

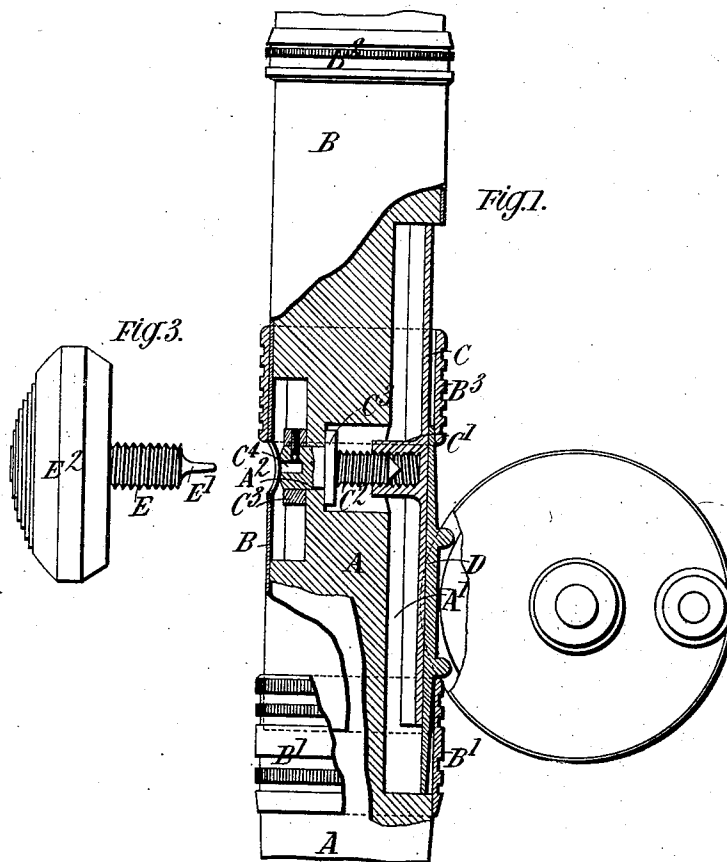
(No Model.)

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O. S. RUDDOCK.
WINCH FITTING FOR FISHING RODS.

No. 506,607.

Patented Oct. 10, 1893.



Witness:
G. W. Rea.
J. A. Saul.

Inventor;
Oliver S. Ruddock
By James L. Norris.
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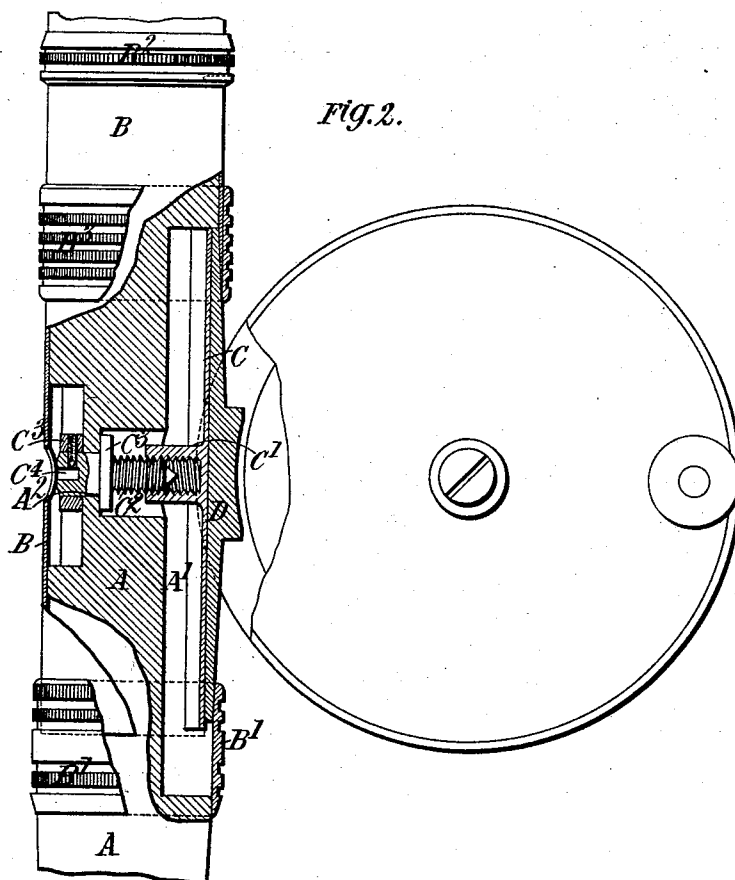
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UNITED STATES PATENT OFFICE.

OLIVER SCHOFIELD RUDDOCK, OF LONDON, ENGLAND.

WINCH-FITTING FOR FISHING-RODS.

SPECIFICATION forming part of Letters Patent No. 506,607, dated October 10, 1893.

Application filed June 26, 1893. Serial No. 478,848. (No model.)

To all whom it may concern:

Be it known that I, OLIVER SCHOFIELD RUDDOCK, manager of manufactory, a subject of the Queen of Great Britain, and a resident of Clapham, London, England, have invented an Improved Winch-Fitting for Fishing-Rods, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improved winch fitting for fishing rods and has for its object to provide means by which winches or reels of very different sizes can be quickly and firmly attached to the rod.

