No. 835,557. PATENTED NOV. 13, 1906.

L. B. ROSS.

FISHING REEL.

APPLICATION FILED MAY 31, 1906.

Fig. 1.

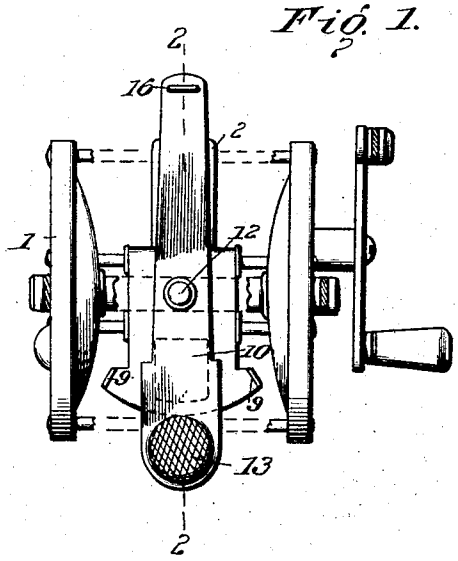


Fig. 2.

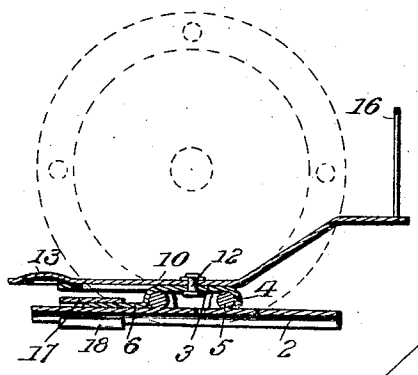
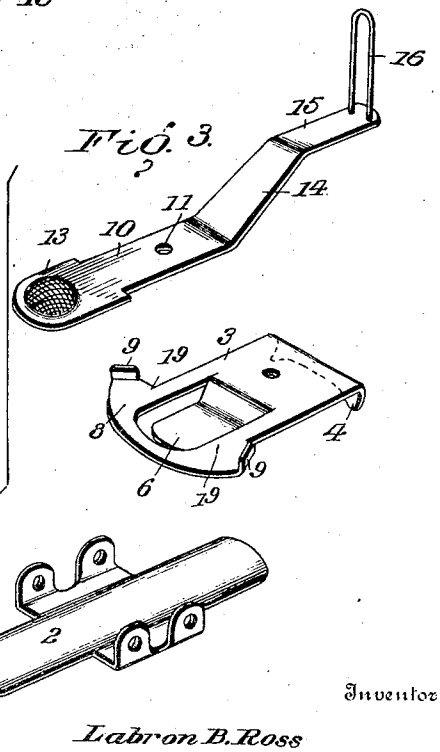


Fig. 3.



Witnesses

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FISHING-REEL.

No. 835,557. Specification of Letters Patent. Patented Nov. 13, 1906.

Application filed May 31, 1906. Serial No. 319,500.

To all whom it may concern:

Be it known that I, LABRON B. ROSS, a citizen of the United States of America, and a resident of Logansport, in the county of Cass and State of Indiana, have invented certain new and useful Improvements in Fishing-Reels, of which the following is a specification.

This invention relates to certain new and useful improvements in fishing-reels; and it has for its objects among others to provide a simple attachment readily applicable to any and all forms of fishing-reels now in use, the object being primarily to obviate the necessity of changing the position of the hand upon the rod while winding up the line.

By my improvement the rod may be held by a firm grip of the hand back of the reel, which position of the hand makes it more convenient to handle the rod with one hand in any desired position and at the same time to wind up the line uniformly upon the reel instead of holding the rod with the hand in front of the reel and guiding and laying the line with the thumb and finger, as heretofore, which position of the hand makes it very inconvenient to hold the rod while winding up the line.

Another object of the invention is to provide a guiding and laying device for the line which shall be simple, capable of manufacture at minimum cost, quickly and easily applied to or removed from the reel, and yet strong and durable and most efficient in use.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the appended claims.

The invention in its preferred form is clearly illustrated in the accompanying drawings, which, with the numerals of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a view of a reel provided with my improvement. Fig. 2 is a substantially central section through the same, as on the line 2 2 of Fig. 1. Fig. 3 shows in perspective the parts constituting my improvement dissembled and showing also the reel-support with which the same is directly associated.

Like numerals of reference indicate like parts throughout the several views.

Referring to the drawings, 1 designates a fishing-reel of any well-known or approved form of construction, a description of which is not necessary.

