

(No Model.)

D. S. COOKE.  
Bracelet.

No. 227,149.

Patented May 4, 1880.

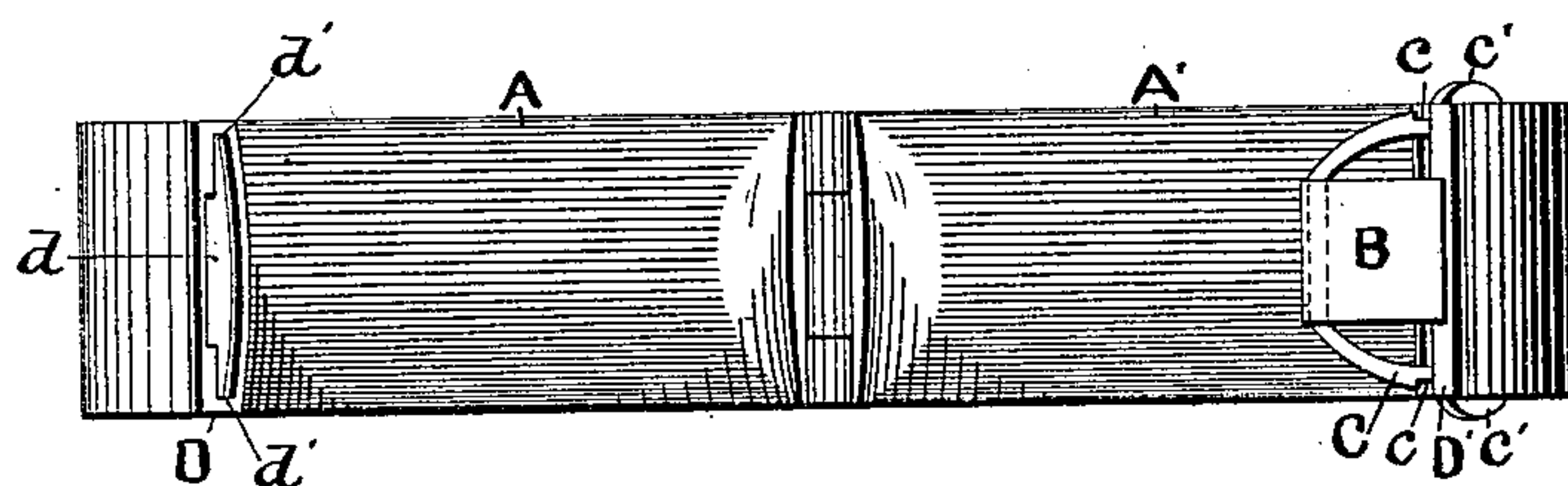


FIG. 1.

