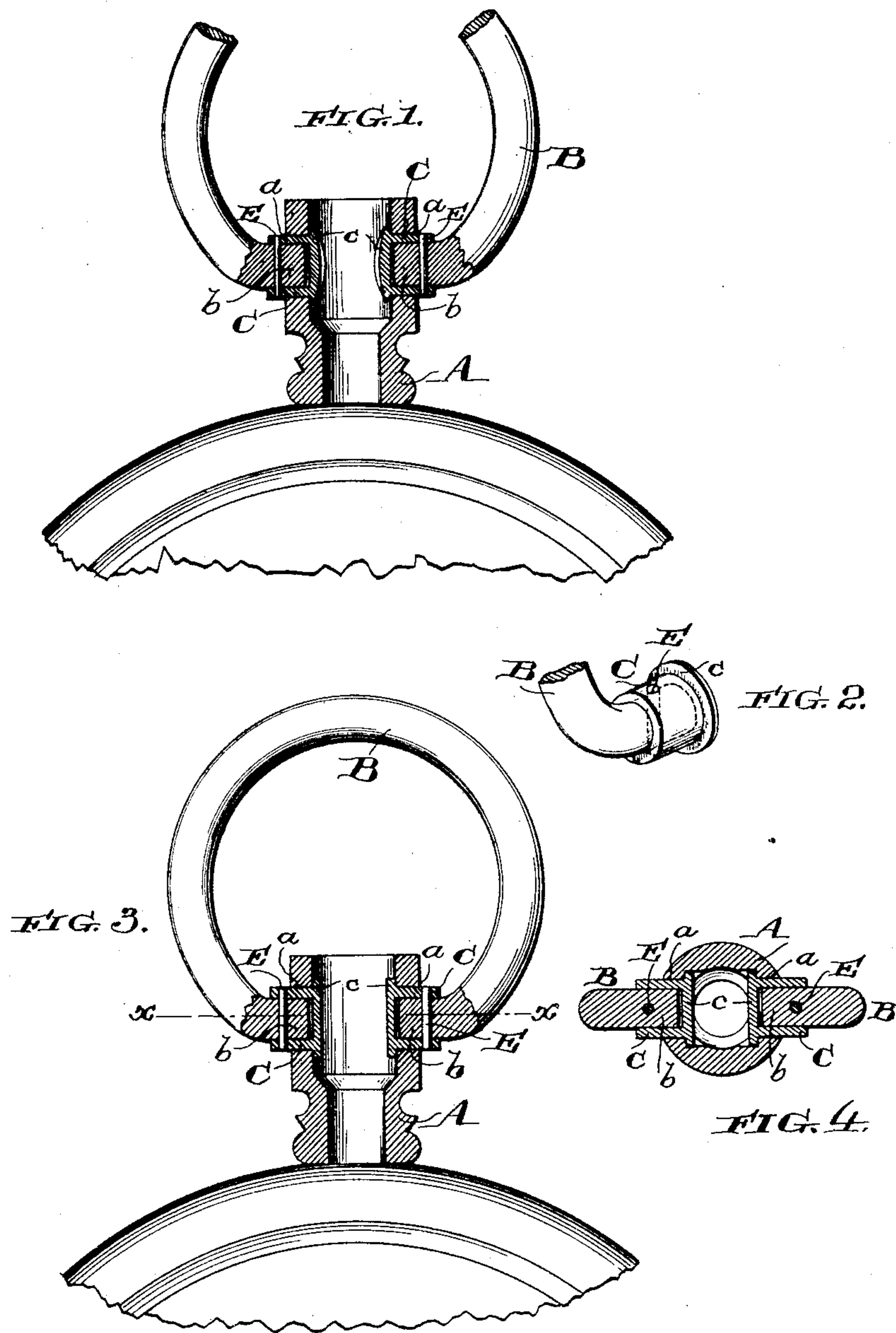


(No Model.)

J. J. HOGAN.
WATCH BOW FASTENER.

No. 460,872.

Patented Oct. 6, 1891.



Witnesses:

Henry D. King
Jesse Keller

Inventor:

John J. Hogan
by his Attorney

[Signature]

UNITED STATES PATENT OFFICE.

JOHN J. HOGAN, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO THE KEYSTONE
WATCH CASE COMPANY, OF PHILADELPHIA, PENNSYLVANIA.

WATCH-BOW FASTENER.

SPECIFICATION forming part of Letters Patent No. 460,872, dated October 6, 1891.

Application filed May 20, 1891. Serial No. 393,384. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. HOGAN, of Jersey City, in the county of Hudson and State of New Jersey, 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 an efficient and economical device for fastening a bow to the pendant of a watch-case with the usual freedom of swinging movement therein.

In carrying out my invention I employ rotatable tubular socket-pieces inserted in apertures in the pendant and held therein by means of flanges or collars, into which socket-pieces the ends of the bow are received and connected therewith by means of pins or any other convenient fastening. By this construction the ends of the bow are fastened to the socket-pieces, which are free to rotate in the apertures of the pendant, so as to permit the bow to swing freely, and are held against movement through the apertures by the flanges or collars.

In the drawings, Figure 1 is the front elevation of a portion of a watch-case and bow with the pendant, sockets, and bow ends in vertical section. Fig. 2 is a similar view illustrating a slight modification of the construction. Fig. 3 is a perspective view of one of the socket-pieces with the bow-end attached thereto. Fig. 4 is a horizontal sectional view on the line *x x* of Fig. 3.

A is the watch-case pendant provided upon diametrically-opposite sides with the apertures *a a*.

B is the watch-case bow.

C C are the socket-pieces received in the apertures *a a* and free to rotate therein, having their outer ends open to receive the ends of the bow and provided on their inner ends with collars or flanges *c c*, which project over the inner edge of the apertures *a a*, so as to prevent movement of the socket-pieces

through the apertures. To permit these collars or flanges to turn freely without binding upon the curved interior of the pendant A, they may be made beveled, as shown in Fig. 1, or the inner surface of the pendant may be countersunk adjacent to the apertures, as is shown in Figs. 3 and 4, to present a flat surface to the flanges or collars. The socket-pieces C C are inserted in the apertures *a a* from the interior of the pendant, and the ends *b b* of the bow B are then inserted in the open ends of the sockets and are fastened therein by means of pins D or in any other convenient manner.

I prefer the minor details of construction which have been shown; but they may be modified without departing from the invention.

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

1. A watch-bow fastener consisting of the pendant of a watch-case having apertures, rotatable sockets in said apertures having their outer ends open to receive the ends of the bow and provided on their inner ends with collars or flanges projecting on the interior of the pendant to prevent the sockets being drawn out through the apertures, and means, substantially as described, to lock the ends of the bow in the sockets.

2. The combination of a watch-case pendant having apertures, rotatable sockets located in said apertures, and a bow having its ends fastened in said rotatable sockets, so as to move therewith.

3. The combination of a watch-case pendant having apertures and having its interior countersunk about said apertures, rotatable sockets located in said apertures and provided with collars or flanges upon the interior of the pendant, and a bow having its ends fastened in said rotatable sockets.

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

JOHN J. HOGAN.

Witnesses:

S. P. MEEHAN,
W. V. O'CONNELL.