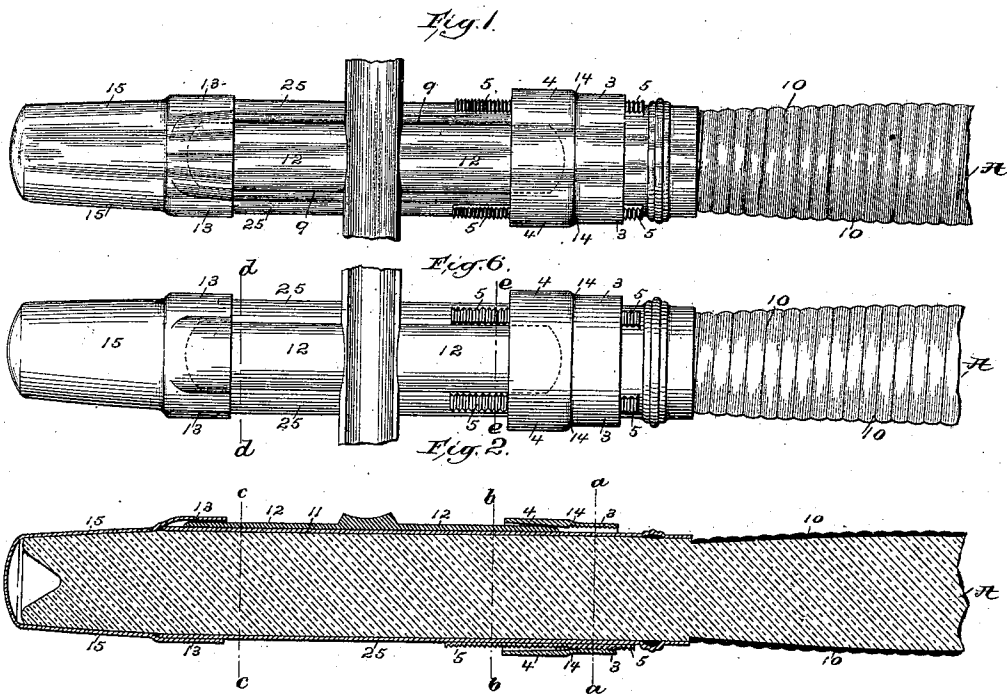


(No Model.)

J. M. KING.
REEL SEAT AND BAND.

No. 333,135.

Patented Dec. 29, 1885.



UNITED STATES PATENT OFFICE.

JOHN M. KING, OF NEW YORK, N. Y.

REEL SEAT AND BAND.

SPECIFICATION forming part of Letters Patent No. 333,135, dated December 29, 1885

Application filed April 6, 1885. Serial No. 161,384. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. KING, a citizen of the United States, residing at New York, county of New York, and State of New York, have invented certain new and useful Improvements in Reel Seats and Bands, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

10 This invention relates to the reel seat and fastening-band with which fishing-rods are usually provided. These seats and bands are usually constructed in one or the other of two ways. In rods of the better grades the reel-

15 seat is usually formed upon a metal ferrule or socket of considerable length, into which the butt of the rod is inserted and fastened, this socket being provided with two reel-bands, one of which is stationary and arranged so

20 that one end of the fastening-plate of the reel can be inserted between it and the seat, while the other band is loose and arranged to be slid along the seat and forced over the other end of the fastening-plate of the reel, it being held

25 in this position by its friction against the seat and the fastening-plate. In rods of the cheaper grades the reel-seat is usually formed directly upon the butt of the rod, the butt being provided with two reel-bands, one of which is

30 stationary and the other movable, and which operate to hold the reel in the same manner as already stated. In neither of these constructions is there provided any means for positively holding the movable band in position

35 after it has been forced onto the end of the fastening-plate of the reel, and consequently it frequently happens that in handling the rod the movable band becomes loosened, so as to slip off the end of the fastening-plate and

40 thus allow the reel to fall from its seat, and this is often a source of great annoyance. It has also been found that when friction is depended upon to hold the movable band in place it will often be forced onto the fasten-

45 ing-plate of the reel so tightly that it will stick or bind, and great trouble will be experienced in starting it from that position when it is desired to remove the reel from the rod. In some cases these objections have been partially overcome by providing the movable

50 band with a rib, which, when the band was turned, engaged with a projection upon the

ferrule or socket, and thus formed a fastening for the band similar to an ordinary bayonet-joint. This construction was not desirable, 55 however, because the band could only be fastened at certain points, and was therefore liable to be either too loose or too tight.

