUFFY.