

(No Model.)

H. MURRAY.  
Bracelet Clasp.

No. 231,235.

Patented Aug. 17, 1880.

Fig. 1.

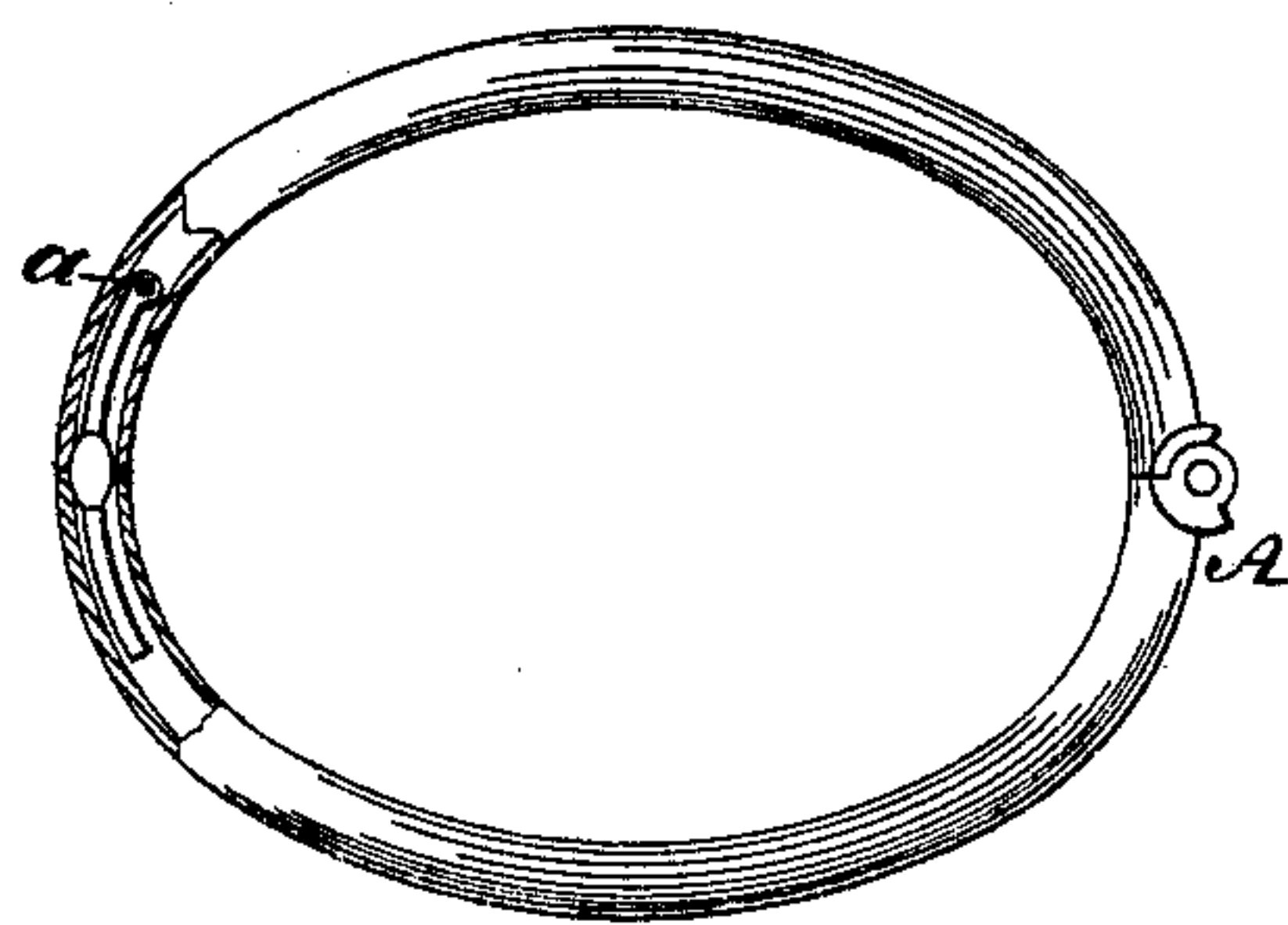


Fig. 2.

