

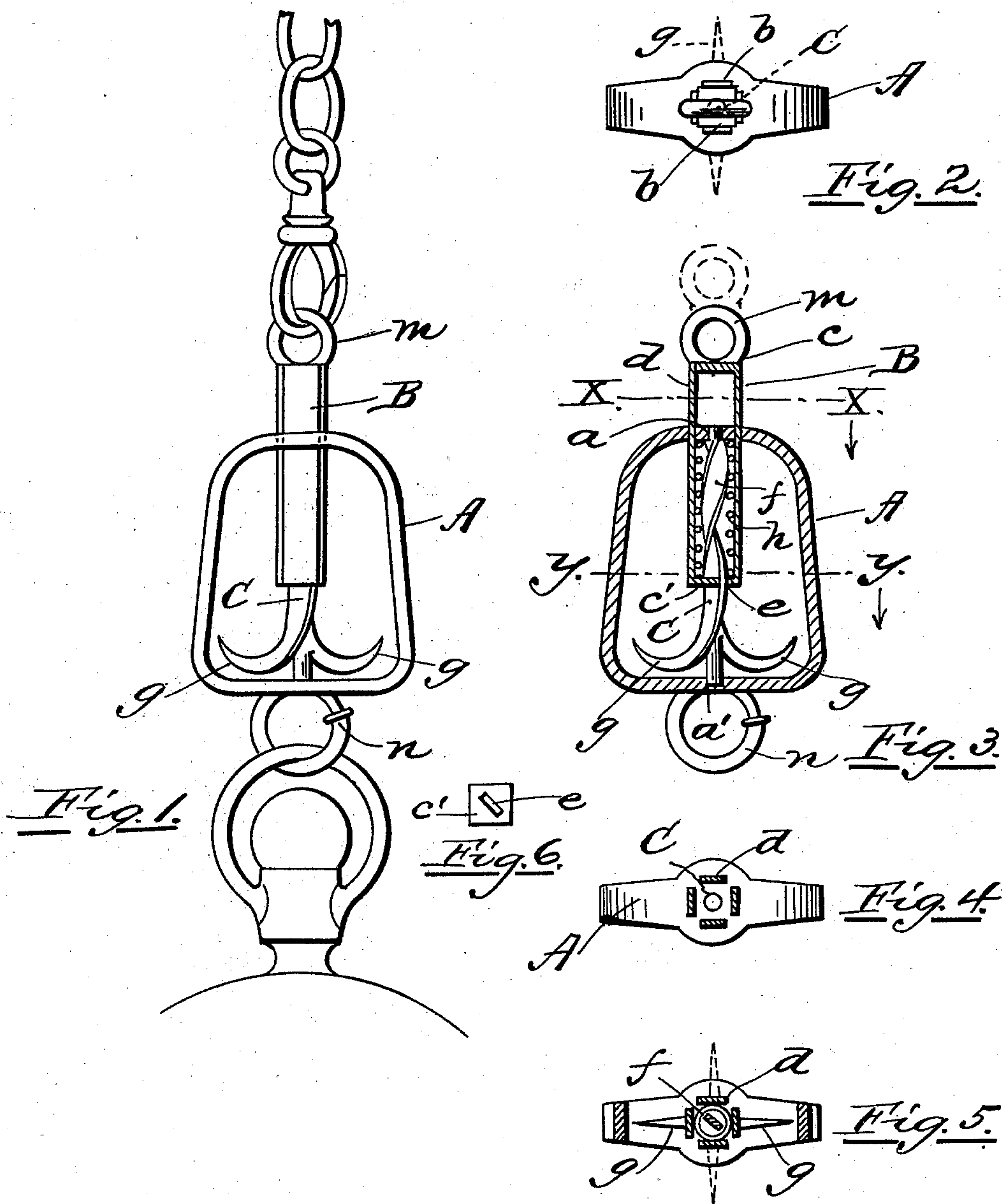
No. 750,265.

PATENTED JAN. 26, 1904.

