

No. 848,243.

PATENTED MAR. 26, 1907.

E. HOLZMANN.
FISHING ROD.
APPLICATION FILED MAR. 16, 1906.

Fig. 1

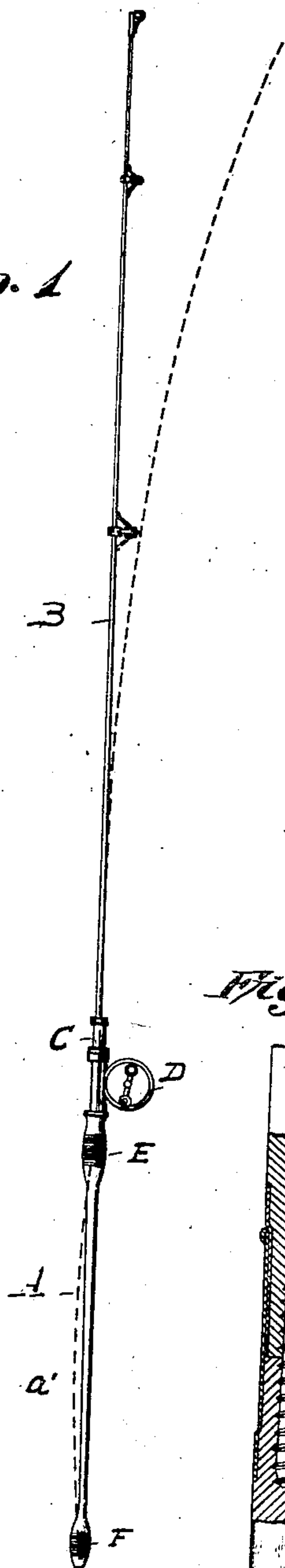


Fig. 2

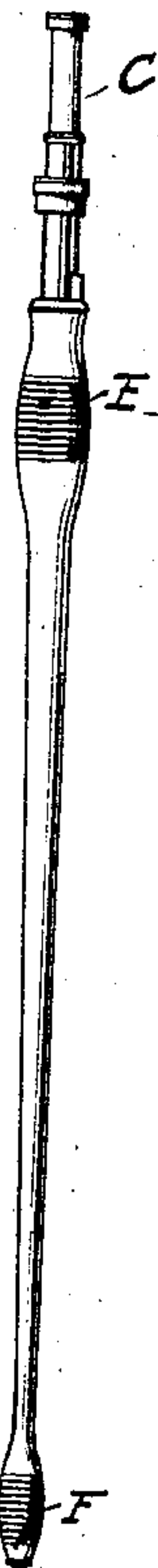


Fig. 3

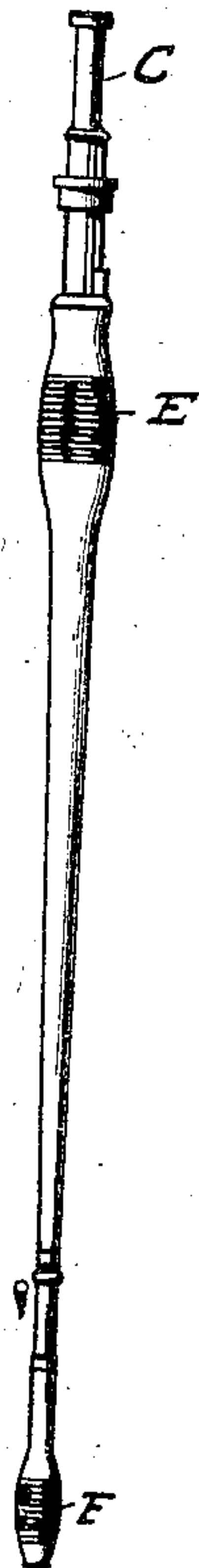
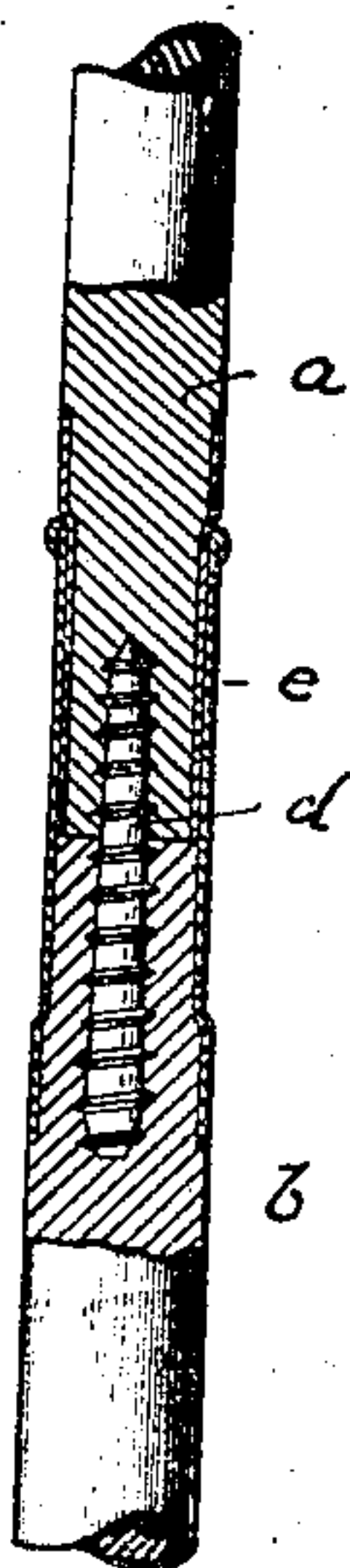


