

No. 666,398.

Patented Jan. 22, 1901.

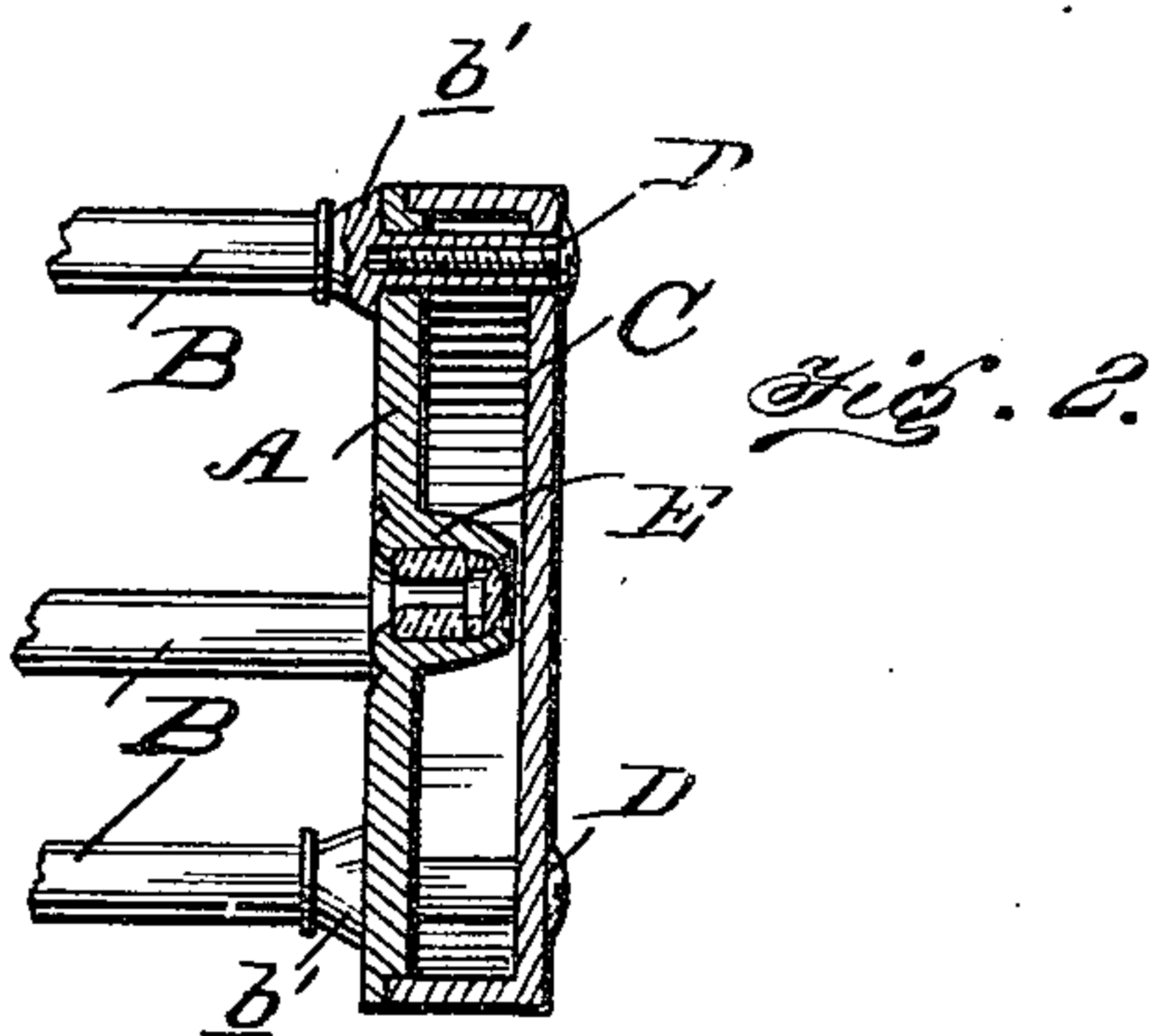
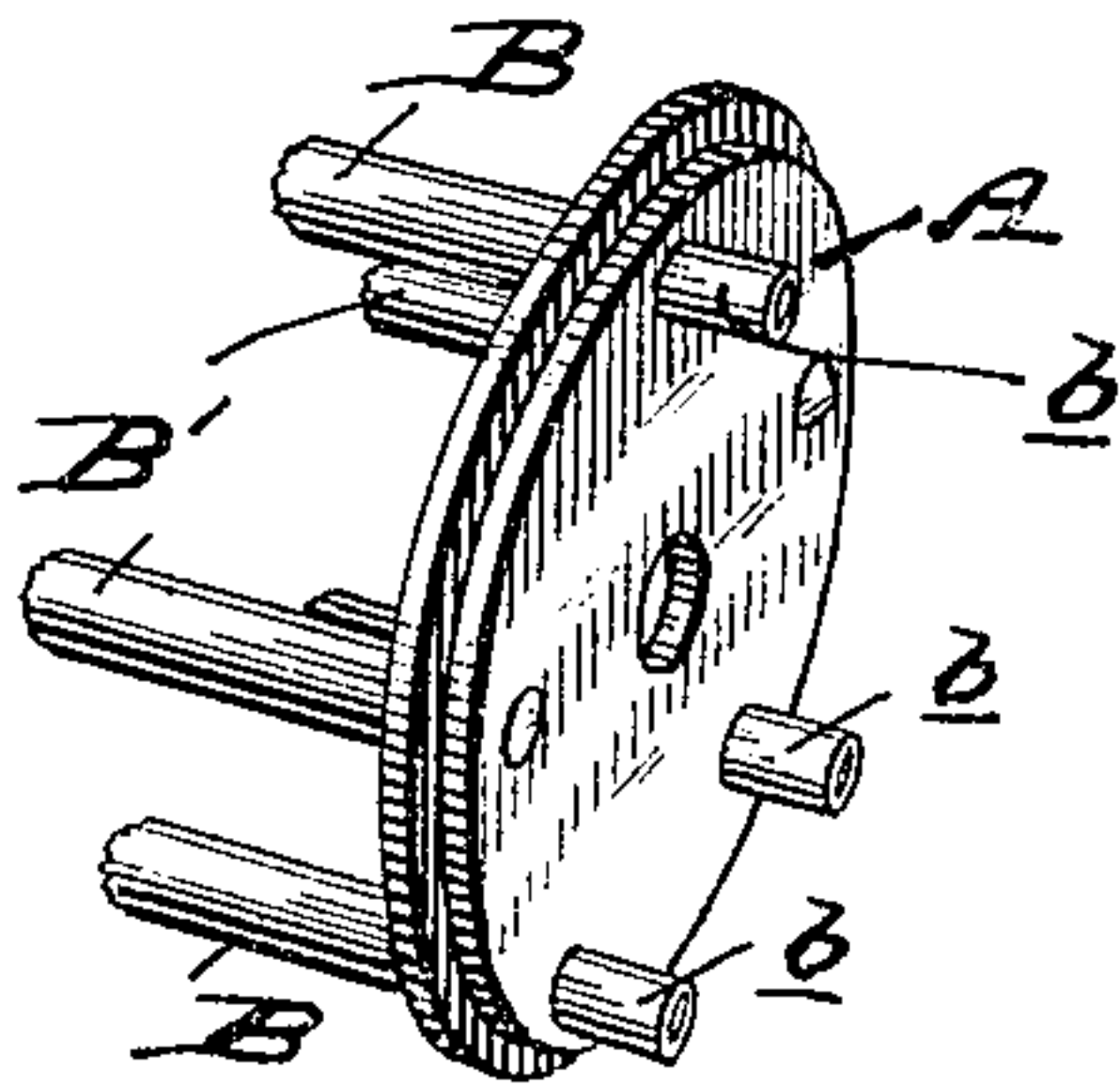
W. H. TALBOT.

