

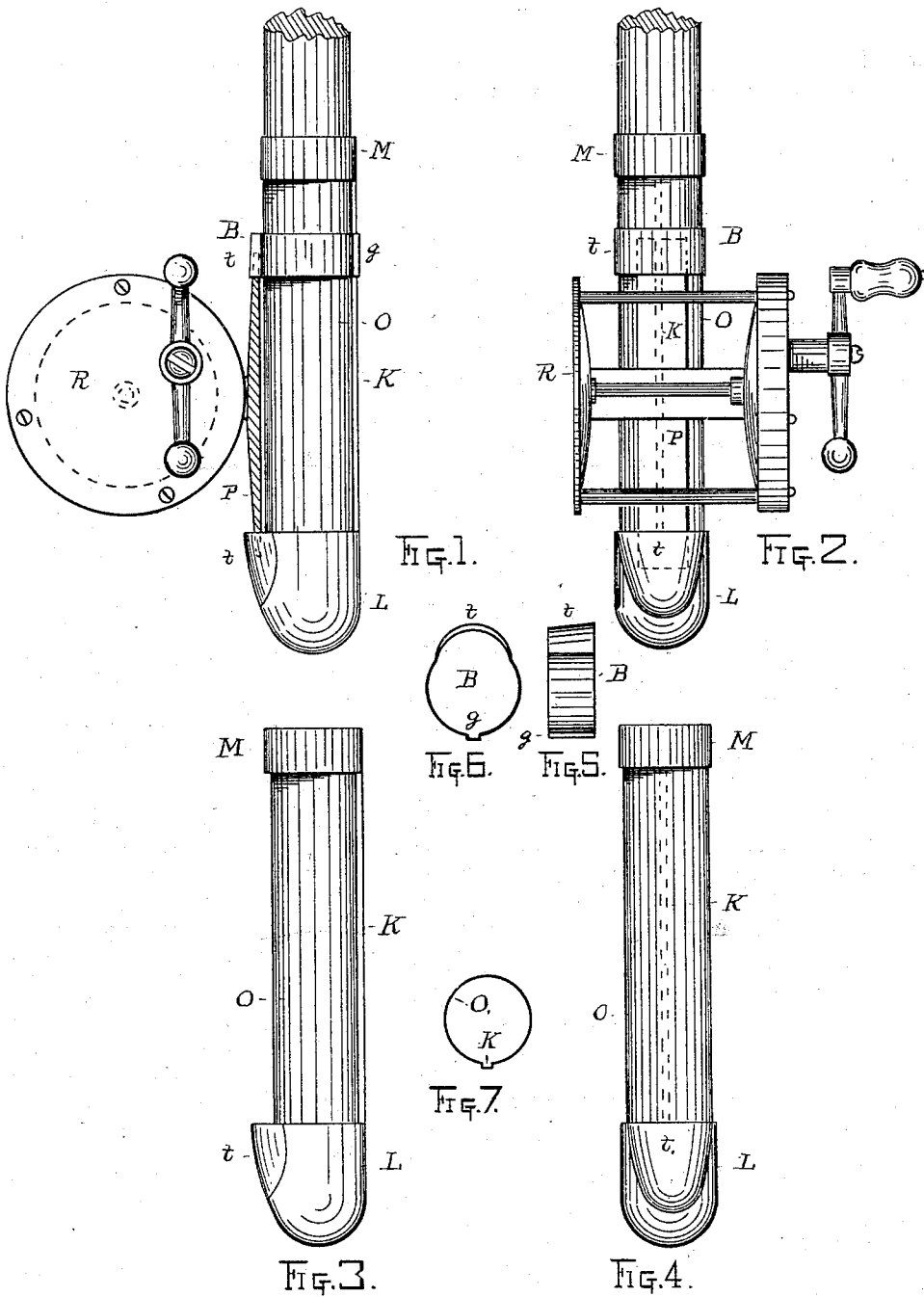
(No Model.)

