

(No Model.)

A. VESTER.

SPRING RING FOR NECK CHAINS AND BRACELETS.

No. 302,676.

Patented July 29, 1884.

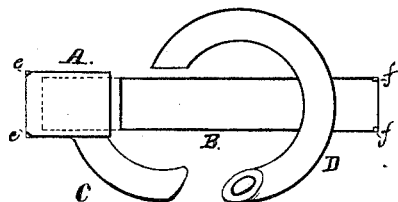


FIG. 1

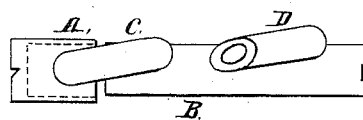


FIG. 2

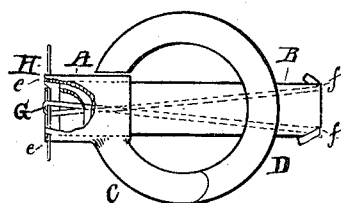


FIG. 3



FIG. 4

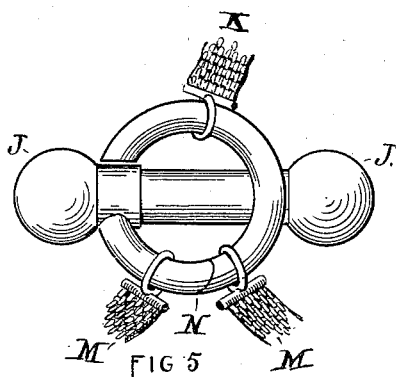


FIG. 5

WITNESSES

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SPRING-RING FOR NECK-CHAINS AND BRACELETS.

SPECIFICATION forming part of Letters Patent No. 302,676, dated July 29, 1884.

Application filed October 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH VESTER, of Providence, in the State of Rhode Island, have invented a new and useful Spring-Ring Fastening for Neck-Chains, Bracelets, &c.; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is a front or top view of the detached parts. Fig. 2 is a side or edge view of the same. Fig. 3 shows construction and arrangement of interior spring, a part of the shell being broken away. Fig. 4 shows the spring and transverse rod detached. Fig. 5 shows the completed device.

The object of my invention is to provide a device superior to those now in use for connecting and securely holding the contiguous ends of neck-chains, bracelets, &c., to and from which said ends can be easily and quickly attached or detached; and it consists in the construction, arrangement, and combination of the several parts, as hereinafter described.

In the drawings, A and B, Fig. 1, are shells or tubes of unequal lengths, the former being of sufficient diameter to receive the end of the latter, as indicated by the dotted lines. To the side of the tube A, I attach, by solder or otherwise, a segment of rod or tube, C, and upon the tube B another segment of rod or tube, D, the two segments forming, when placed together with the intervening tube, A, a complete ring, as shown in Fig. 3. The outer edges of the tube A and B are provided with notches or slots *e e* and *f f*. The two parts A and B having been placed together, as shown in Fig. 3, I introduce into the compound tube thus formed a spring, G, which is shown detached in Fig. 4, having a transverse rod, H, passing through the looped end, which rod rests in the notches *e e* and prevents the further passage of the spring. The protruding ends of the spring G are twisted until the flat sides are toward the notches *f f*, when they are bent over and rest in said notches, as shown in Fig. 3. The rod H and the spring

G are then soldered to the tubes A and B, at the point of contact with the edges thereof, and the outer ends cut off and removed. The tubes A and B are held together by the spring. A ball or cap, J, is placed upon either end, as shown in Fig. 5, and serves both as an ornamental finish and as an aid in operating the ring. One end of the segment D comes nearly in contact with the tube A, but is not soldered or otherwise attached thereto.

The operation of my invention used with a neck-chain, as shown in Fig. 5, is as follows: The short or depending end K of the chain, to which a locket or other ornament may be attached, is provided at its upper end with a suitable loop, which is slipped onto the segment D, the end of which is temporarily bent away from the tube A to permit its introduction. The ends M M of that portion of the chain which surrounds the neck are also provided with loops. To place these loops upon the ring I take hold of the balls J with the thumb and finger of each hand and twist them in opposite directions with sufficient force to overcome the resistance of the spring G and open the ring at N, when they may be easily slipped on. As soon as the loops are upon the ring the pressure is released from the balls, and the two parts of the ring come together again through the action of the spring G. In the case of a bracelet one end is attached to one side of the ring, like the end K of the chain, while the other is attached through the operation above described.

What I claim as my invention, and desire to secure by Letters Patent, is—

A spring-ring fastening for neck-chains and bracelets, consisting of the tubes A and B, with the ring-segments C D attached thereto, and an interior spring, G, the whole constructed, combined, and operating in the manner substantially as described.

ADOLPH VESTER.

Witnesses:

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CHARLES H. TITUS.