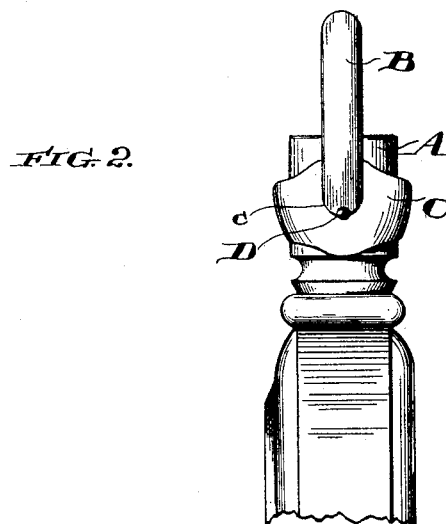
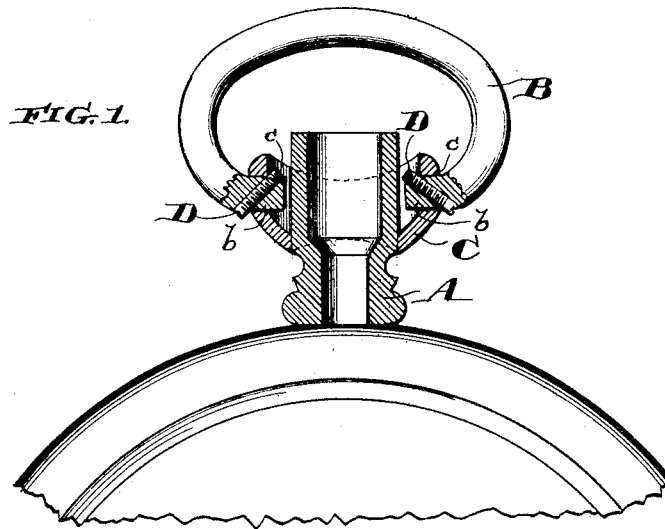


(No Model.)

F. MINK.  
WATCH BOW FASTENER.

No. 456,902.

Patented July 28, 1891.



Witnesses:  
Henry D. Mink  
Jesse Heller.

Inventor:  
Fritz Mink  
by his atty.  
*[Signature]*

# UNITED STATES PATENT OFFICE.

FRITZ MINK, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE  
KEYSTONE WATCH CASE COMPANY, OF SAME PLACE.

## WATCH-BOW FASTENER.

SPECIFICATION forming part of Letters Patent No. 456,902, dated July 28, 1891.

Application filed April 9, 1891. Serial No. 388,205. (No model.)

*To all whom it may concern:*

Be it known that I, FRITZ MINK, of the city and county of Philadelphia, and State of Pennsylvania, have invented an Improvement in Watch-Bow Fasteners, of which the following is a specification.

My invention relates to watch-bow fasteners; and it consists of certain improvements, which are fully set forth in the following specification and are shown in the accompanying drawings, which form a part thereof.

The object of my invention is to obtain a convenient, economical, and neat device for fastening the bow to the pendant of a watch-case with the usual freedom of swinging movement.

In carrying out my invention I form the pendant with apertures upon diametrically-opposite sides and insert the ends of the bow in these apertures, so that the extremities thereof project slightly upon the interior. I then insert pins or screws diagonally through the metal of the ends of the bow, so that the ends thereof project slightly upon the interior, forming a projection or obstruction, which prevents the ends being withdrawn. When the opposite end of this pin is made to project slightly beyond the metal of the bow on the outside of the pendant, it similarly forms an obstruction upon the outside also, and thus locks the ends of the bow against movement either inwardly or outwardly.

My invention is particularly adapted to the construction of watch-case pendant and bow, known as the "antique." By employing an outer shell or false pendant and fastening the ends of the bow thereto instead of to the inner or pendant proper the pins may be easily inserted in the proper position.

In the drawings I have shown my invention applied to an antique bow and pendant.

Figure 1 is a view of my device, partly in section. Fig. 2 is a side view.

A is the pendant proper of the watch-case. B is the bow.

C is the outer shell or false pendant, surrounding the pendant proper A and provided upon diametrically-opposite sides with apertures *c*. The ends *b b* of the bow B are inserted in these apertures *c c*.

D are pins or screws inserted diagonally through the metal of the ends of the bow, so as to project slightly therefrom upon the in-

side adjacent to the interior of the aper- 55  
tures *c*, so as to form an obstruction to the withdrawal of the ends *b b* through the apertures, while permitting them to turn freely therein. By permitting the end of the pin or screw D to project upon the outside also, as shown, an obstruction is similarly presented to the inward movement of the ends of the bow, thus locking them against movement in either direction. 60

I prefer the minor details of construction which are shown, but they may be modified, if desired, without departing from the invention. 65

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

1. The combination of a pendant provided with apertures upon diametrically-opposite sides, a bow having its end received in said apertures, and pins or screws inserted diagonally through the metal of the ends of the bow and projecting slightly upon the interior adjacent to the apertures, so as to present an obstruction to the withdrawal of the ends of the bow through said apertures. 75

2. The combination of the pendant proper of a watch-case, an outer shell encircling said pendant proper and provided upon diametrically-opposite sides with apertures, a bow having its ends inserted in said apertures of the outer shell, and pins or screws inserted diagonally through the metal of the bow and projecting upon the interior of said outer shell adjacent to the apertures therein to prevent the withdrawal of the ends of the bow through said apertures. 80

3. A watch-bow fastener consisting of a pendant having apertures upon diametrically-opposite sides, a bow having its ends inserted through said apertures, and pins or screws inserted diagonally through the metal of the bow and projecting both upon the inside and outside of the pendant adjacent to the apertures to prevent the lateral movement of the ends of the bow in either direction, while allowing it to turn freely in the apertures. 90

In testimony of which invention I have hereunto set my hand.

FRITZ MINK.

Witnesses:

ERNEST HOWARD HUNTER,  
S. T. YERKES.