

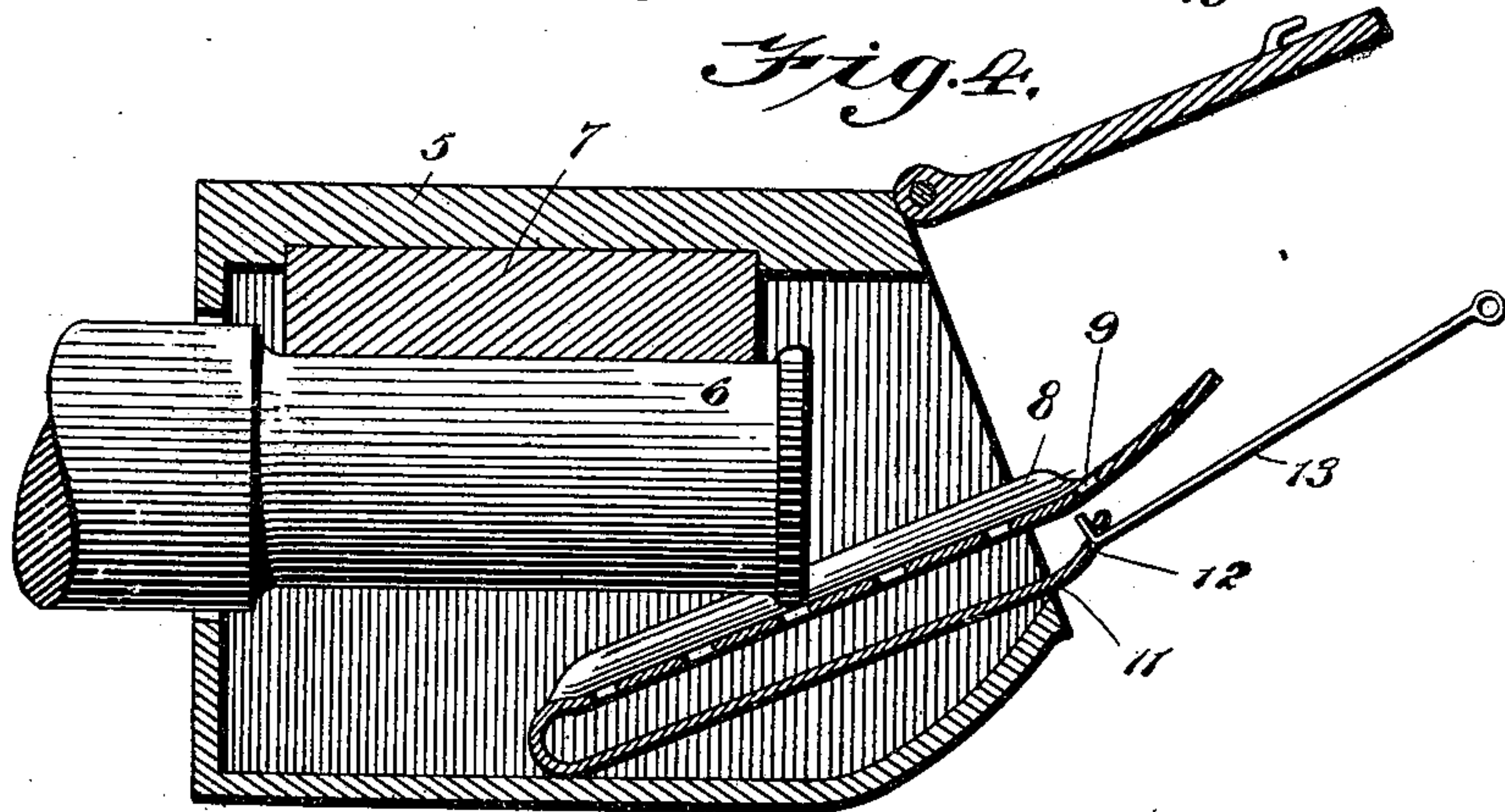
