(No Model.)

G. L. BAILEY.

REEL FASTENING FOR FISHING RODS.

No. 294,429. Patented Mar. 4, 1884.

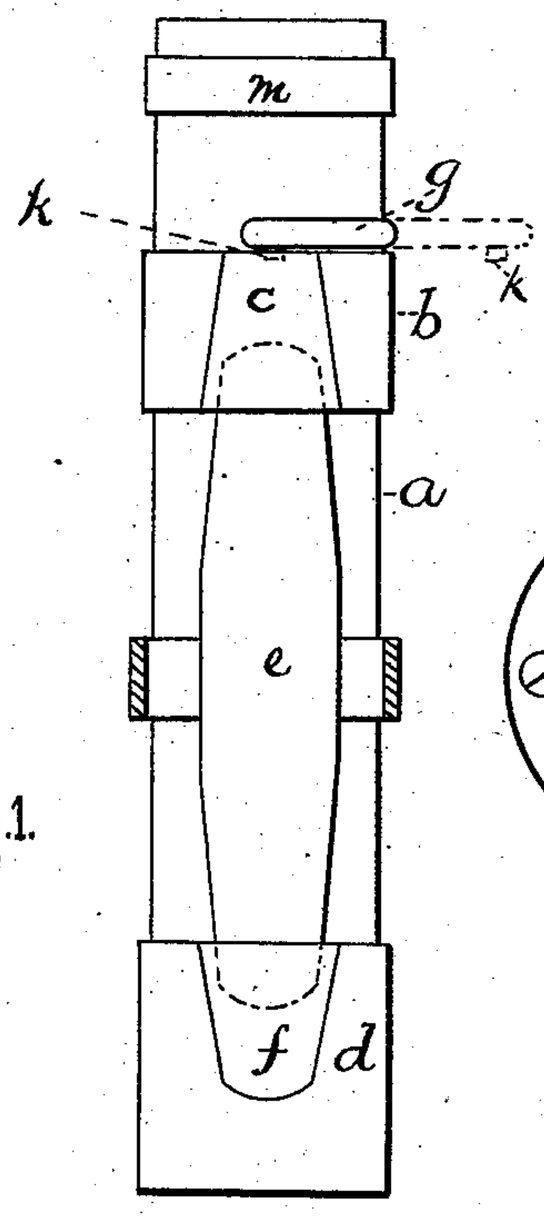

Fig. 1.

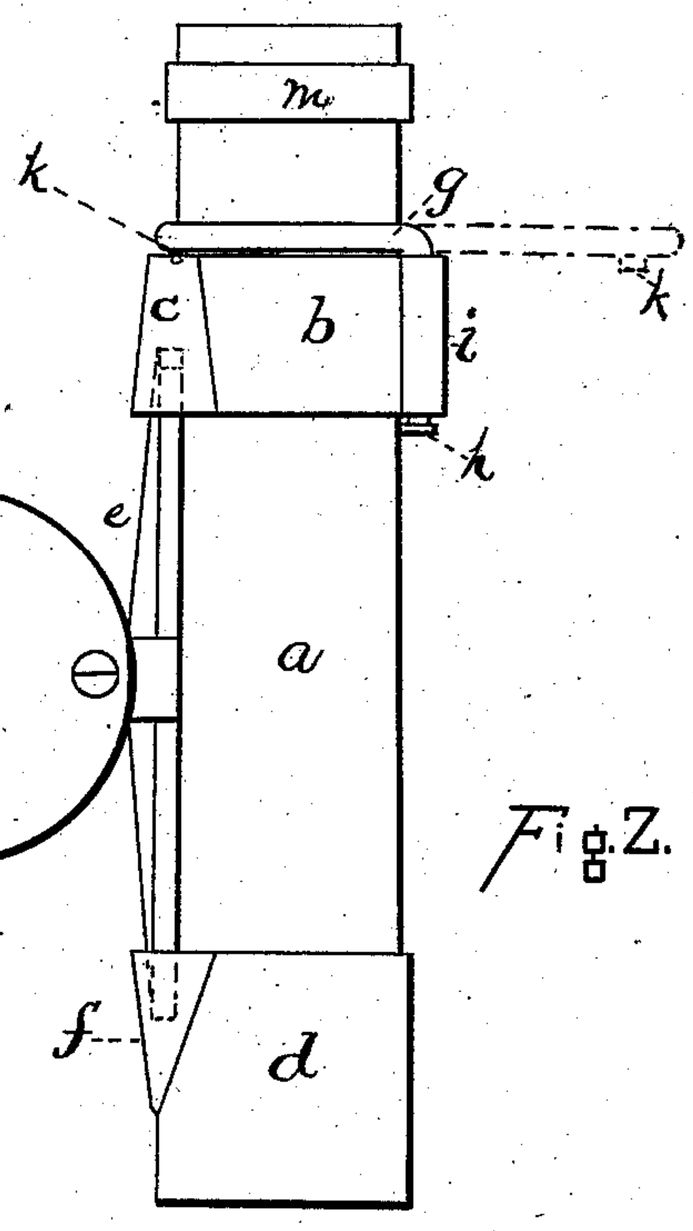

Fig. 2.

