(No Model.)

W. MITCHELL.

FISHING ROD.

No. 270,460. Patented Jan. 9, 1883.

Fig: 1

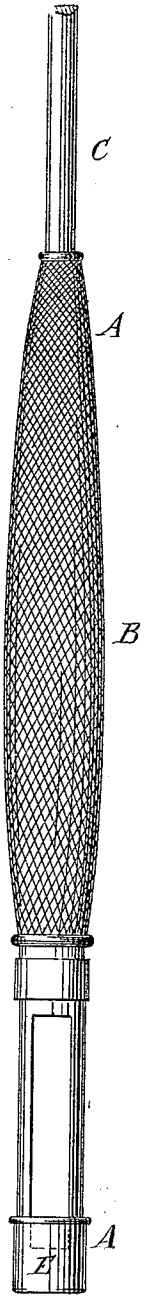
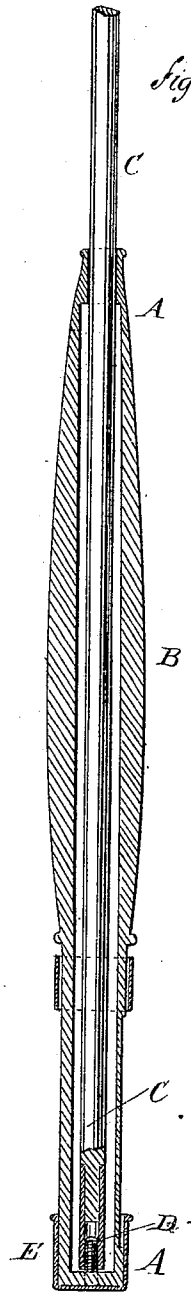


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM MITCHELL, OF NEW YORK, N. Y.

FISHING-ROD.

SPECIFICATION forming part of Letters Patent No. 270,460, dated January 9, 1883.

Application filed June 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MITCHELL, of the city, county, and State of New York, have invented a new and Improved Fishing-Rod, of which the following is a full, clear, and exact description.

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

Figure 1 is a side elevation of a part of a fishing-rod to which my improvement has been applied. Fig. 2 is a sectional side elevation of the same.

The object of this invention is to obtain a uniform strain and spring in fishing-rods throughout their entire length.

A represents the butt of a fishing-rod, B is the grip, and C is the rod. The grip B forms a part of the butt A, and the rod C passes in through the upper end of the butt A, and has a screw-hole in its end, or in a cap or ferrule attached to its end, to screw upon a screw, D, secured to the butt-cap E. The interior of the butt A is made so much larger than the rod C that the said rod will be free to bend from end to end, so that the strain and spring of the rod will be uniform throughout its entire length, the rod C coming in contact with the butt A only at its ends. The aperture through the forward end of the butt A is made to fit the rod C, so as to hold the said rod steady.

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

The combination of the cap E, having a central screw on the inside, a hollow handle, B, having a central hole in the butt, and the fishing-rod C, having an end open tubular cap working on said screw, as shown and described.

WILLIAM MITCHELL.

Witnesses:

JAMES T. GRAHAM,

C. SEDGWICK.