Winches have hitherto been attached to rods by means of rings which are adapted to slide up and down on the rod and engage with an extension or base piece secured to or forming part of the winch thus securing the same to the rod. This method of attachment is open to serious objections because the extensions or base pieces of winches vary considerably in size and thus the sliding rings cannot clamp winches of different sizes to the same rod with equal firmness and security.

According to my invention I form in the handle part of the rod at the place where the winch is usually secured a recess of a shape and size suitable to admit the base piece of the largest winch which may be required to be attached. I provide a plate which may be moved in and out of the recess by the operation of a screw or by other suitable means. The handle part of the rod is preferably covered by a metal tube slotted to afford access to the recess above mentioned. The said tube may partly cover the recess at either end, a ring being provided to slide up and down so as to cover or partly cover the slot in the tube when necessary. If as is sometimes the case the slot in the tube is of the same size as the recess in the rod, two rings are furnished one of which may be fixed so as to partly cover the slot in the tube or both may be made to slide up and down.

In the accompanying drawings, Figure 1 is a view partly sectional of a small winch attached to a fishing rod by means of my improved winch fitting. Fig. 2 is a view of the same rod with a large winch attached thereto. Fig. 3 is a detail view hereinafter more fully described.

Similar letters of reference denote similar parts in all the drawings.

Referring to Figs. 1 and 2 A is the handle part of the rod having a recess A' formed therein.

B is a metal tube partly covering the handle A and provided with a slot corresponding to the recess A'.

C is a metal plate adapted to be moved in and out of the recess by means hereinafter more fully described; and D is the base piece of the winch or reel.

The metal tube B is finished off by collars B', B², at each end and a ring B³ is provided which can slide up and down thereon. The collar B' partly covers the recess A' in the handle of the rod. The plate C is provided with a stud C' at the back having a female screw formed therein and a male screw C² which can be rotated in a hole A² in the wood part of the rod engages with the stud C'. The screw C² is furnished with collars C³ which do not admit of its axial movement. Hence when the said screw is turned the stud C' and plate C move in and out of the recess. The screw C³ is provided with a saw cut C⁴ which is opposite an orifice in the tube B so that the screw can be turned from the outside. I provide a small screw-driver as shown in Fig. 3 for the purpose of rotating the screw C⁴. The said screw-driver consists of a screw E adapted to be screwed in the end of the rod and having a flat screw-driver portion E' attached thereto. The handle E² of the screw-driver forms an appropriate finish for the butt of the rod.

In securing a winch to a rod by means of my improved winch fitting, the extension or base piece D of the winch is placed in the recess A' in the rod, so that one end of said base piece D lies under the fixed ring B' which covers one end of the said recess, after which the ring B³ is slipped along the rod so as to engage the other end of the base piece. The screw C² is then operated to move the plate C out of the recess so as to force the base piece of the winch against the rings B', B³ with which it is in engagement. I prefer that the plate C should loosely fit the recess but I sometimes use instead of a plate a nut which can be moved in and out by the operation of a screw in a manner well understood,

so as to tighten up the base piece of a winch against the clamping rings.

My improved fitting is inexpensive and can be easily attached to a rod the appearance of which will not differ very greatly from that of a rod furnished with the fittings heretofore in vogue.

What I claim is—

1. The combination with a fishing rod having a recess near its butt, of a ring sliding on the butt so as to partly cover the recess therein, a movable plate applied against the base piece of the winch, and means for moving said plate in the recess, substantially as and for the purpose specified.

2. The combination with a fishing rod having a recess near its butt, of a tube secured on the butt and provided with an orifice opposite the recess in the same, a ring sliding on said tube so as to partly cover the orifice therein, a movable plate applied against the base piece of the winch, and means for moving said plate in the recess provided in the rod, substantially as and for the purpose specified.

3. The combination with a fishing rod having a recess near its butt, of a ring sliding on the butt, so as to partly cover the recess therein, a movable plate furnished with a projecting part in which a female screw is cut, and a screw rotatable in a bearing provided in the

rod and engaging the female screw on the back of the movable plate, for the purpose specified.

4. The combination with a fishing rod having a recess near its butt, of a tube secured on the butt and provided with an orifice opposite the recess in the same, a ring sliding on said tube so as to partly cover the orifice therein, a movable plate furnished with a projecting part at the back in which a female screw is cut, and a screw rotating in a bearing provided in the rod and engaging the female screw on the back of the movable plate, for the purpose specified.

5. The combination with a fishing rod having a recess near its butt, of a tube secured on the butt and provided with an orifice opposite the recess in the same, a ring sliding on said tube, a fixed ring partly covering the end of the orifice in said tube, a movable plate applied against the base piece of the winch, and means for moving said plate in the recess provided in the rod, substantially as and for the purpose specified.

In witness whereof I have hereunto set my hand this 7th day of June, 1893.

OLIVER SCHOFIELD RUDDOCK.

Witnesses:

F. W. HALL,
W. M. HARRIS.