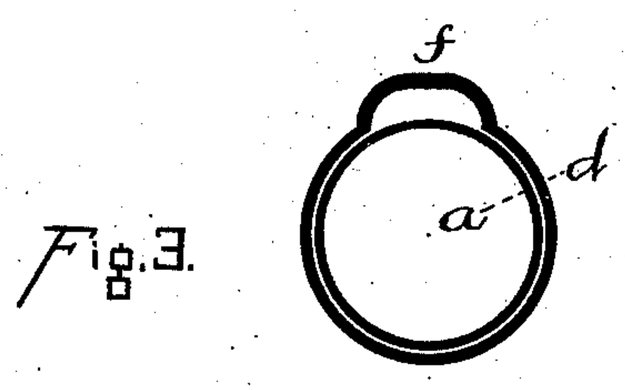

Fig. 3.

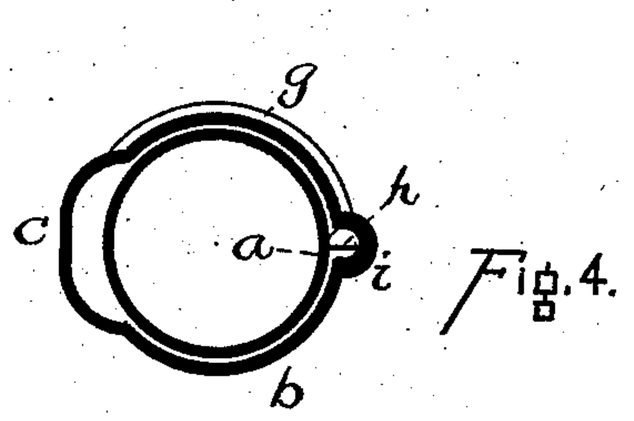

Fig. 4.

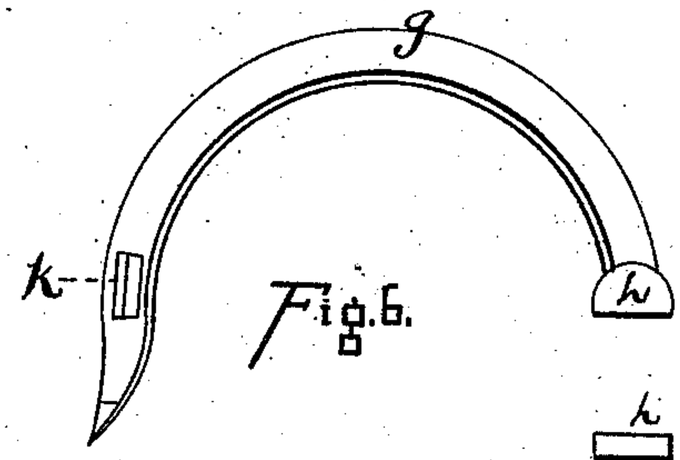

Fig. 6.

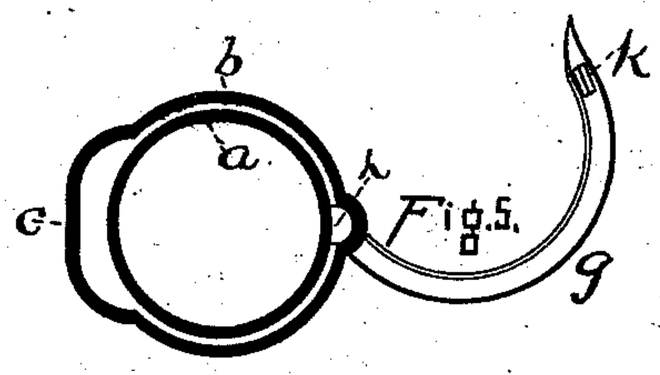

Fig. 5.

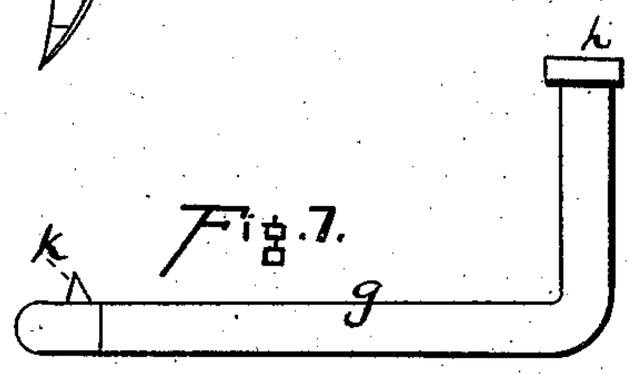

Fig. 7.

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UNITED STATES PATENT OFFICE.

GILBERT L. BAILEY, OF PORTLAND, MAINE.