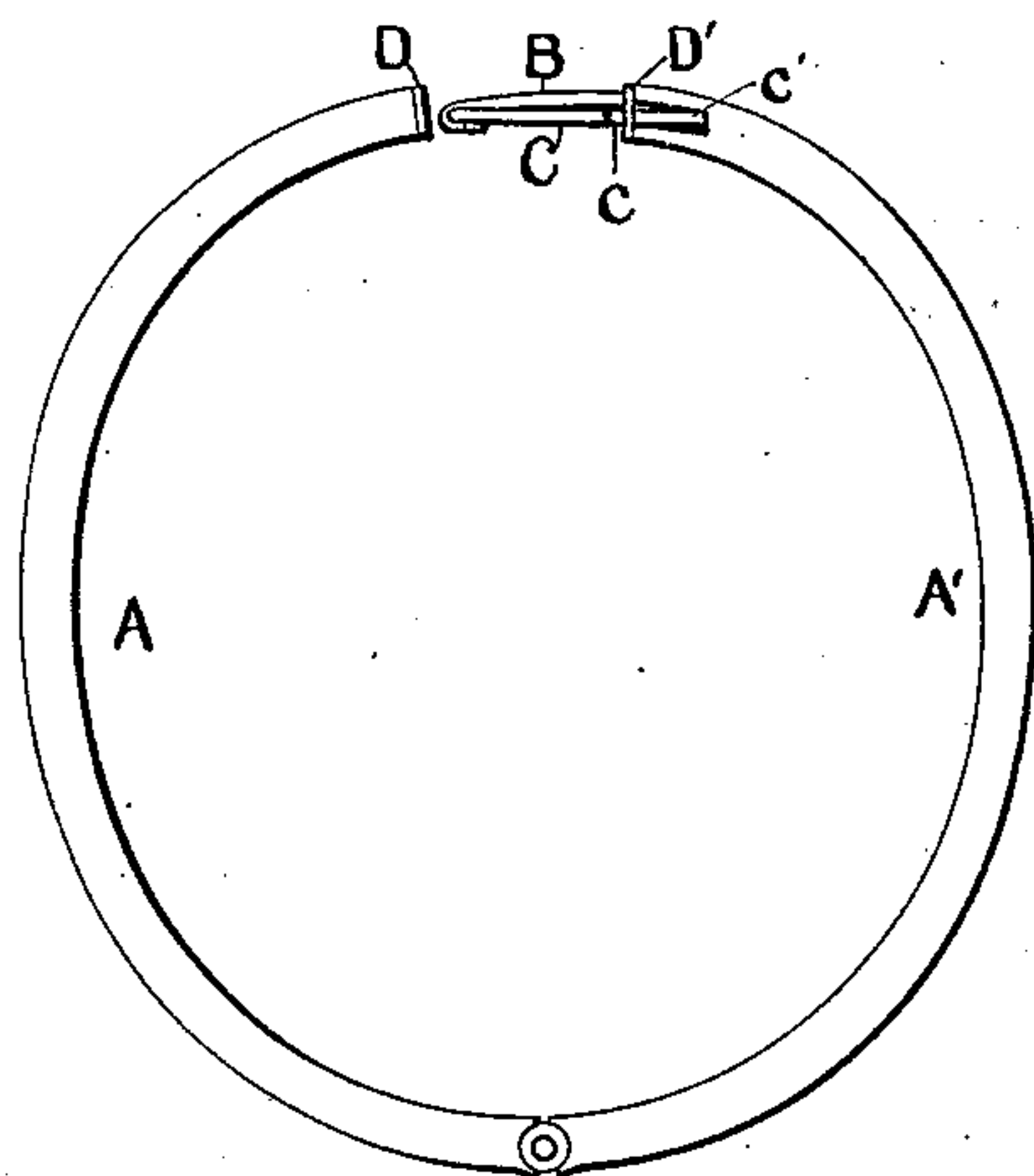


FIG. 2.

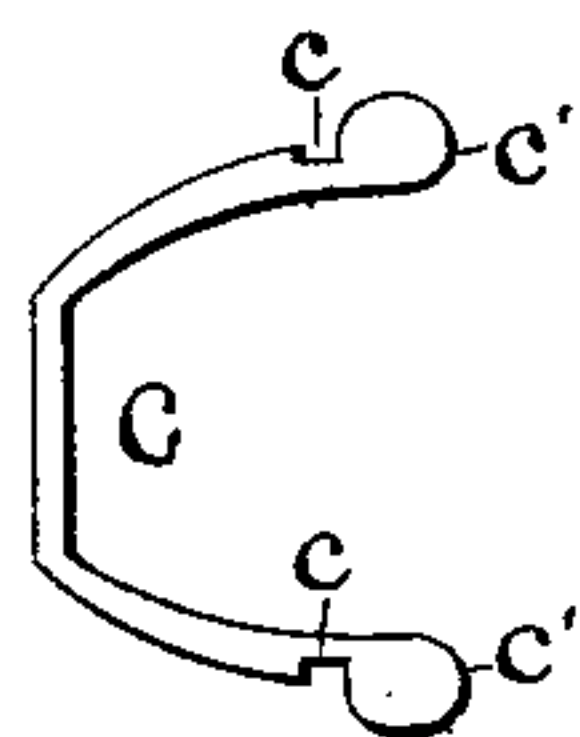


FIG. 3.

