(Model.)

J. WEBB.

LOCK JOINT FOR FISHING RODS.

No. 303,474. Patented Aug. 12, 1884.

Fig. 1

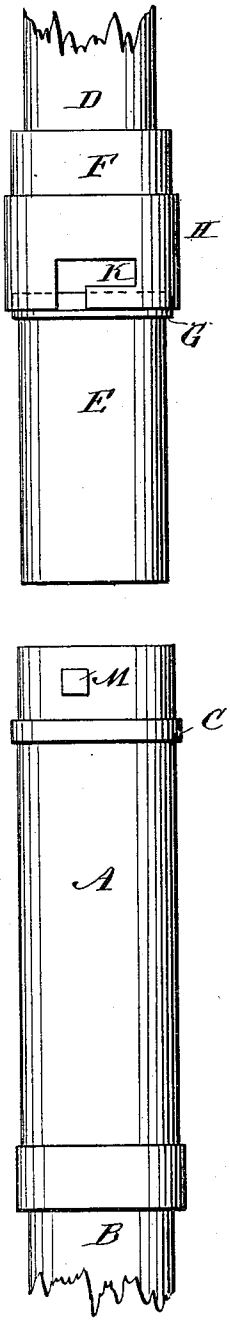


Fig. 2

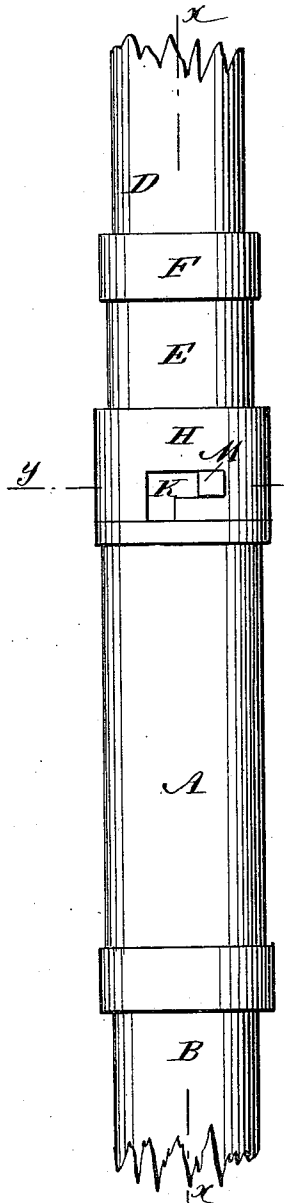


Fig. 3

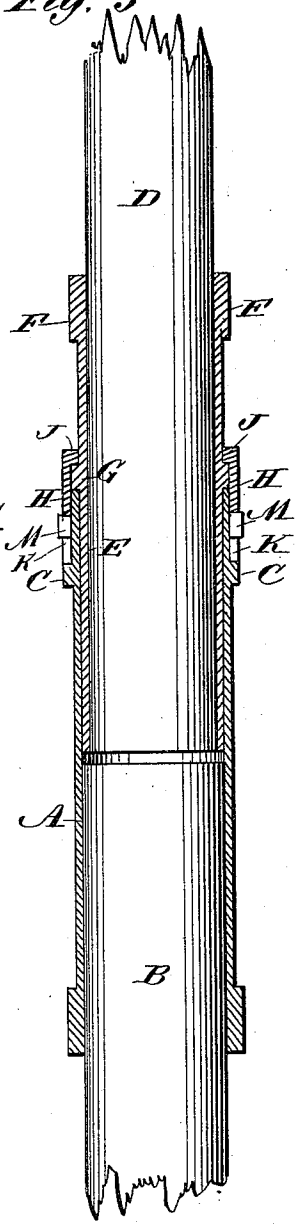
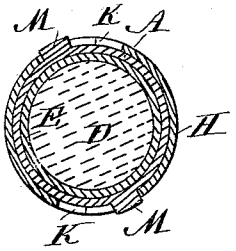


Fig. 4.



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UNITED STATES PATENT OFFICE.

JUSTICE WEBB, OF GEORGETOWN, KENTUCKY, ASSIGNOR TO HIMSELF, JOHN E. WELLING, AND JAMES E. CANTRIL, ALL OF SAME PLACE.

LOCK-JOINT FOR FISHING-RODS.

SPECIFICATION forming part of Letters Patent No. 303,474, dated August 12, 1884.

Application filed April 5, 1884. (Model.)

To all whom it may concern:

Be it known that I, JUSTICE WEBB, of Georgetown, county of Scott, Kentucky, have invented a new and Improved Lock-Joint for Fishing-Rods, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved lock-joint for holding together the sections of a fishing-rod securely and firmly.

The invention consists in the combination, with a sleeve provided with an annular ridge or collar and two studs, of an additional sleeve fitting on the front end, carrying a sliding sleeve provided with two L-shaped slots for receiving the stud on the other sleeve.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal elevation of my improved lock-joint for fishing-rods, showing the parts detached. Fig. 2 is a like view showing the parts united. Fig. 3 is a longitudinal sectional elevation of the same on the line *x x*, Fig. 2; and Fig. 4 is a sectional plan view on the line *y y*, Fig. 2.

A sleeve, A, is secured to a rod-section, B, in such a manner that the sleeve projects beyond the end of the rod. The sleeve A is provided with an annular external ridge, C, a short distance from its free end. On the end of the rod-section D a sleeve, E, is secured, the end of the sleeve being flush with the end of the rod, and the said sleeve E fitting closely within the sleeve A. The sleeve E is provided at its inner end with an annular external ridge, F, and at about one-third of the length of the sleeve from the ridge F an annular external ridge, G, is formed on the sleeve E. A sleeve, H, having such a diameter that it can fit closely on the outer surface of the sleeve A, is mounted loosely on the sleeve E, and is provided at one end with an inwardly-projecting annular flange, J, the inner edge of which fits closely on the sleeve E, the said flange being adapted to slide on the sleeve E between the ridges or collars F and G. The sleeve H is provided with two L-shaped slots, K, extending up from the bottom edge, or edge opposite the edge provided with the flange. Two teeth or studs, M, project from the outer surface of the sleeve A a short distance above the ridge C.

To unite the rod-sections the sleeve E is passed into the sleeve A, and then the sleeve H is pressed down on the ridge or collar C to cause the studs M to pass into the longitudinal parts of the slots K. The sleeve H is then turned on its longitudinal axis to cause the studs M to pass to the ends of the transverse parts of the slots K. The sleeve H is thus held on the sleeve A, and as the flange J of the sleeve H rests on the annular ridge or collar G of the sleeve E it holds the said sleeve E and the rod-section to which it is fastened in place. Either one or two L-shaped slots K can be formed in the sleeve H.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a lock-joint for fishing-rods, the combination, with the sleeve A, provided with a locking-stud, of the sleeve E, constructed to fit within the sleeve A, and a collar, H, held to slide and rotate on said sleeve E, and formed with an L-shaped slot for engaging the locking-stud on the other sleeve, substantially as set forth.

2. In a lock-joint for fishing-rods, the combination, with the sleeve A, provided near one end with the collar or annular ridge C and the studs M between the end of the sleeve and the said collar, of the sleeve E, fitting in the sleeve A and provided with the annular ridge or collar G, and of the sliding sleeve H, having an inwardly-projecting flange, J, above the collar G, and also having two L-shaped slots, K, extending upward from the free edge of the said sleeve H, substantially as herein shown and described.

JUSTICE WEBB.

Witnesses:
M. B. SMITH,
A. G. BRADLEY.