

(No Model.)

P. NERNEY.

SWIVEL FOR WATCH CHAINS.

No. 295,577.

Patented Mar. 25, 1884.

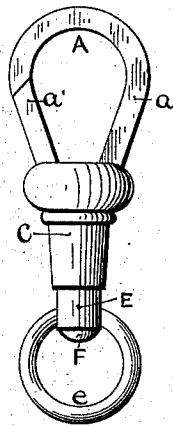


FIG. 1.

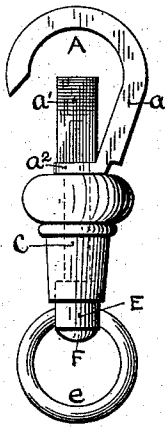


FIG. 2.

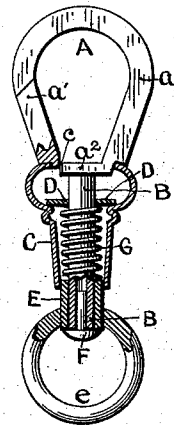


FIG. 3.

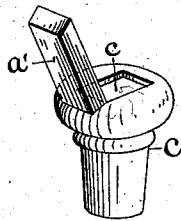


FIG. 5.

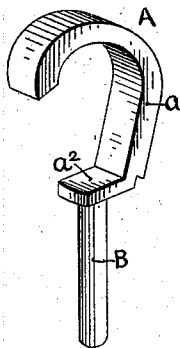


FIG. 4.

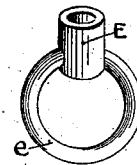


FIG. 6.

WITNESSES.

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SWIVEL FOR WATCH-CHAINS.

SPECIFICATION forming part of Letters Patent No. 295,577, dated March 25, 1884.

Application filed February 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, PETER NERNEY, of Attleborough, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Swivels for Watch-Chains; and I do hereby declare the following specification, taken in connection with the accompanying drawings, forming a part of the same, to be a description thereof.

This invention relates to a swivel for watch-chains; and it consists in certain features of construction, as hereinafter set forth.

Referring to the drawings, Figure 1 represents a front view of the swivel with the bow thereof closed, as when connected to a watch-ring. Fig. 2 shows the same with the bow open to allow a watch-ring to be connected. Fig. 3 represents a central vertical section of Fig. 1. Fig. 4 shows in perspective the stem member with a portion of the bow secured thereto. Fig. 5 represents in perspective the neck member with the remaining portion of the bow secured to its head. Fig. 6 shows in perspective the swivel-sleeve with its attached ring.

A is the bow member, which is in two parts, a and a' . The part a is secured to the upper end of the stem B, as shown in Figs. 3 and 4, and the part a' is rigidly attached to the head of the neck member C, as shown in Figs. 3 and 5. The neck member C is hollow, and has its head provided with a perforation, c , to receive the foot a' of the bow portion a when the bow is closed.

D is a bridge-piece, which stretches across the interior of the neck member C, and is secured to the walls thereof. The bridge-piece D is centrally perforated to form a bearing for the stem B and hold it at all times in axial alignment with the neck member.

E is the swivel-sleeve, which fits on the lower end of the stem B, and is furnished with an attached ring, e , to receive the watch-chain. The swivel-sleeve E is retained upon the stem B by a headed pin, F, which enters the lower end of the stem, and is secured thereto by solder. Preferably the stem B is made of hollow wire, to furnish a cavity into which the shank of the pin F can be inserted, as shown in Fig. 3; but the stem may be solid and have a hole drilled into its lower end to receive the pin-shank.

G is a spiral spring, which surrounds the stem B, and bears at its lower end upon the sleeve E and at its upper end upon the bridge-

piece D, thereby pressing the neck member C upward over the foot a' of the bow portion a and locking the bow in a closed position. The neck member C is mounted on the stem B, so as to be capable of longitudinal and rotary movements.

When it is desired to open the bow to admit or to release the watch-ring, the neck member C is depressed on the stem by the fingers until the foot a' of the bow portion a passes out of the perforation c in the head of the neck member. The neck member is then partially rotated to carry the bow portion a' to one side, as shown in Fig. 2, when the watch-ring may be inserted or withdrawn. The bow is closed by turning the neck so as to bring the bow portion a' under the portion a , and then releasing the neck, when the spring G will raise the neck and its bow member a' and cause the foot a' of the bow portion a to pass into the perforation c in the head of the neck, and thereby lock the bow in a closed position.

Although I prefer to make the stem B of hollow wire, and to employ the headed pin F to hold the sleeve E upon the stem, yet a circular plate covering the lower end of the sleeve may be soldered to the lower end of the stem for such purpose; or the lower end of the stem may project beyond the sleeve and be headed over thereon to retain the sleeve on the stem, as will be readily understood.

I do not claim, broadly, a swivel having a bow member capable of being turned, and having a neck member mounted so as to be movable on the stem, and actuated by a spring to lock the bow member in a closed position.

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

As an improved article of manufacture, a swivel composed of a stem B, having a bow portion, a , rigidly secured thereto, a neck member, C, having the remaining bow portion rigidly secured to its head, and said head provided with a perforation, c , to receive the foot of the bow portion a , the bridge-piece D, secured to and within the neck member C, the swivel-sleeve E, having a ring attached thereto and secured upon the stem, as described, and the spiral spring G, mounted on the stem and bearing against bridge-piece D and the sleeve E, substantially as set forth.

Witnesses:
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