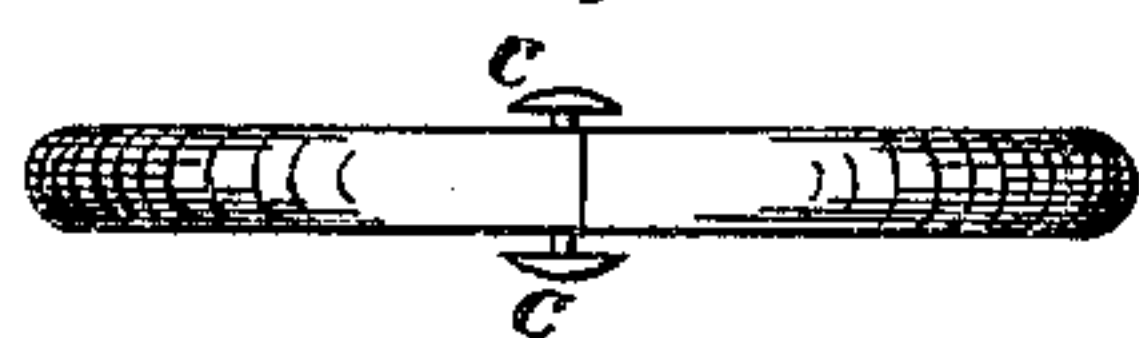


Fig. 3.

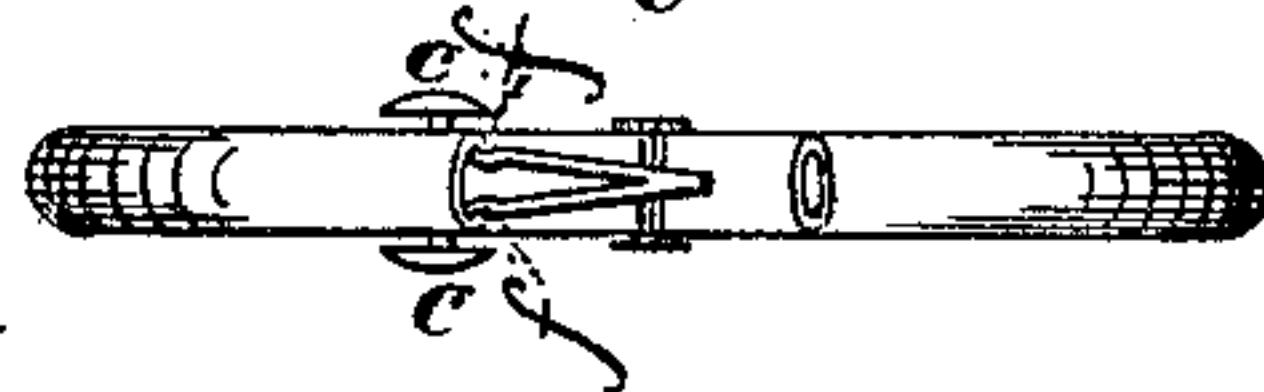


Fig. 4.

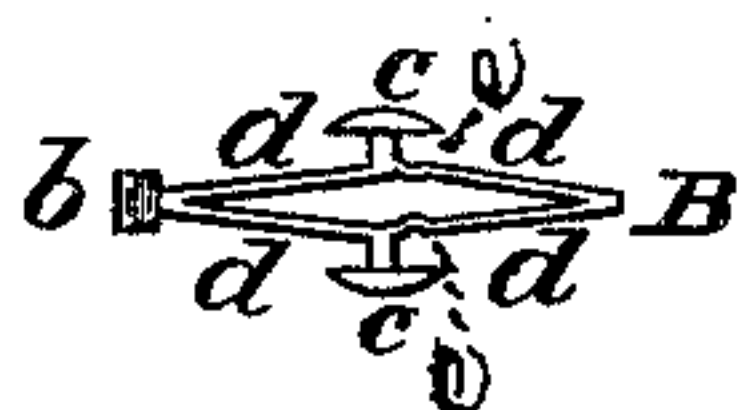


Fig. 5.