F. D. DIVINE.

REEL HOLDER AND FASTENING FOR FISHING RODS.

No. 331,380.

Patented Dec. 1, 1885.



WITNESSES:

*Reneport Bartow*  
*William Champlin*

INVENTOR.

*Fred D. Divine*

# UNITED STATES PATENT OFFICE.

FREDERICK D. DIVINE, OF UTICA, NEW YORK, ASSIGNOR OF ONE-HALF TO  
WALTER D. EDMONDS, OF NEW YORK, N. Y.

## REEL-HOLDER AND FASTENING FOR FISHING-RODS.

SPECIFICATION forming part of Letters Patent No. 331,380, dated December 1, 1885.

Application filed May 22, 1885. Serial No. 166,343. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK D. DIVINE, residing at the city of Utica, county of Oneida, and State of New York, have invented a new and useful Improvement in Reel-Holders and Reel-Fastenings for Fishing-Rods, of which the following is an exact, full, and true description, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective side view of my improved holder and fastening, showing the reel attached. Fig. 2 is a perspective front view of same. Fig. 3 is a perspective side view of same without the slide ring or reel. Fig. 4 is a front view of same as Fig. 3. Fig. 5 is a perspective side view of the slide-ring, and Fig. 6 a sectional view of slide-ring; and Fig. 7 is a sectional view of the reel-holder, taken through Fig. 4.

Similar letters in the said figures indicate similar parts.

My invention relates to apparatus for supporting and holding reels in proper place for use as such upon fishing-rods; and the object of my invention is to provide a cheap, strong, simple, and easily manipulated and adjusted apparatus for so holding and supporting the reel, and which shall be adapted to so hold and secure without change any ordinary size of reel or reel-plate.

I attain the objects desired by means of my said invention, the method in which I prefer to apply the same practically being shown in said drawings.

Out of any material possessing sufficient rigidity, strength, and durability, preferably metal—such as brass, for instance—I construct, of suitable diameter to apply to the fishing-rod, a cylinder, O, the thickness of the sides of which must, of course, be sufficient to impart the required amount of rigidity and strength. On one side of this cylinder I raise or attach rigidly, in any well-known mechanical way, a projecting rib or strip of metal, K K, extending uniformly along the length of the cylinder, as shown in the drawings. The cylinder O is then fastened to the rod in the usual well-known manner, and its attachment to the rod may, if preferred, be strengthened by the addition of the well-known stop-ring M. (Shown in the drawings.) I next fit to and

draw over the cylinder a slide-ring, B, constructed preferably of metal, though any other material might be employed possessing sufficient rigidity to enable the ring to retain its integrity of shape under the strains to which it may be exposed. Said slide-ring B should be of such diameter as to embrace closely the cylinder O, and at the same time to admit of its being slipped or pushed readily by the hand up and down the cylinder. On the inside of said slide-ring a groove, G, must be constructed in any well-known way, of such size and shape as to engage with and closely fit the rib K, and at the same time slide up and down the latter with comparative freedom. Opposite the said groove I construct in said ring B a raised lip or bulge, F, which, as is readily seen by reference to the figures, provides by its combination with the underlying surface of the cylinder a socket for the reception of one end of the reel-plate P. This lip or bulge *t* in the ring B should be so shaped as to be largest at its exterior surface at the lower edge of the ring, and there large enough to pass over the end of the heaviest reel-plate when applied thereto, and should thence diminish in size, tapering gradually toward its opposite extremity, whereby a socket is produced for the reel-plate P, and which will fit or grasp the latter, whatever may be its size. To the bottom of the cylinder O, I next adjust and fix permanently in the usual way a butt-cap, L, on one side of which, and directly opposite to that on slide-ring B, should be constructed another bulge or projecting lip, *t*, in all respects similar to the bulge or projecting lip already described as being upon said slide-ring, and whereby another socket is provided for the end of the reel-plate P opposite to that which is embraced by the slide-ring lip.