FISHING REEL.

(Application filed July 28, 1900.)

(No Model.)

Fig. 1.



Witnesses:
H. W. Rely,
Gabriel D. Milano.

Inventor
William H. Talbot,
By Joseph H. Hunter
Attorney,

UNITED STATES PATENT OFFICE.

WILLIAM H. TALBOT, OF NEVADA, MISSOURI.

FISHING-REEL.

SPECIFICATION forming part of Letters Patent No. 666,398, dated January 22, 1901.

Application filed July 28, 1900. Serial No. 25,126. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. TALBOT, a citizen of the United States, residing at Nevada, in the county of Vernon and State of Missouri, have invented certain new and useful Improvements in Fishing-Reels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in fishing-reels; and it is embodied in the construction and arrangement to be presently described and defined in the claim.

The invention consists more particularly in an improvement in that feature of a reel which is known as the "detachable" cap-plate.

Heretofore it has been customary in reel constructions to connect the removable cap-plate which covers the gearing by suitable screws passing into the ends of the connecting-bars, the ends of the latter terminating at the end plate. My construction in this particular instance relates to a feature whereby the objections of hollowing out the connecting-bars beyond the end plate and securing as heretofore a limited screwhold for the attaching-screws of the cap-plate are overcome.

In the drawings I have shown an embodiment of the invention; but it is to be understood that various changes can be made without departing from the nature and principle of the invention.

Figure 1 is a detail perspective view of an end plate of a reel, and Fig. 2 is a similar view showing a cap-plate applied and the space in which the gearing is usually placed.

In the drawings, A represents the end plate, of any desired or preferred construction, and B and B' represent the connecting-bars for the reel proper. The bars B have cylindrical extensions *b*, projecting longitudinally from their ends, and are also formed with shoulders *b'* at the base of the extensions or ends of the bar proper. These extensions *b* have threaded bores throughout and are of a length

sufficient to extend to the outer face of the cap-plate C. The bars B are arranged as shown in Fig. 1—that is, in pairs at the base and a single bar at the top—the designation of position being arbitrary. The cap-plate C is provided with perforations to correspond in position and size with the extensions *b* on the bars, and, as shown in Fig. 2, the extensions pass through the cap-plate, and the latter is secured in place by the elongated screws D, the shanks of which are substantially the length of the bores of the extensions *b*. By this means the cap-plate is positively and rigidly held in its proper position and the construction is such that the tendency to loosen is largely overcome by the extent of threaded connections between the screws and bars.

In the former type of connection the screws would take into the small sockets in the ends of the bars beyond the end plate A, and it is found that they would soon become loosened, thus loosening the cap-plate, a serious objection in reel construction. By positioning the extensions substantially as shown in Fig. 1 the cap-plate is firmly braced against transverse movement, the screws being employed as a means for securing the cap C on the extensions.

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

In a fishing-reel, the combination with end plates, of a plurality of connecting-bars therefor, a cap-plate, interiorly-screw-threaded end extensions on the connecting-bars adapted to pass through one end plate and the cap-plate to the plane of the outer surface of said cap-plate, and screws engaging the extensions, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM H. TALBOT.

Witnesses:

J. W. TALBOT,
HOWARD C. PAYNE.