

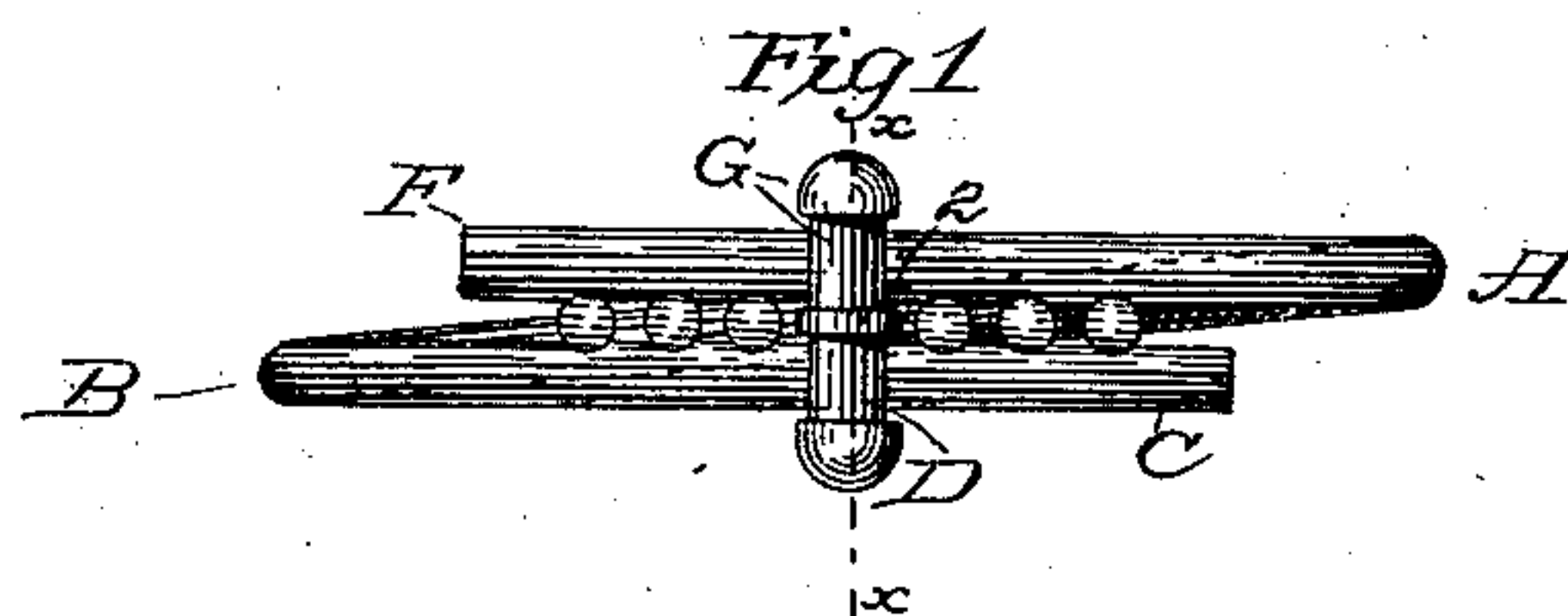
(No Model.)