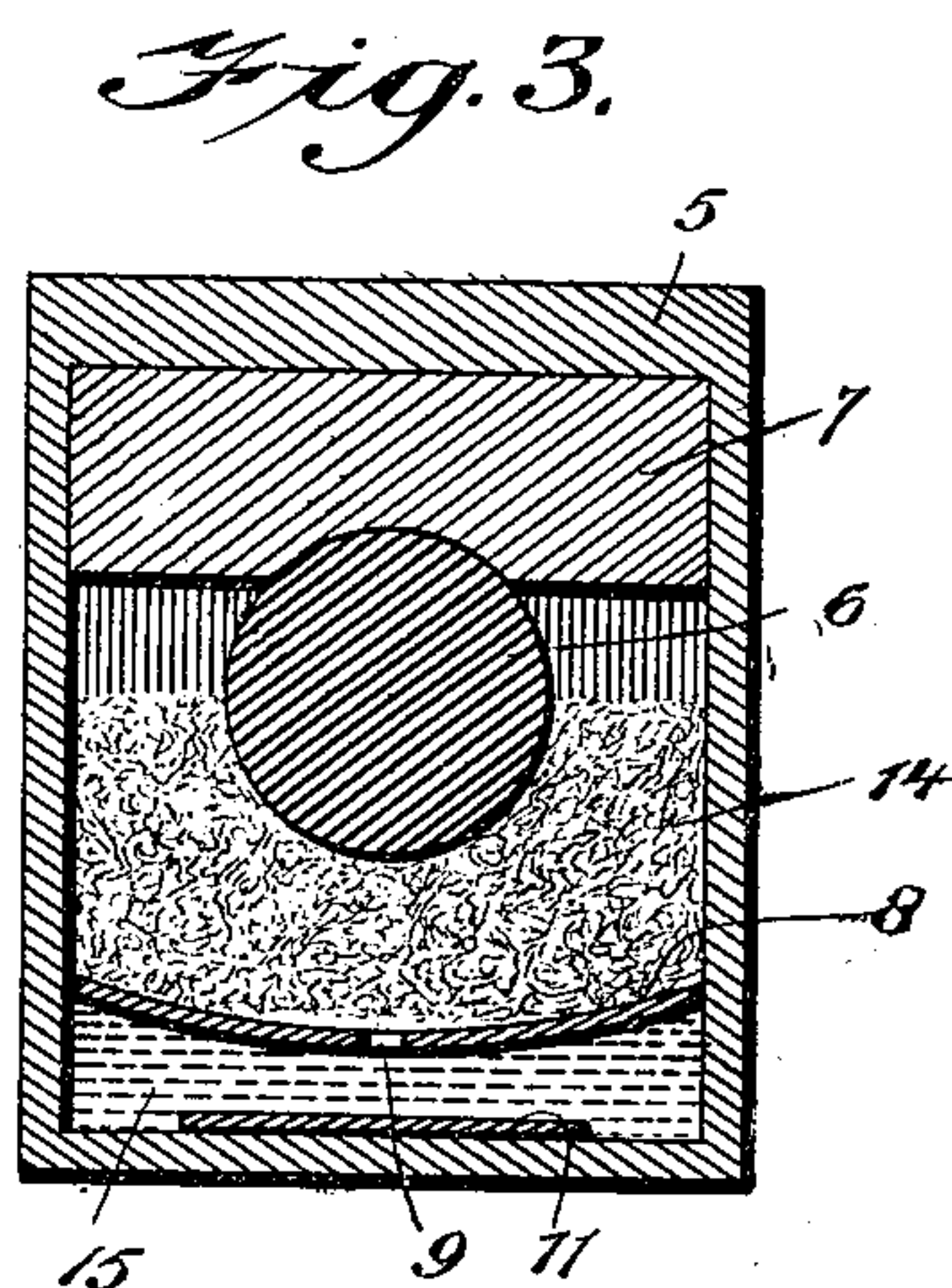
