

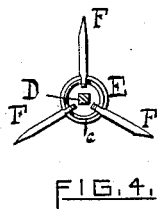
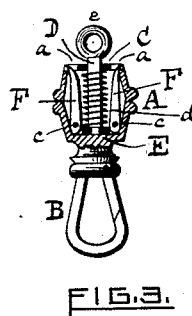
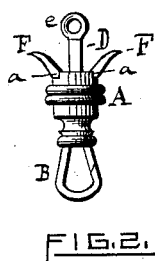
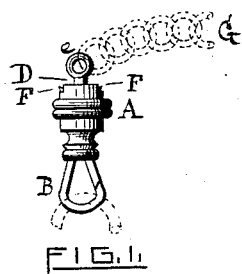
(No Model.)

J. T. HEALY.

COMBINED WATCH CHAIN SWIVEL AND WATCH PROTECTOR.

No. 345,783.

Patented July 20, 1886.



WITNESSES.

Amos W. Fink

Warren R. Pierce

INVENTOR.

John T. Healy

UNITED STATES PATENT OFFICE.

JOHN T. HEALY, OF ATTLEBOROUGH, MASSACHUSETTS.

COMBINED WATCH-CHAIN SWIVEL AND WATCH-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 345,783, dated July 20, 1886.

Application filed March 8, 1886. Serial No. 194,496. (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 a Combined Watch - Chain Swivel and Watch-Protector; and I declare the following to be a specification thereof, reference being had to the accompanying drawings.

Like letters indicate like parts.

Figure 1 is a side elevation of my invention with the prongs and working parts concealed in the barrel of the swivel. Fig. 2 is a side elevation of my invention, showing the prongs extended. Fig. 3 shows, partly in central longitudinal section and partly in side elevation, my invention and the working parts in their normal position. Figs. 4 and 5 are detail views.

My invention is a combined watch-chain swivel and watch-protector; and it consists of a swivel having a tubular body and the usual bow, in combination with a movable stem and movable prongs, which are suitably connected and provided with a spring, and are normally held within the body of the swivel by the action of the spring, but are extensible therefrom by means of the attached chain, as hereinafter fully specified.

In the drawings, A represents the barrel or tubular body of the swivel, and B the usual bow to receive the ring of the watch-stem. The outer end of the barrel A of the swivel is closed by a cap-piece, C, having the slots *a* on its rim and a central slot, *x*. A stem, D, passes through the slot *x* of the cap-piece C, and at its bottom is riveted to the circular disk E, as shown in Figs. 3 and 4. Three prongs, F, are loosely mounted upon the wire ring *e*, which is soldered upon the upper side of the disk, and the disk has radial slots on its rim to receive the inner ends of such prongs, as best appears in Fig. 3. A spiral spring, *d*, surrounds the stem D in the barrel A of the swivel, and has its bearings on the upper surface of the inclosed disk E and the under surface of the cap-piece C, as seen in Fig. 3. A ring, *e*, is soldered to the outer end of the stem D, and to it the watch-chain G is attached in the usual manner, as shown in Fig. 1.

The cap-piece C is soldered to the outer end of the barrel A of the swivel, and the sharp points of the prongs F normally rest in the corresponding slots, *a*, of said cap-piece.

The purpose of the invention is to automatically prevent the snatching of the watch from the pocket by thieves.

The operation of my device is as follows: When the swivel is at rest, the prongs F are withdrawn and concealed within the barrel or body of the swivel, as illustrated in Fig. 1, by the force of the spring *d* upon its bearings C and E. When the chain G is drawn or pulled, whether gently or violently, the stem D, connected therewith by the ring *e*, is drawn outwardly, compressing the spring *d* by said movement and raising the disk E and the prongs F. The points of the prongs F are sharp, and, being guided by the slots *a*, pass out through said slots diagonally, spreading, as shown in Fig. 2, and hook into the cloth of the pocket or garment, thus preventing the watch from being drawn out by the thief.

Any desired number of prongs F may be used, provided a corresponding slot, *a*, for each prong is made in the cap-piece C for the reception thereof.

When the stem and prongs are retracted within the barrel, the swivel presents the usual appearance.

In order to withdraw the watch from the pocket, the wearer should seize the swivel bodily, or the ring of the watch-stem, so that there shall be no draft on the chain to extend the prongs.

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

1. The combination of the barrel A, having the cap C, with the slots *a* *x*, the stem D and the disk E, fastened together, the prongs F, mounted loosely upon said disk E by the wire *e*, and the spiral spring *d*, surrounding said stem, substantially as specified.

2. The combined watch-chain swivel and watch-protector herein described, consisting of the barrel A and the bow B, secured to the base of said barrel, the cap-piece C, slotted at *a* and *x*, the stem D, having the ring *e* and fastened to the disk E, the prongs F, mounted upon said disk by the wire *e*, the disk E, and the spiral spring *d*, all arranged and operating substantially as and for the purpose specified.

JOHN T. HEALY.

Witnesses:

DANIEL W. FINK,
WARREN R. PERCE.