G. B. GOFF & G. LENAU.

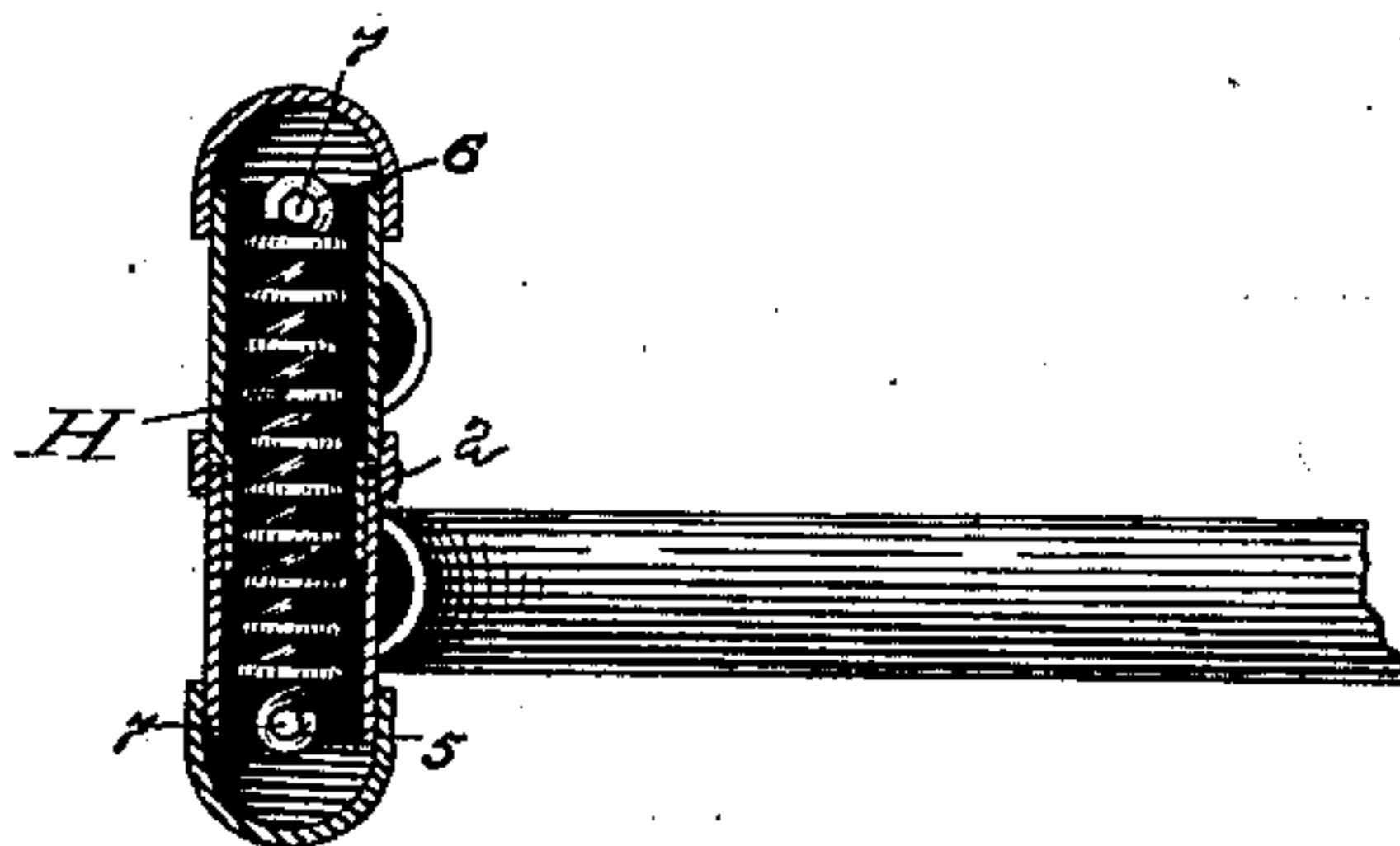
BRACELET.

No. 255,278.

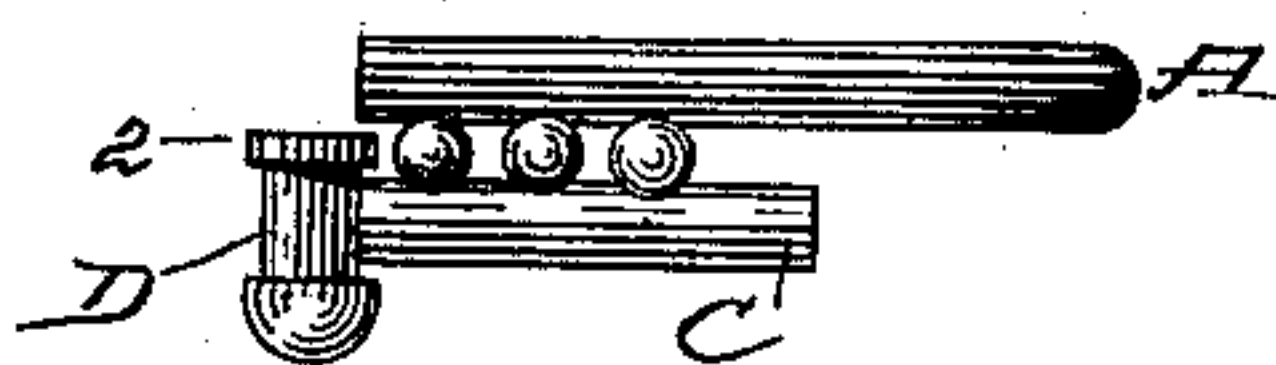
Patented Mar. 21, 1882.