It is the object of the present invention to obviate all of these objections, and to provide 60 a means by which the movable reel-band will be held positively in any position to which it may be desirable to adjust it, thereby removing all liability of the band becoming loosened by the handling of the rod, so as to allow 65 the reel to fall from its seat, and also all necessity for forcing the band so tightly onto the fastening-plate that it will be liable to bind or stick in that position.

In the accompanying drawings, Figure 1 is a 70 plan view of the butt of a fishing-rod provided with a reel-seat of an ordinary construction, the fastening-band being constructed according to the present invention. Fig. 2 is a central longitudinal section of the same. Figs. 75 3, 4, and 5 are cross-sections taken, respectively, upon the lines *a a*, *b b*, and *c c* of Fig. 2. Fig. 6 is a view similar to Fig. 1, showing the reel-seat formed in a different manner; and Figs. 7 and 8 are cross-sections taken, respectively, upon the lines *d d* and *e e* of Fig. 6. 80

Referring particularly to Figs. 1 to 5, inclusive, it is to be understood that A represents the butt of an ordinary fishing-rod, the part which is to be grasped by the user being 85 wound with cane in the usual manner, as shown at 10, while the end is incased in the usual socket, 25. This socket is provided upon one side with the usual seat, 11, for the fastening plate or bar 12 of the reel, and with 90 the usual stationary and movable reel-bands, 13 14. The seat 11 is formed by the two ribs or projections 9, which are struck up from the metal of which the socket is composed, and between which the fastening-plate 12 rests, 95 so as to be prevented from shifting its position. The stationary band 13, as shown in the present case, is made integral with a cap, 15, which covers the extreme end of the rod and forms part of the socket 25. This is not, how- 100 ever, material, as the band 13 may be entirely separate from the socket 25, if preferred. The movable band 14, instead of being straight and arranged to slide freely back and forth

along the socket 25, as in the common forms, is provided with a spread or enlarged portion, 4, to receive the end of the fastening-plate 12, and with a smaller or contracted portion, 3, which is screw-threaded upon its interior and engages with correspondingly-threaded portions 5 upon the socket 25.

The operation of fastening the reel to and detaching it from the rod is as follows: When the reel is to be fastened to the rod, the band 14 will be turned until it has been moved along the threaded portions 5 far enough to permit the fastening bar or plate 12 to be inserted under the band 13 and brought down onto the seat 11. The band 14 will then be turned in a reverse direction until the enlarged portion 4 has been forced snugly over the end of the plate 12, so as to hold the plate firmly in its seat and the reel securely attached to the rod. To remove the reel, the operation is simply reversed. By means of this construction the movable band 14 is always held positively in whatever position it is adjusted to, so that all danger of its becoming displaced in the handling of the rod, so as to permit the reel to fall from the seat, is avoided. At the same time all necessity for forcing the band very tightly onto the end of the fastening-plate 12 is avoided, and consequently no trouble is occasioned from the binding or sticking of the reel-band.

Although it is preferable that the threaded portions 5 should be slightly raised, as shown in the present case, yet this is not necessary, and these threaded portions may also be of greater or less extent with regard to the circumference of the socket.

Although the invention is herein shown as applied to a rod in which the reel-seat is formed upon a metal socket into which the butt of the rod is inserted, yet it is to be understood that the invention is equally applicable to those

rods in which the reel-seat is formed upon the rod itself. In such case the threaded portions 5 will be formed either upon plates secured to the rod or upon a ferrule surrounding the rod. When the threaded portions 5 are raised from the socket 25, as shown in the present case, the ribs or projections 9 may be dispensed with. This construction is illustrated in Figs. 6, 7, and 8, in which the fastening-plate 12 is made to fit between the raised threaded portions 5, so that said portions form lateral supports for the fastening-plate and prevent it from shifting its position. By reason of this arrangement the construction of the seat is considerably simplified.

What I claim is—

1. The combination, with the movable reel-band 14, screw-threaded upon its interior, of the rod provided with a threaded portion to engage with the threads of the band, substantially as described.

2. The combination, with the rod provided with the raised screw-threaded portions 5, of the movable band 14, screw-threaded upon its interior, substantially as described.

3. The combination, with the rod provided with the raised threaded portions 5, arranged to form lateral supports for the fastening-plate 12, of the movable band 14, screw-threaded upon its interior, substantially as described.

4. The combination, with the rod having a screw-threaded portion, of the movable band 14, having the enlarged portion 4 and the contracted portion 3, screw-threaded upon its interior, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses:

JOHN M. KING.

Witnesses:

T. H. PALMER,
JAMES A. HOVEY.