2 designates the plate or bar by which the reel is attached to the rod.

3 is a base piece or plate having at one end a depending flange or lug 4, designed to engage under one of the transverse rods 5 of the reel, and at its other end formed with the depending tongue 6, adapted to rest upon the bar 2, being shaped to conform to the curvature thereof, as seen best in Fig. 2. This tongue is stamped from the plate 3, being joined to the body portion thereof by the inclined portion 7, so as to make it more or less springy. This end of the plate 3 is broadened or widened, as shown at 8, and is formed with the upturned lugs 9 9, which serve to limit the movement of the lever soon to be described.

10 is the lever. Its main or flat portion has an opening 11 for the reception of a rivet or other suitable means 12, which secures it to the plate 3 pivotally, so as to allow free pivotal movement of the lever. One end of this lever is formed with a thumb portion 13, which may be roughened, as seen in Figs. 1 and 3, while the portion of the lever upon the other side of its pivot is inclined upwardly, as seen at 14, and thence extended horizontally, as seen at 15, which portion is provided near its free end with the guide-eye 16, as shown, and through which the line is designed to pass.

The plate 3 may be secured to the bar 2 in any suitable manner, as by screws, rivets, or otherwise. In this instance I have shown a removable clamp 17, curved to conform to the curvature of the bar 2 and having inturned flanges 18 upon its under side to engage the side edges of the bar 2. The attachment is thus secured in position quickly and detachably. The base-plate 3 is placed in position with its flange 4 engaging the cross-bar 5 and its depending tongue 6 resting upon the bar 2. The clamp 17 is then slid lengthwise over the end of the bar 2 and over the tongue 6, as seen in Fig. 2, and the device is firmly held in position. The striking out of the tongue leaves the portion 19 of the plate 3 sufficiently springy to provide all the yield that is necessary in applying pressure to the thumb-piece 13 to avoid any liability of breakage of the parts.

The mode of use will be apparent. The

lever is pivoted to the base at such point as to deliver a given throw of motion to the guide end thereof, which carries the line and places the latter upon the spool. Motion to the lever is given by the thumb placed upon the thumb-piece 13 thereof, and the line being passed through the guide-eye 16, the to-and-fro movement of the lever upon its pivot lays the same evenly on the reel. The limit of movement of the lever, and consequently of the throw of the line, is effected by the stop-lugs 9 of the plate 3.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages. For instance, the means of fastening the lever to the base may be varied, as by means of rivet or screw either in front or behind the thumb-button, and the length of the throw may be determined in any suitable manner, as by employing other forms of stops—as, for instance, screws placed in the base or by other analogous means.

What is claimed as new is—

1. A fishing-reel provided with a pivotally-mounted member carrying a line-guide, and a hooked tongued plate on which said member is mounted.

2. In a fishing-reel, a detachably-mounted line-guiding device, and a hooked member carrying said guiding device and having a spring-tongue.

3. In a fishing-reel, a detachably-mounted pivoted lever carrying a line-guide, and a support for said lever, with friction-holding means coöperating with said support and with means on the reel.

4. In a fishing-reel, a base-plate having stop-lugs, means for attaching said plate to a reel, and a lever pivoted on said base-plate and having a line-guide.

5. In a fishing-reel, a base-plate having depending flange to engage a cross-bar of the reel and a tongue, a lever mounted pivotally on said base-plate, and means coöperating with said tongue to secure the base-plate to the reel.

6. In a fishing-reel, a base-plate having a depending flange at one end to engage a cross-bar of the reel, a resilient portion at the other with a tongue stamped therefrom and depressed into a lower plane, a lever pivotally mounted on the base-plate and having a line-guide, and means coöperating with said tongue for securing the base-plate to the reel.

7. In a fishing-reel, a base-plate having a depending flange at one end to engage a cross-bar of the reel, a resilient portion at the other with a tongue stamped therefrom and depressed into a lower plane, a lever pivotally mounted on the base-plate and having a line-guide, and means coöperating with said tongue for securing the base-plate to the reel, said resilient portion having upturned lugs between which said lever is movable.

8. A fishing-reel attachment comprising a base-plate having a depending flange and a resilient tongue for attachment to the reel, and a lever pivotally mounted on said base-plate and having at one end a line-guide.

Signed by me at Logansport, Indiana, this 28th day of May, 1906.

LABRON B. ROSS.

Witnesses:
GEO. W. WATTERS,
ELIZABETH HOMBURG.