*Fig. 2.*



*Fig. 3.*



witnesses  
*Walter Donaldson*  
*F. L. Middleton*

Inventor  
*G. B. Goff*  
by *G. Lenau*  
*Ellis Spear*  
Att'y

# UNITED STATES PATENT OFFICE.

GAMALIEL B. GOFF AND GUSTAVUS LENAU, OF ATTLEBOROUGH, MASSACHUSETTS, ASSIGNORS TO S. E. FISHER & CO., OF SAME PLACE.

## BRACELET.

SPECIFICATION forming part of Letters Patent No. 255,278, dated March 21, 1882.

Application filed January 16, 1882. (No model.)

*To all whom it may concern:*

Be it known that we, GAMALIEL B. GOFF and GUSTAVUS LENAU, of Attleborough, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Bracelets; and we do hereby declare that the following is a full, clear, and exact description of the same.

Our invention relates to an improvement in self-closing-bracelets; and it consists in the peculiar and novel manner of connecting the wings, and of combining such wings with the spring, which makes the bracelet self-operating.

The invention is illustrated in the accompanying drawings, in which Figure 1 is a plan view; Fig. 2, a section on line *xx*; Fig. 3, a separate view of one of the wings.

The bracelet, which is constructed of precious or base metals, as may be preferred, is composed of two wings, A B. These wings may be made of flat, round, or angular shaped solid metal; but we prefer to use light tubes curved to proper shape and connected by the joint now to be described.

To the wing A is attached, by means of short connecting-pieces 1, which in this case are in the form of ornamental beads, a short solid or tubular portion, C. This part C is rigidly soldered to a transverse tube, D, having at one end a ferrule, 2. The arm A, while thus rigidly connected to the tube D by means of the part C, is not directly attached to such tube.

The wing B, which forms the opposite side of the bracelet, is substantially similar in form and construction to the wing A, and is secured by means of the arm F to a tube, G, similar in form to the tube D, connected to the wing A. The tube G is formed of thicker metal than the tube D, which allows it to be reduced in thickness sufficiently for insertion into such tube D, the joint being covered and concealed by the ferrule 2, before mentioned. When the tube G is inserted into the tube D in this manner the end of the wing A will bear against the tube G and the wing B against the opposite tube D, and the wings thus have

the appearance of being connected directly to such tubes.

It is evident that the insertion of the tube G in the tube D forms a joint which permits the wings to open and close.

The tubes are prevented from disengaging by means of the ferrule 2, heretofore referred to, for, since the ends of each of the wings A B bear against the tube attached to the other wing, the greater diameter of the ferrule makes such ferrule a stop, against which the end of the wings bear, preventing any lateral movement or sliding of the tubes upon one another.

The wings are rendered self-acting by a spring, H, preferably of spiral form, though a flat torsion-spring could be used. The spring H is inserted within the tubes so that its ends extend nearly or quite to the ends thereof, and these ends are formed into an eye or hook, as shown.

In the ends of the tubes D G are notches 5 6. A pin, 7, is passed through the ring or hook in the end of the spring, to which it may be secured, if desired, by a drop of solder, and rests in such notches in each side of the spring. The opening of the wings, therefore, coils the spring closer, and the return to a closed position is quick and positive. The spring and pins serve as an additional fastening to secure the joint.

The ends of the tubes are preferably covered with a cap of ornamental form, as shown.

By providing the free ends of the wings with a catch the spring could be used to open the wings. The self-closing bracelet is, however, the preferable form.

Having thus described our invention, what we claim is—

1. In a bracelet, the combination of wings A B, the lateral tubes forming a joint, and a spring passing laterally through such tubes.

2. The combination of the wings A B, connected to lateral tubes D G, the spring, the notches 5 6 in the tubes, and the pins.

3. The combination, with the wings of a bracelet, of the arms C F and the lateral tubes D G.

4. The wings A B, arms C F, and tubes D G, in combination with the ferrule.

5. In combination, the wings A B, the arms C F, connected to the side of the said wings by the beads 1, and the described joint, all substantially as set forth.

In testimony whereof we have signed our

names to this specification in the presence of two subscribing witnesses.

G. B. GOFF.

GUSTAVUS LENAU.

Witnesses:

JAMES W. RILEY,

B. PORTER, Jr.