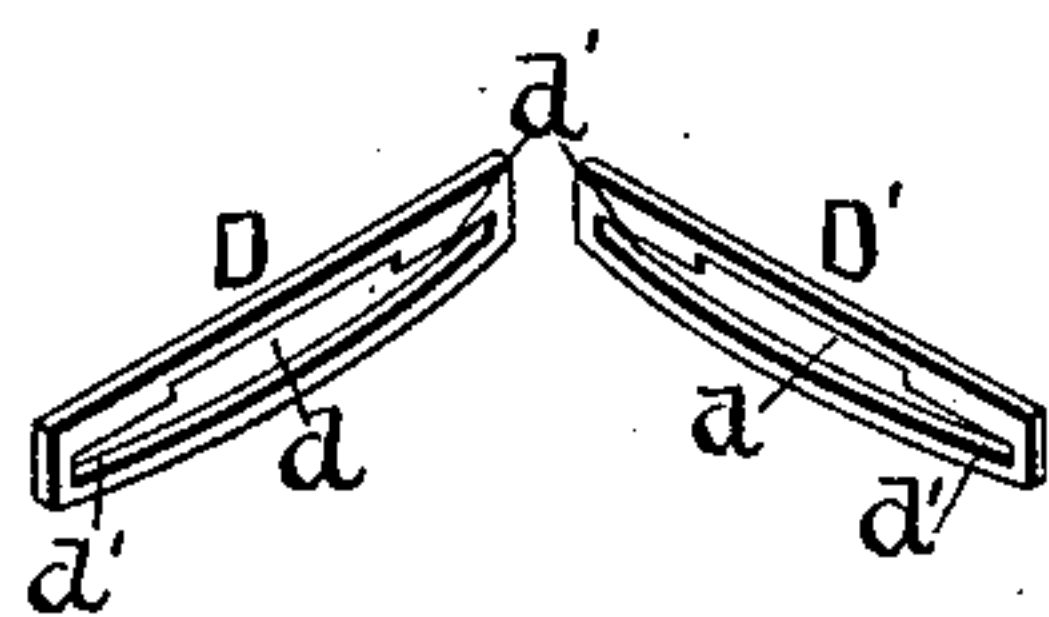


FIG. 5.

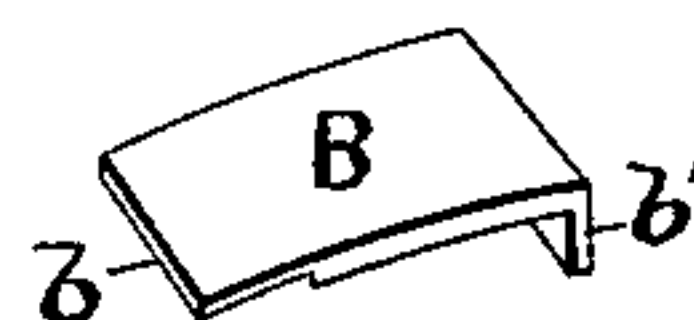


FIG. 4.

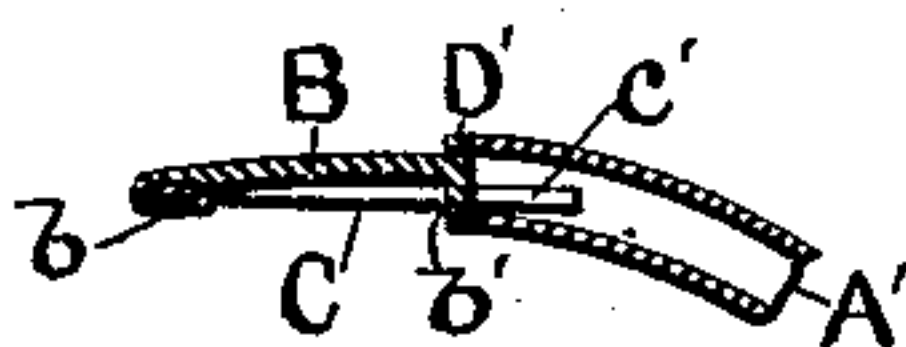


FIG. 6.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

DANIEL S. COOKE, OF PROVIDENCE, RHODE ISLAND.

## BRACELET.

SPECIFICATION forming part of Letters Patent No. 227,149, dated May 4, 1880.

