No. 731,226. PATENTED JUNE 16, 1903.

E. D. ROCKWELL.

FISH LINE REEL.

APPLICATION FILED APR. 15, 1903.

NO MODEL.

Fig. 1.

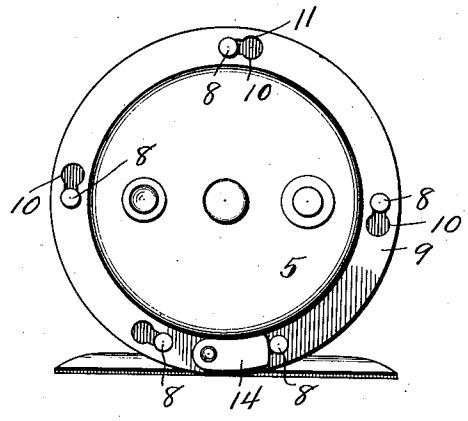


Fig. 2.

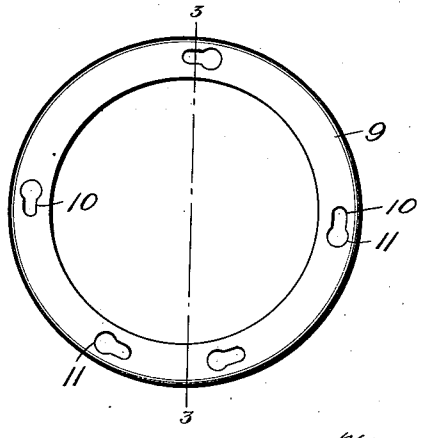


Fig. 3.

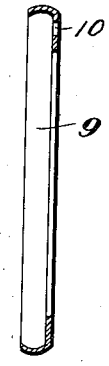
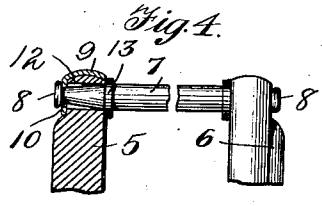


Fig. 4.



Witnesses:

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Inventor:

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By his Attorney:

Frank G. Campbell.

No. 731,226. Patented June 16, 1903.

UNITED STATES PATENT OFFICE.

EDWARD D. ROCKWELL, OF BRISTOL, CONNECTICUT, ASSIGNOR TO THE LIBERTY BELL COMPANY, OF BRISTOL, CONNECTICUT, A CORPORATION OF CONNECTICUT.

FISH-LINE REEL.

SPECIFICATION forming part of Letters Patent No. 731,226, dated June 16, 1903.

Application filed April 15, 1903. Serial No. 152,650. (No model.)

To all whom it may concern:

Be it known that I, EDWARD D. ROCKWELL, a citizen of the United States, residing at Bristol, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Fish-Line Reels, of which the following is a specification.

My invention relates to fish-line reels, and has for its object the provision of improved means for locking the side plates of the reel together, whereby said reel may be readily assembled or taken apart when desired.

Further objects and advantages of the invention will be set forth in the detailed description which now follows.

In the accompanying drawings, Figure 1 is an elevation of a fish-line reel with the invention applied thereto. Fig. 2 is an elevation of a locking-ring. Fig. 3 is a vertical section upon line 3 3 of Fig. 2; and Fig. 4 is a view of a portion of the side plates of the reel, one of said side plates being in section to clearly illustrate the manner in which the locking-ring engages the headed ends of the cross-bars.

Like numerals designate similar parts throughout the several views.

Referring to the drawings, the numerals 5 and 6 designate the side plates of a fish-line reel, and 7 the cross-bars commonly employed for connecting said side plates. These cross-bars 7 are headed at 8, as illustrated in Figs. 1 and 4.

Spun or otherwise loosely secured upon side plate 5 is a locking-ring 9, having keyhole-slots 10 formed therein. When it is desired to secure the side plates together, the locking-ring is moved upon side plate 5 until the large portions 11 of slots 10 register with perforations 12, formed in said side plate, after which the ends of rods 7 are inserted in said perforations until a collar 13 of said rods limits their further movement. Locking-ring 9 is now turned to cause the walls of the narrow portions of slots 10 to engage the headed ends of rods 7 to thereby lock the structure together, after which a latch 14 is swung into the position illustrated in Fig. 1 to prevent accidental movement of the locking-ring.

From the foregoing description it will be seen that simple and efficient means have been provided for accomplishing the object sought, and by means of the construction described a neat and highly ornamental reel may be produced.

The invention is not limited to the exact forms shown in the drawings, for changes may be made in the details thereof without departure from the invention.

Having described my invention, what I claim is—

1. The combination, with a frame having side plates, one of which is provided with openings, of rods projecting from one side plate and having extremities passing through the openings of the other side plate, a locking-ring provided with keyhole-slots movable upon one of the side plates, and means for securing said locking-ring against displacement.

2. The combination, with a frame having a side plate and rods projecting from said side plate, said rods having headed extremities, of a removable side plate having perforations to receive the ends of the rods, a locking-ring movable in an arcuate path upon said removable side plate, said locking-ring having keyhole-slots, and a latch carried by the locking-plate and adapted to engage one of the rods.

3. A fish-line reel comprising a frame having a side plate, a series of rods projecting from said side plate, said rods having headed ends, a removable side plate having a series of perforations for receiving the ends of the rods, a movable locking-ring having keyhole-slots, said ring being spun upon the removable side plate, and a pivoted latch carried by said locking-ring.

4. A fish-line reel comprising a frame having a side plate, a series of rods projecting from said side plate, a removable side plate mounted upon the ends of said rods, a movable locking-ring mounted upon said removable side plate, and means whereby said locking-ring may engage the rods to prevent the displacement of the removable side plate.

5. A fish-line reel comprising a frame having a side plate, a series of rods projecting from said side plate, a removable side plate

mounted upon the ends of said rods, a movable locking-ring mounted upon said removable side plate, means whereby said locking-ring may engage the rods to prevent the displacement of the removable side plate, and means for securing said locking-ring against displacement.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD D. ROCKWELL.

Witnesses:
EDSON M. PECK,
MILES LEWIS PECK.