(Model.)

S. M. BOONE.

REEL SEAT FOR FISHING RODS.

No. 441,126. Patented Nov. 25, 1890.

Fig. 1.

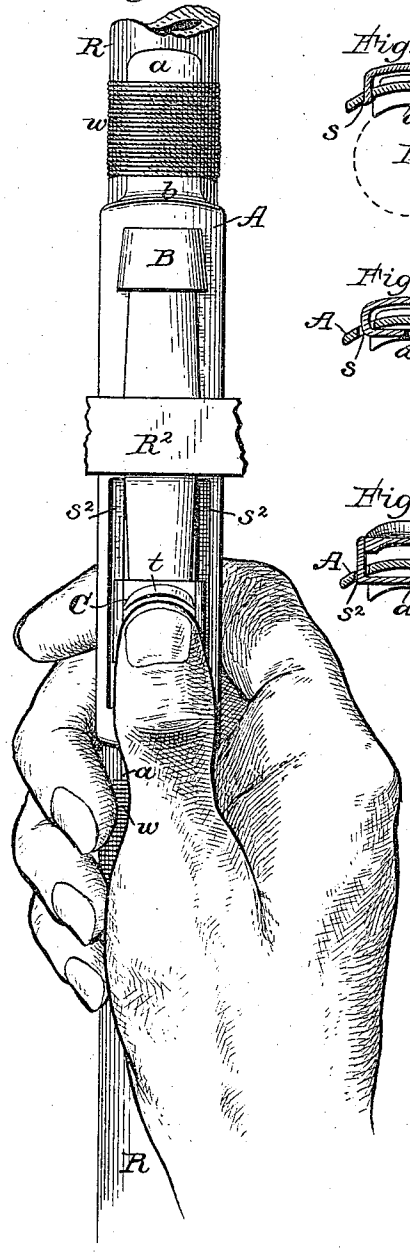


Fig. 2.

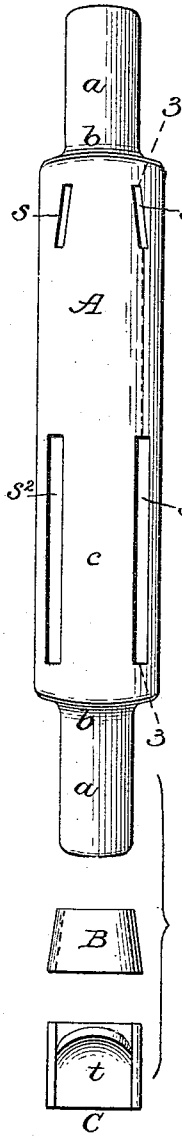


Fig. 2ˣ.

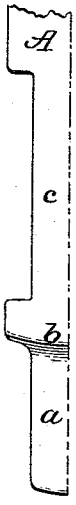


Fig. 3.

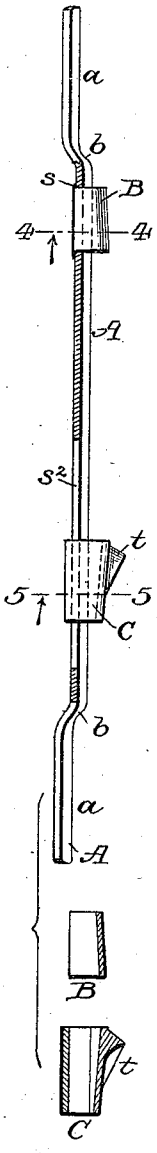


Fig. 4.

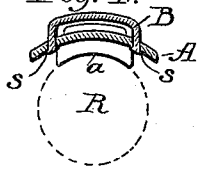
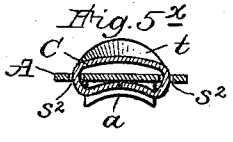


Fig. 4ˣ.

Fig. 5.

Fig. 5ˣ.



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UNITED STATES PATENT OFFICE.

SAMUEL M. BOONE, OF SOMERSET, KENTUCKY.

REEL-SEAT FOR FISHING-RODS.

SPECIFICATION forming part of Letters Patent No. 441,126, dated November 25, 1890.

Application filed December 23, 1889. Serial No. 334,779. (Model.)

To all whom it may concern:

Be it known that I, SAMUEL M. BOONE, a citizen of the United States, and a resident of Somerset, in the State of Kentucky, have invented a new and useful Improvement in Reel-Seats for Fishing-Rods, of which the following is a specification.

This invention relates to reel-seats and the fastenings thereto belonging which are adapted to be attached to the rod by the fisherman, and to be shifted on the rod or transferred from one rod to another at will; and the invention consists in certain novel combinations of peculiarly-constructed parts, as hereinafter set forth and claimed.

The distinguishing objects of this invention are, first, to readily and securely attach the reel to the seat by means of a single fastening-slide under the direct control of the thumb of the hand that holds the rod, so that such slide may be readily held up to its work by hand while the line is running out, or instantaneously tightened if it works loose, without relaxing the grasp of the rod and without the aid of mechanical accessories, which are liable to get out of order when a fish is on the line, and, secondly, to combine with relatively narrow fastenings snugly fitted to the ends of the customary reel-plate a reel-seat proper for attachment to the top of the rod having an elevated main portion as wide as may be required and unbroken lateral edges for increased stiffness against bending in toward the rod.