G. O. CURTIS.  
SAFETY GUARD.

APPLICATION FILED MAY 18, 1903.

NO MODEL.



WITNESSES.

C. Y. Hannigan.

William E. Brown

INVENTOR.

Gerard O. Curtis

By Horatio E. Bellome

Att'y.



# UNITED STATES PATENT OFFICE.

GERARD O. CURTIS, OF HARTFORD, CONNECTICUT.

## SAFETY-GUARD.

SPECIFICATION forming part of Letters Patent No. 750,265, dated January 26, 1904.

Application filed May 18, 1903. Serial No. 157,572. (No model.)

*To all whom it may concern:*

Be it known that I, GERARD O. CURTIS, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Safety-Guards, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to safety-guards for watches, and has for its object the provision of a means to prevent the dishonest or accidental removal of the watch from the pocket.

In the drawings, wherein like reference-letters indicate like parts, Figure 1 is a side elevation of novel device engaging a watch and chain; Fig. 2, a top plan view of my guard, showing the prongs in broken outline; Fig. 3, a central vertical section of the same, partly in side elevation of the guard, showing in broken lines the position of the upper suspension-ring when tension is applied to the chain; Fig. 4, a transverse section of the same on line *xx* of Fig. 3; Fig. 5, a like section of the same on line *yy* of Fig. 3, showing in broken lines the prongs in engaged position; and Fig. 6, a plan view of the lower end of the tube.

In detail my guard comprises a narrow arched frame A, provided in its top and bottom with circular openings *a a'*. The upper portion of the frame is also provided with openings *b* to allow passage therethrough of a slidable tube or housing B. The latter has closed ends *c c'* and vertical walls *d*. The bottom *c'* of the tube is provided with a volute shank *f*, formed of twisted flat stock. The convolutions of the shank terminate at a point near the bottom of the rod, from which point radiate two oppositely-disposed upwardly-curved prongs *g*, which normally rest in the plane of the frame A. The shank of the rod C traverses the perforation *e* in the bottom of the inclosing housing B and is surrounded by a spiral spring *h* intermediate the bottom *c'* and the top of the frame. To the top of the tube B and to the bottom of the frame A are fixed rings *m* and *n*, adapted to engage the chain and watch, respectively.

The operation of my device is as follows: The frame A with its connected parts nor-

mally appear as in Fig. 1. When tension is applied to the chain connected with the ring *m*, the housing B is elevated, thereby causing the latter in its upward travel over the volute shank to force the prongs *g* out of the plane of the frame. Meanwhile the rise of the frame brings the prongs into engagement with the fabric of the pocket and retaining the watch. As soon as the pull upon the chain is discontinued the tension of the spiral spring forces the housing B downwardly until the prongs resume their position in the plane of the frame.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a safety-guard for watches, the combination with a frame of a rod pivoted in the frame, prongs radiating from the rod, and means upon the rod for rotating the latter.

2. In a safety-guard for watches, the combination with a frame of a rod rotatably mounted in the frame, prongs radiating from the rod, a sliding member mounted in the frame, and means in the sliding member for turning the vertical rod.

3. In a safety-guard for watches, the combination with a frame of a rod pivotally mounted in the frame, prongs radiating from the rod, a sliding member mounted in the frame and around the rod for rotating the latter and a spring within the sliding member bearing against the frame.

4. In a safety-guard for watches, the combination with a frame of a rod, pivotally mounted in the frame, a volute shank upon the rod, prongs projecting from the rod, a housing slidably mounted in the frame and surrounding the shank, a slot in the lower end of the housing through which the shank passes.

5. In a safety-guard for watches, the combination with a frame of volute pivotal member mounted in the frame, prongs radiating from the pivotal member, and means carried by the frame for turning the pivotal member.

In testimony whereof I have affixed my signature in presence of two witnesses.

GERARD O. CURTIS.

Witnesses:

L. EDMUND ZACHER,  
ROBERT C. GLAZIER.