REEL-FASTENING FOR FISHING-RODS.

SPECIFICATION forming part of Letters Patent No. 294,429, dated March 4, 1884.

Application filed October 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, GILBERT L. BAILEY, a citizen of the United States, residing at Portland, in the county of Cumberland and State of Maine, have invented a new and useful Improvement in Reel-Fastenings for Fishing-Rods, of which the following is a specification.

My invention relates to improvements in the manner of fastening reels to fishing-rods; and the objects of my improvements are, first, to provide a means of fastening the loose reel-band in any desired position, and, in connection therewith, second, to provide a loose reel-band, which, when fastened upon, will hold reel-plates of different thicknesses and widths upon a reel-seat having a plain surface without the intervention of the usual fins or ribs. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a top view, and Fig. 2 a side view, showing the parts in position; Fig. 3, a detail of band at butt of cylinder or tube; Figs. 4 and 5, details of sliding band, and Figs. 6 and 7 details of lever, by means of which the band is fastened.

Similar letters refer to like parts.

My reel-fastening, as a whole, in one form, is composed of a plain metal tube or hollow cylinder, *a*, of a size to fit over the butt of a fishing-rod, a metal band, *d*, having a raised receptacle, *f*, on one side for one end of a reel-plate, *e*, and fitted over and made fast to tube *a* at its lower end, or the end next the butt of the rod, or to the butt of a rod, metal band *b* having a raised portion, *c*, for the reception of the other end of reel-plate *e*, and made to slide easily over the upper end of tube *a*. The receptacle on band *b* may extend the entire width of same, and the narrow end utilized as hereinafter explained, being on both bands made tapering to receive reel-plates of different widths. The space between the raised portions of these bands constitutes the reel-seat. On the side of band *b* opposite to the plate-receptacle a groove, *i*, is struck from the inside its whole width. In this groove the short arm of lever *g* has its bearing. This part of said lever is made half-round, just filling the groove, the flat portion in contact with tube *a* when unfastened, thus forming an eccentric or cam, as shown at *h*, Fig. 5. The long arm of lever *g* is bent to a right angle with its bearing, and also to conform to the shape of tube *a*, and partially encircles it close to the upper end of band *b* when fastened. A lip, *k*, on one side of said lever springs under the open end of receptacle *c* when fastened. This lip is useful as an additional security; but under ordinary circumstances the pressure on the cam caused by the elasticity of band *b* will hold the lever in place. A narrow band, *m*, is fastened at the upper end of tube *a*, or to the rod in that vicinity, which prevents the loose band from sliding too far in that direction. Its operation is as follows: Lever *g* being opened or unfastened, one end of the reel-plate is placed in receptacle *f*, and that on band *b* placed firmly over the other end of said plate, and lever *g* brought into position, as shown in Figs. 1, 2, and 4, whereby, through the action of cam *h*, band *b* is drawn firmly down upon the reel-plate, the round part of said cam acting against the inside of groove *i* and the surface of tube *a*. I do not wish to confine myself to the use of tube *a*, as my invention is especially applicable to any fishing-rod without the use of a metal reel-seat; but when so applied a metal bearing for the part of the cam next the rod would be advisable.

I do not claim a metal reel-seat, nor a band having a raised receptacle for a reel-plate and fastened to the lower end of a fishing-rod, as these are already in use; but,

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a reel-fastening for a fishing-rod, a loose or sliding band having a raised receptacle for one end of a reel-plate on one portion of its surface, and a groove struck from the inside on an opposite portion, in combination with a cam working in said groove, having a lever attached, and adapted to fasten said band over said reel-plate, and a metal reel-seat adapted to surround the butt of a fishing-rod, and having a raised receptacle for the other end of said reel-plate, fixed thereto, substantially as and for the purpose herein set forth.

2. In a reel-fastening for a fishing-rod, a loose or sliding band having a raised receptacle for one end of a reel-plate on one portion of its surface, and a groove struck from the inside of an opposite portion, in combination with a cam working in said groove, having a

lever attached, and adapted to fasten said band over said reel-plate, and with the butt of a fishing-rod, having a raised receptacle for the other end of said reel-plate, fixed thereto, substantially as and for the purpose herein set forth.

3. In a reel-fastening for fishing-rods, a loose or sliding band having a raised tapering receptacle for one end of a reel-plate, and a groove struck from the inside, in combination with a cam to work in said groove, having a lever attached adapted to tighten said band upon and release it from said reel-plate, substantially as and for the purpose herein described.

4. In a reel-fastening for fishing-rods, a loose or sliding band having a groove struck from the inside for the reception of, and in combination with a cam to work in said groove, having a lever attached adapted to tighten said band upon and release it from a reel-plate, substantially as and for the purpose herein described.

5. The combination of sliding band *b*, with its raised portions *c* and *i*, lever *g*, with its cam *h*, and tube *a*, provided with receptacle *f*, substantially as herein described.

GILBERT L. BAILEY.

Witnesses:
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