Application filed March 24, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, DANIEL S. COOKE, of the city and county of Providence, and State of Rhode Island, have invented certain new and useful Improvements in Bracelets; and I do hereby declare that the following specification, taken in connection with the accompanying drawings, forming a part of the same, is a full, clear, and exact description thereof.

My improvements consist in the means employed for securing the spring locking device to one wing of a bracelet, and in preventing any relative lateral displacement of said wings when locked together, as will hereinafter appear.

Referring to the drawings, Figure 1 represents, on an enlarged scale, an opened bracelet embodying my improvements. Fig. 2 shows a side view of the same nearly closed. Fig. 3 represents the spring locking device. Fig. 4 shows, in perspective, the tongue previous to being secured to one of the wings. Fig. 5 represents, in perspective, the plates attached to the ends of the wings; and Fig. 6 shows a portion of one wing, the tongue, and the spring locking device in section.

The objects of my invention are to secure the spring locking device in position without the use of solder, thereby preserving the temper of the spring, and to arrange the said device and the tongue to which it is attached in different planes, so that lateral displacement of the wings will be prevented by the engagement of said tongue with the sides of the slot in the wing which the tongue enters, thereby preventing a straining of the bracelet-joint and securing the constant engagement of both arms of the spring locking device with said wing.

As shown in the drawings, A A' are the wings of the bracelet. B is the tongue attached to one of said wings, and C is the two-armed spring locking device secured to the tongue. To the free ends of the wings are secured plates D D', which are slotted, as shown in Figs. 1 and 5, the central portion, *d*, of the slot being wider than the end portions, *d'*. The tongue B is of a width equal to the length of the slot *d*, and is bent at right angles on the

rear end, *b'*, so as to fill the slot *d* in the plate D', to which it is hard-soldered before the spring locking device C is attached.

The free end *b* of the tongue is thinner than its body if the said body be of thick stock, in order that when bent over and around the spring C the combined tongue and spring will not be too thick to enter the slot *d* in the plate D, although the tongue may be of the same thickness throughout if made of thin metal.

As shown in Figs. 1 and 3, the locking device C is a U-shaped spring having two locking-arms supplied with notches *c*, to engage the ends of the slot *d'* in the plate D, and with enlarged ends *c'*, which extend beyond the sides of the bracelet, so as to be pressed by the fingers to disengage the wings. This spring locking device is preferably punched from sheet metal, and is placed in position by inserting the ends *c'* through the slot in the plate D', and is secured to the tongue B by bending the end of said tongue around and compressing it upon the spring, as shown in Fig. 6, thereby preserving the temper of the spring by avoiding the heat incident to soldering the spring to the tongue. If desired, however, the spring may be riveted to the tongue.

As shown in Figs. 2 and 5, the tongue B and spring C occupy different planes, so that when the wings are brought together the tongue acts as a guide, occupies the slot *d* in the plate D, and prevents lateral displacement of said wings, thereby preserving the joint of the bracelet and securing the constant engagement of both arms of the locking device C with the wing A.

Although, as shown and described, the plates D D' are duplicates, the plate D' may simply be slotted to receive the ends of the spring C, and a tongue without a bent end, *b*, be secured to said plate in any preferred manner, so long as said tongue and spring occupy different planes.

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

1. In a bracelet, the combination, with a wing having its free end slotted to engage a spring locking device, of a fellow wing provided with



a tongue, and a two-armed spring locking device secured to said tongue, in the manner specified, substantially as set forth.

2. In a bracelet, the combination, with a  
5 wing having its free end slotted, as described,  
of a fellow wing having a tongue secured  
thereto, and a two-armed locking device se-  
cured to the tongue so as to occupy a plane  
above or below said tongue, substantially as  
10 and for the purposes specified.

3. In a bracelet, the combination of two

wings provided with end plates, slotted as de-  
scribed, a tongue having its rear end bent, as  
described, and secured to one of said plates,  
and a two-armed locking-spring secured to 15  
the tongue and occupying a different plane  
from the tongue, substantially as set forth.

DANIEL S. COOKE.

Witnesses:

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