

(No Model.)

J. T. HEALY.

FASTENING DEVICE FOR SECURING WATCHES TO CHAINS.

No. 341,908.

Patented May 18, 1886.

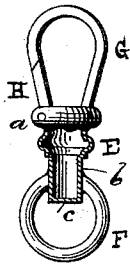


FIG. 1.

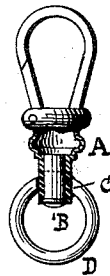


FIG. 2.



FIG. 3.

WITNESSES.

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FASTENING DEVICE FOR SECURING WATCHES TO CHAINS.

SPECIFICATION forming part of Letters Patent No. 341,908, dated May 18, 1886.

Application filed October 7, 1885. Serial No. 179,272. (No model.)

To all whom it may concern:

Be it known that I, JOHN T. HEALY, of the town of Attleborough, in the county of Bristol, in the State of Massachusetts, have invented a certain new and useful Improvement in Fastening Devices for Securing Watches to Chains; and I declare the following to be a specification thereof, reference being had to the accompanying drawings.

10 Like letters indicate like parts.

Figure 1 shows my invention partly in side elevation and partly in central vertical section. Fig. 2 is a like view of a swivel as commonly constructed. Fig. 3 is a perspective view of the body or stem of my improved fastening device.

My invention is a substitute for the swivels used to connect a watch and chain; and it consists of a body or stem formed in one piece and having the usual bow and spring-snap and a ring-link, which is secured to the body or stem directly by soldering.

Watch-chain swivels have hitherto been constructed in the manner illustrated by Fig. 2, in which the body A has an open tubular end, into which is inserted and soldered a plug, B. A ring, C, to which a circular link, D, is soldered, is mounted upon the plug B, and is held thereon by the heading or riveting of said plug, so that the ring C may turn thereon; but in practice such swivel-ring is so tightly held as to be quite immovable, while the insertion and fastening of the plug B in position requires a number of operations, which I deem 35 it of importance to avoid.

In my device I dispense entirely with the plug B and ring C. In Fig. 1 I illustrate my invention, by which it is seen to consist of a stem or body, E, of peculiar construction, a fixed ring-link, F, and the usual bow, G, and 40 pivoted spring-snap H.

The characteristic feature of my invention, which is shown in Fig. 3, consists of the bulb portion *a* and the cylindrical portion *b*, having a closed end, *c*. The body or stem, Fig. 3, is 45 formed of one piece of stock cupped and drawn into the usual manner, and then formed by dies into the required shape, by which operation the end *c* is closed and forms a plane surface. The bow, spring, and snap are secured within 50 the bulb portion *a* in the usual manner. The ring-link F is soldered directly upon the cylindrical portion of the stem. By this construction I obtain a fastening device exactly like the ordinary watch-chain swivel in appearance and shape and equally efficacious, 55 but produced more cheaply and with less labor.

I claim as a novel and useful invention and desire to secure by Letters Patent— 60

The herein-described fastening for watch-chains, the same consisting of the body E, formed with a bulb, *a*, to which is attached the bow G and snap H, and having a closed cylindrical portion, *b c*, to which is soldered 65 the ring-link F, as specified.

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Witnesses:

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