Fig. 4



Attest:

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UNITED STATES PATENT OFFICE.

ERNEST HOLZMANN, OF NEW YORK, N. Y.

FISHING-ROD.

No. 848,243.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed March 16, 1906. Serial No. 306,358.

To all whom it may concern:

Be it known that I, ERNEST HOLZMANN, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Fishing-Rods, of which the following is a specification.

This invention relates to improvements in fishing-rods, and especially to that class of fishing-rods which are used for casting, especially for casting in surf fishing.

The object of my invention is to provide a new and improved fishing-rod which has great elasticity in the butt and the guides of which can readily be adjusted to the various sides of the pole in case the pole has been bent in one direction by continued use.

In the accompanying drawings, in which like letters of reference indicate like parts in all the figures, Figure 1 is a side view of my improved fishing-pole. Fig. 2 is a detail side view of the butt. Fig. 3 is a side view of another construction of the butt. Fig. 4 is a sectional detail view of the same.

My improved fishing-pole is composed of the butt A and the pole proper, B, the pole proper being detachable from the butt, which latter is provided at its upper end with a socket C for receiving the lower end of the pole. A reel D of any suitable construction is secured in the conventional manner to the upper end of the butt directly below the socket C. In order to give the butt great elasticity, which is very essential in casting, the butt is provided near its upper end with a hand-grip part E, which is of such diameter that it can be conveniently grasped and held in the right hand, and at its lower end the butt is provided with a similar hand-grip part F to be grasped by the left hand. These grip parts E and F are preferably provided with a series of circumferential ridges to prevent slipping and are also tapered at their ends, so that they fit closely within the closed hands. Between the grip parts E and F the diameter of the butt is gradually reduced from the upper toward the lower end, so as to give the butt a certain amount of elasticity, however, without weakening it. The elasticity in the butt prevents undue strains in the pole proper while casting or playing a fish

and permits the caster to throw a hook and sinker a much greater distance and with much more force than when a stiff butt is used and likewise in playing a fish gives him more power and leeway. The dotted line *a'* in Fig. 1 indicates the manner in which the butt bends during casting. The butt is made of some wood combining great strength with elasticity—for example, hickory wood. The butt may be composed of two sections *a* and *b*, as shown in Figs. 3 and 4, which sections are held together by a screw *d* and socket *e*.

My improved butt when constructed as shown in Figs. 3 and 4 can readily be shortened by detaching the lower section *b* from the upper section *a*, thus adapting the butt for use while fishing from a boat when the longer butt would be in the way and prevent proper manipulating of the rod.

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

1. A butt for fishing-rods, decreased in diameter between its ends, substantially as set forth.

2. A butt for fishing-rods provided with a hand-grip at each end and decreased in diameter between said hand-grips, substantially as set forth.

3. A butt for fishing-rods, provided with a hand-grip at each end and gradually decreased in diameter for the upper hand-grip to the lower hand-grip, substantially as set forth.

4. A butt for fishing-rods, composed of two sections and means for uniting them, one section forming the upper part of the butt and the other section the lower end of the butt, the lower section being much shorter than the upper section, substantially as set forth.

5. In a butt for a fishing-rod, the combination with an upper section *a* and a lower section *b*, the upper section being provided at its upper end with a hand-grip and the lower section being provided at its lower end with a hand-grip, and means for holding the two sections together, the upper section being much longer than the lower section, substantially as set forth.

6. In a butt for a fishing-rod, the combination with an upper section *a* and a lower sec-

tion *b*, of a screw *d* and socket *e* for holding the two sections together, the upper section being provided with a hand-grip at its upper end and the lower section being provided
5 with a hand-grip at its lower end, substantially as set forth.

Signed at New York city, in the county of

New York and State of New York, this 13th day of March, A. D. 1906.

ERNEST HOLZMANN.

Witnesses:

OSCAR F. GUNZ,
E. S. ROSS.