(No Model.)

H. PRICHARD.

Reel.

No. 235,017. Patented Nov. 30, 1880.

Fig. 1

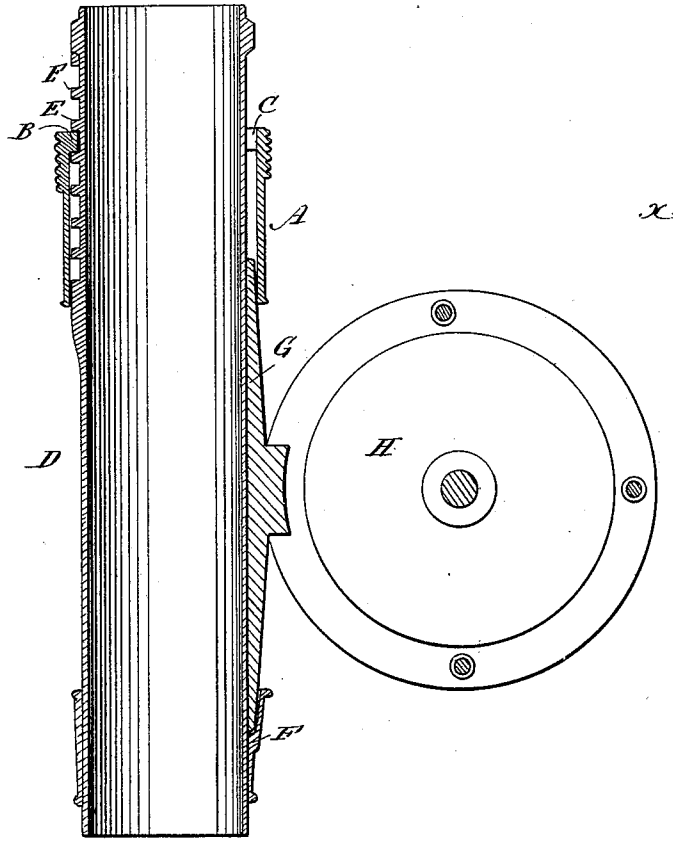


Fig. 2

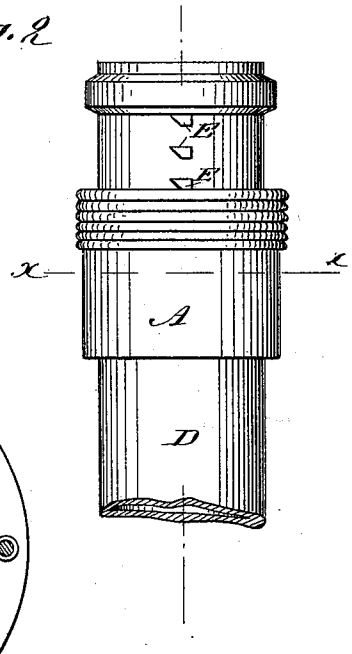


Fig. 3

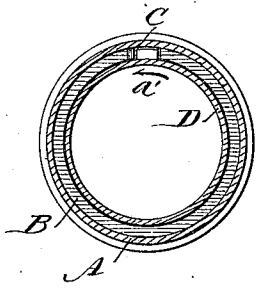
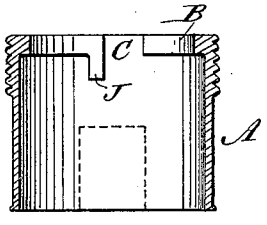


Fig. 4



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UNITED STATES PATENT OFFICE.

HENRY PRICHARD, OF NEW YORK, N. Y.

REEL.

SPECIFICATION forming part of Letters Patent No. 235,017, dated November 30, 1880.

Application filed March 29, 1880. (No model.)

To all whom it may concern:

Be it known that I, HENRY PRICHARD, of the city, county, and State of New York, have invented a new and Improved Reel-Lock for Fishing-Rods, of which the following is a specification.

The object of my invention is to provide a new and improved lock for holding reels to fishing-rods, which is simple in construction and effective and convenient in use.

The invention consists of a sleeve surrounding the fishing-rod, and is provided with a notched internal shoulder at its upper edge, which shoulder engages with one of a series of studs on the metal casing of the rod, whereby, if the said sleeve is passed down over the upper end of the plate or strip of metal to which the reel is attached, the lower end of which is passed into a suitable socket, the said plate can be firmly locked in the desired position by turning the sleeve.

In the accompanying drawings, Figure 1 is a vertical central cross-sectional elevation of the casing of a fishing-rod and of my locking device. Fig. 2 is a partial front elevation of the same. Fig. 3 is a horizontal sectional view of the same on line *x x*, Fig. 2, and Fig. 4 is a detail cross-sectional view of the sleeve provided with the notched internal shoulder.

Similar letters of reference indicate corresponding parts.

A sleeve, A, is provided with an internal shoulder, B, which has a notch, C. This sleeve A surrounds the casing D of a fishing-rod, and is of a greater diameter than the casing, the inner edge of the shoulder B fitting closely up to the surface of the said casing, which is provided with a series of studs, E, beveled on one side and arranged in a line parallel to the length of the casing. These studs E must be slightly smaller than the notch C, so that they can pass through the same.

The casing D is provided with a socket, F, at or near its lower end, for receiving the lower end of a plate or strip, G, of metal, to which the reel H is fastened.

A stud, J, is provided on the inner side of the sleeve A at one side of the notch C, and forming a downward-projecting continuation of shoulder B.

The operation is as follows: The sleeve A is turned until the notch C faces the row of studs E E, and is then pushed to the top of casing D, the studs E E passing through the notch C. One end of the plate G to which the reel H is attached is passed into the socket F and the plate G, the inner side of which is curved on the same radius as the outer side of the casing, and the outer side of which is slightly beveled from both ends to the center, is placed snugly against said casing, and then the sleeve A is lowered until the plate G is clamped and held tightly between the casing D and sleeve A. Then the sleeve A is turned from right to left, (in the plan view,) as indicated by the arrow *a'*, so that the shoulder fits into the space between two studs, E E, and cannot move upward until it is turned into a position so that the studs E can pass through the notch C.

To prevent the sleeve A from being turned around more than once, whereby the lock may be opened, a stud, J, is provided on the inner side of the sleeve A, which also prevents the sleeve from being turned in two directions.

The casing D, plates G, and reels in use at present can be used with my improvement, and do not require to be changed except soldering or otherwise fastening the studs E E on the casing. The reel is firmly locked to the casing, and cannot be thrown off by sudden jars or shocks.

Preferably the sleeve A is provided with a recess, (indicated by dotted lines in Fig. 4,) so that if the plates G have considerable length their upper ends need only to be placed in the recess, and then are covered and held by the sleeve when the same is rotated.

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

1. The shouldered sleeve A, provided with the notch C, and the stud J, in combination with the casing D, provided with the studs E, substantially as and for the purpose set forth.

2. The combination, with the casing D, provided with a series of studs, E, and a socket, F, of the reel-plate G and the sleeve A, provided with a notched internal shoulder, B, substantially as herein shown and described, and for the purpose set forth.

Witnesses: HENRY PRICHARD.
OSCAR F. GUNZ,
C. SEDGWICK.