A sheet of drawings accompanies this specification as part thereof.

Figure 1 of these drawings represents a top view of a portion of the butt-end of a fishing-rod in use provided with my improved reel-seat. Fig. 2 represents plan views of the reel-seat proper and its fixed and movable fastenings separated. Fig. 3 represents an edge view of the complete reel-seat with its seat proper in section on the line 3 3, Fig. 2, and with appended longitudinal sections of said fixed and movable fastenings. Fig. 4 represents a cross-section on the line 4 4, Fig. 3. Fig. 5 represents a cross-section on the line 5 5, Fig. 3; and Figs. $2^{\times}$, $4^{\times}$, and $5^{\times}$ represent a fragmentary plan view and cross-sections corresponding with Figs. 2, 4, and 5, respectively, except as they show modifications of the invention.

Like letters refer to corresponding parts in the several figures.

The improved reel-seat as a whole is composed in all cases of a metallic seat-piece or seat proper A, adapted to be attached to the top of an ordinary fishing-rod of any kind (represented at R, Fig. 1) and to solidly support a superposed reel-plate R^2, Fig. 1, forming the base of an ordinary reel of any make, a fixed socket-forming fastening B, attached to the seat proper near its tip end or upper end, and a socket-forming movable fastening, hereinafter termed the "fastening-slide" C, attached to and movable lengthwise on the seat proper near its lower or butt end, such fastening-slide being provided on top with a thumb-rest *t*, so that the fisherman may manipulate the same by means of the thumb of one hand, as represented in Fig. 1, and may consequently hold the slide to its work or retighten it should it become loose without relaxing his grasp of the rod, as aforesaid.

The reel-seat proper in each of its forms has at both ends long feet *a*, conformed to the circumferential curve of a small rod and embraced, in use, by the customary wrappings *w*, Fig. 1. Short bends *b* connect said feet with the main portion of the seat, which is thus elevated enough to clear that portion of the fastening-slide C which is beneath it, so that the latter may move freely back and forth.

It is desirable that the elevation of the seat shall be as little as possible and at the same time that the space beneath it be kept clear. In order to preserve such space without undue elevation or weight of metal, and at the same time to employ narrow fastenings confined internally to the width of the ends of the reel-plate, so that the latter shall be kept straight with reference to the longitudinal axis of the rod, I preferably make said main portion of the reel-seat A with a pair of short oblique slots *s* near its upper or tip end and with a pair of longitudinal slots s^2, parallel with each other near its butt-end, so that it may be of sufficient width and have unbroken and consequently stiff lateral edges to prevent bending it inward against the rod. The slotted main portion of the seat may be

curved transversely to conform it somewhat to the circumferential contour of the rod, as shown in cross-section in Figs. 4, 4×, and 5, or it may be perfectly flat, as shown in Fig. 5×. In either case a suitable surface is opposed to the concave bottom of the customary reel-plate R^2.

The fixed fastening B may be held rigidly in said short slots *s*, as by soldering, as represented in Fig. 4, or may have a limited freedom of movement therein, as represented in Fig. 4×. It is only essential that it should form a central and relatively fixed socket for the tip end of the reel-plate R^2.

The fastening-slide C embraces the central longitudinal portion *c*, formed by the longer longtiudinal slots s^2 in the reel-seat A, as above described, to a sufficient extent to strongly attach it to the reel-seat, while it is free to slide backward and forward to a sufficient extent to engage with or be disengaged from the butt-end of the reel-plate R^2. It is in all cases provided on top with a suitable thumb-rest *t*, as above described, and, in common with said fixed fastening B, its interior forms a socket fitted as to greatest width and preferably conformed at top to the rounded and tapered top of the reel-plate end with which it is to coact, so as to be in contact therewith throughout its length. Otherwise it may be of any approved construction.

In connection with my said fastening-slide C, having a thumb-rest, the seat proper A may be cut away at its edges to form said central longitudinal portion *c*, embraced by said slide, and other like modifications will suggest themselves to those skilled in the art.

Details which have not been specified may be of any approved description.

Having thus described the said improvement, I claim as my invention and desire to patent under this specification—

1. The fastening-slide fitted internally at top to the tapering butt-end of an ordinary reel-plate and constructed with a thumb-rest on top, in combination with a reel-seat proper having feet at its ends adapted to be wrapped to the top of a fishing-rod and a relatively elevated main portion comprising a central longitudinal portion that is embraced by said slide and a fixed fastening fitted internally to the tip end of such reel-plate and attached to said seat proper near the tip end of the latter, substantially as hereinbefore specified.

2. In combination with a fixed fastening and a fastening-slide fitted as to width to an ordinary reel-plate, a relatively wide seat proper to which said fastening and slide are attached having its main portion elevated relatively to feet at its ends by short bends, and provided with longitudinal slots parallel with each other, forming a central longitudinal portion that is embraced by said slide, substantially as hereinbefore specified.

SAMUEL M. BOONE.

Witnesses:
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A. M. GIRDLER.