Witnesses:

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by *Albert S. Guilbert*  
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# UNITED STATES PATENT OFFICE.

HENRY MURRAY, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF OF HIS RIGHT TO REMBRANDT P. DAVIS, OF SAME PLACE.

## BRACELET-CLASP.

SPECIFICATION forming part of Letters Patent No. 231,235, dated August 17, 1880.

Application filed June 17, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY MURRAY, a citizen of the United States, residing in the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Bracelets, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side elevation, partly broken away, of the bracelet embodying my invention. Figs. 2 and 3 are edge views thereof. Figs. 4 and 5 are views of the catch of the bracelet detached.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of certain improvements in the catch of a bracelet, whereby soldering of a catch to the band or bracelet is avoided and strain on the spring portions prevented. The catch, when the bracelet is closed, is securely held on both sides, and at all times the pressure on the catch is equally distributed, and the bracelet readily springs open, all as will be hereinafter set forth.

Referring to the drawings, A represents a bracelet, which may be of any desired form and construction, but is hollow or tubular at its ends.

B represents the clasp or catch, which, curved to correspond with the curvature of the bracelet, is fitted to one end of the band or bracelet and adapted to engage with the other end thereof, said catch being constructed of two pieces, *d*, of suitable metal, united at their ends, and of such shape that they form somewhat a double-V-shaped piece, the angles whereof are at opposite ends. At one end of the catch is secured an eye, *b*, which extends transversely or at a right angle to the longitudinal direction of the catch, and to each side of the clasp is attached a thumb-piece, *c*. On each side of the clasp, adjacent to the thumb-piece, is a notch or shoulder, *e*, and at one end of the bracelet is a flange, *f*, with which the shoulder *e* is adapted to engage.

The end of the catch having the eye *b* is inserted in the end of the bracelet opposite to that having the flange *f*, and a rivet, pin, or screw, *a*, is passed through suitable openings in the bracelet and the eye *b* and fastened in position, the shanks of the thumb-pieces *c* be-

ing guided in suitable openings or notches in the end of the bracelet.

It will be seen that when the catch is attached to the bracelet the strain of the rivet, pin, or screw *a* is transferred to the eye *b*, thus relieving the spring-pieces *d* of strain, and as the catch is not soldered to the bracelet, injury to the spring and bracelet by heat is prevented.

When the bracelet is to be closed it is pressed together as usual. The projecting end of the catch then enters the opposite end of the bracelet, and both shoulders *e* engage with the flange, although one shoulder may answer, thus holding the catch on both sides and securely locking the ends of the bracelet.

When the bracelet is to be opened the two thumb-pieces are pressed toward each other, thus causing uniform pressure on both pieces. This clears the shoulders *e* of the flange *f*, and the action of the angular or inclined sides of the catch pressing against the flanged end of the bracelet forces said end from the other end, and thus the bracelet quickly springs open.

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

1. The bracelet-catch consisting of two pieces of elastic metal joined at both ends, having a loop or eye at one end and notched sides, substantially as and for the purpose set forth.

2. Two pieces of elastic metal joined at both ends, having a loop or eye at one end, notched sides, and two thumb-pieces, forming together an improvement in bracelet-catches, substantially in the manner and for the purpose set forth.

3. Two pieces of elastic metal joined at both ends and having at one end a loop or eye extending at a right angle to the length of the pieces, in combination with the bracelet and the securing rivet, pin, or screw, the bracelet having at the end opposite to the two pieces of elastic metal means for engagement or locking with said pieces, substantially as and for the purpose set forth.

Witnesses:

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