The operation of my apparatus is apparent. One end of the reel-plate P being firmly set into the socket formed between the raised lip *t* on the butt-cap and the underlying surface of cylinder O, the slide-ring B is slipped down along cylinder upon the opposite end of the reel-plate until the latter is tightly fitted into, and thus held in place by the pressure thereon of the inner sides of the raised lip or bulge *t* on said slide-ring and the underlying surface of the cylinder O. The parts of my apparatus

being thus applied to the reel-plate with some degree of force, the friction of the parts upon themselves and upon the reel-plate is sufficient to keep the same securely in place for all practical purposes desired in the sport of fishing. To release the reel, it is only necessary to force back and away from it the slide-ring B and draw the end of the reel-plate out of the butt-cap socket *t*.

The successful operation of my apparatus, as described, is principally due to the combined action of the raised rib K and its engaging slide-ring B, by means of which the slide-ring is prevented from rotating upon the cylinder O, and confined to a sliding movement up and down the cylinder, whereby the two sockets for the reception and engagement of the opposite ends of the reel-plate are always kept in line with each other and in their exactly proper position relatively to each other for operating upon and securing the reel-plate.

It must be obvious that any possibility of rotation on the part of the slide-ring would at once result in the leverage between the parts which would soon unseat the reel-plate and reel. Such rotation and leverage are wholly prevented by the raised rib K and its corresponding engaging groove on the slide-ring B, and I am thus enabled to dispense with a sunken reel-plate seat in the reel-holder or cylinder O, whereby my reel-holder and apparatus become applicable without further change to all sizes of reel-plates.

I do not, of course, wish to be understood as limiting the use of my invention to the use of the raised rib K and its engaging slide-ring B, in combination with a metal reel-holder, as it is apparent that the same might be successfully employed upon and fitted to the wood of the rod; and it is also apparent that without departing from my invention the relative position of the rib and the groove on slide-ring which fits and slides up and down the rib might be reversed and a rib raised on the inner side of the slide-ring, which should slide up and down a groove cut or sunk to fit the same on the cylinder, and also that several ribs with engaging grooves might be applied instead of one rib and groove, as shown in the drawings.

I do not claim a sliding ring having a raised or tapering receptacle for the end of the reel-plate, nor a metal reel-seat, nor a pair of tapering sockets adapted to receive the opposite ends of the reel-plate, and thus fit ends of any size, for all these are already in use or have been sufficiently suggested to deprive me of the right of claiming the same as my invention; but I have invented, as I believe, the only practically operative way of utilizing such tapering sockets upon the plain cylindrical surface of a rod or metal reel-holder which is not indicated by a sunken seat for the reel-plate or other rigid appliances for keeping the reel-plate in a fixed position parallel with the rod; and

What I therefore claim as new, and desire to secure by Letters Patent, is—

1. In combination with a fishing-rod or reel-plate holder, a rigid rib or projection extending longitudinally in the direction of the rod's length, a ring grooved on one side to fit said rib and adapted to slide up and down said rib, and the section of rod or holder on which the rib is raised, and having on the other side a raised lip or bulge adapted to overlap and press upon one end of the reel-plate, and a socket on the other end of the holder formed by a similar raised lip or bulge, substantially as and for the purposes set forth.

2. The combination, with a fishing-rod or reel-plate holder, of a raised rib, K, slide-ring B, having a groove, *g*, and a socket, *t*, a corresponding socket, *t*, at the other end of the holder, and a reel-plate, P, having a reel attached, all for the purpose of holding the reel in position, substantially as described.

3. The combination, with a fishing-rod or reel-plate holder, of the raised rib K, the slide-ring B, having a groove, *g*, the overlapping lips *t t*, and a reel-plate, P, and reel R, all for the purpose of holding the reel in position, substantially as described.

In witness whereof I have hereunto subscribed my name this 13th day of May, 1885.

FREDERICK D. DIVINE.

Witnesses:

WM. TRAVERS JEROME,  
WM. COTTER DICK.