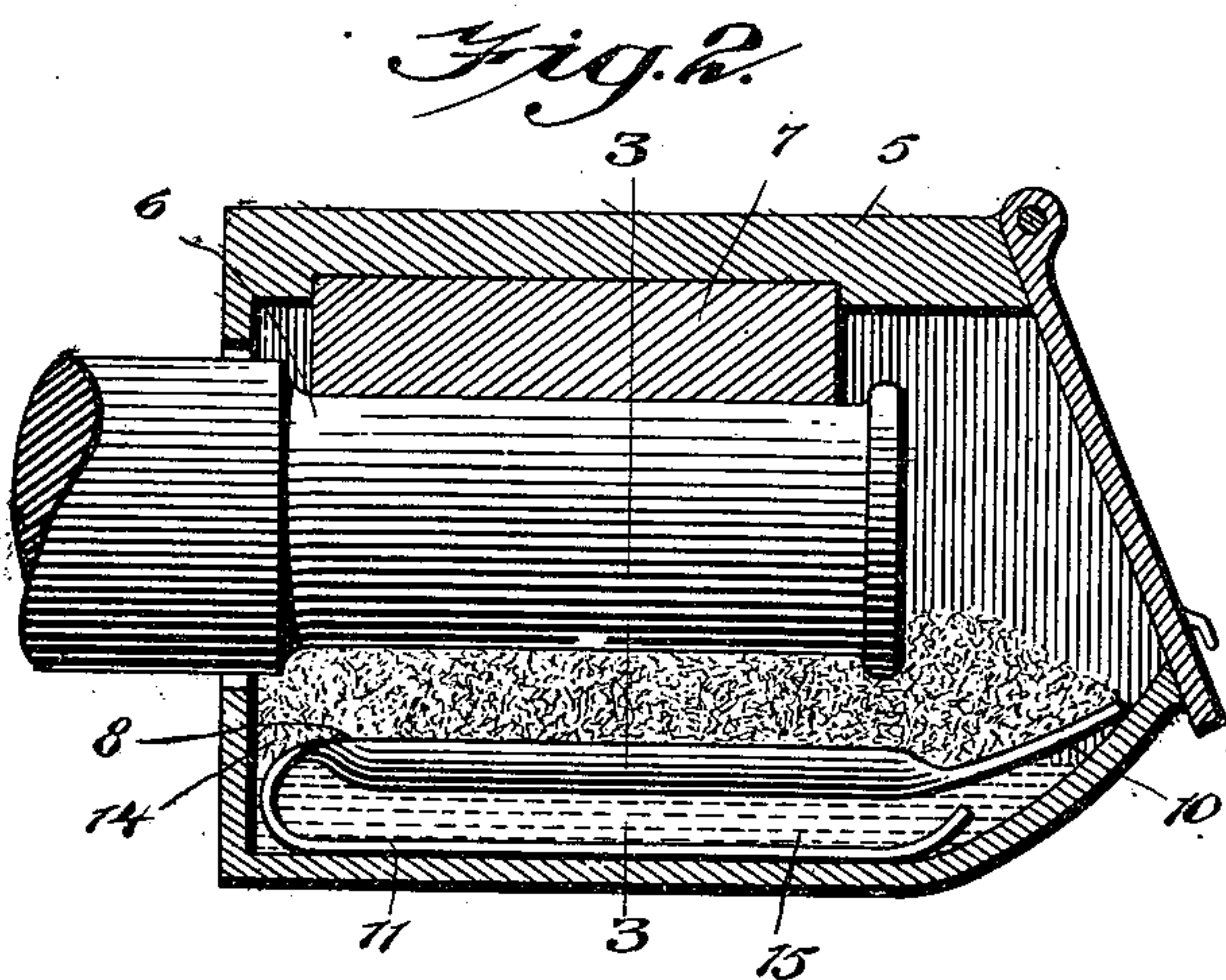
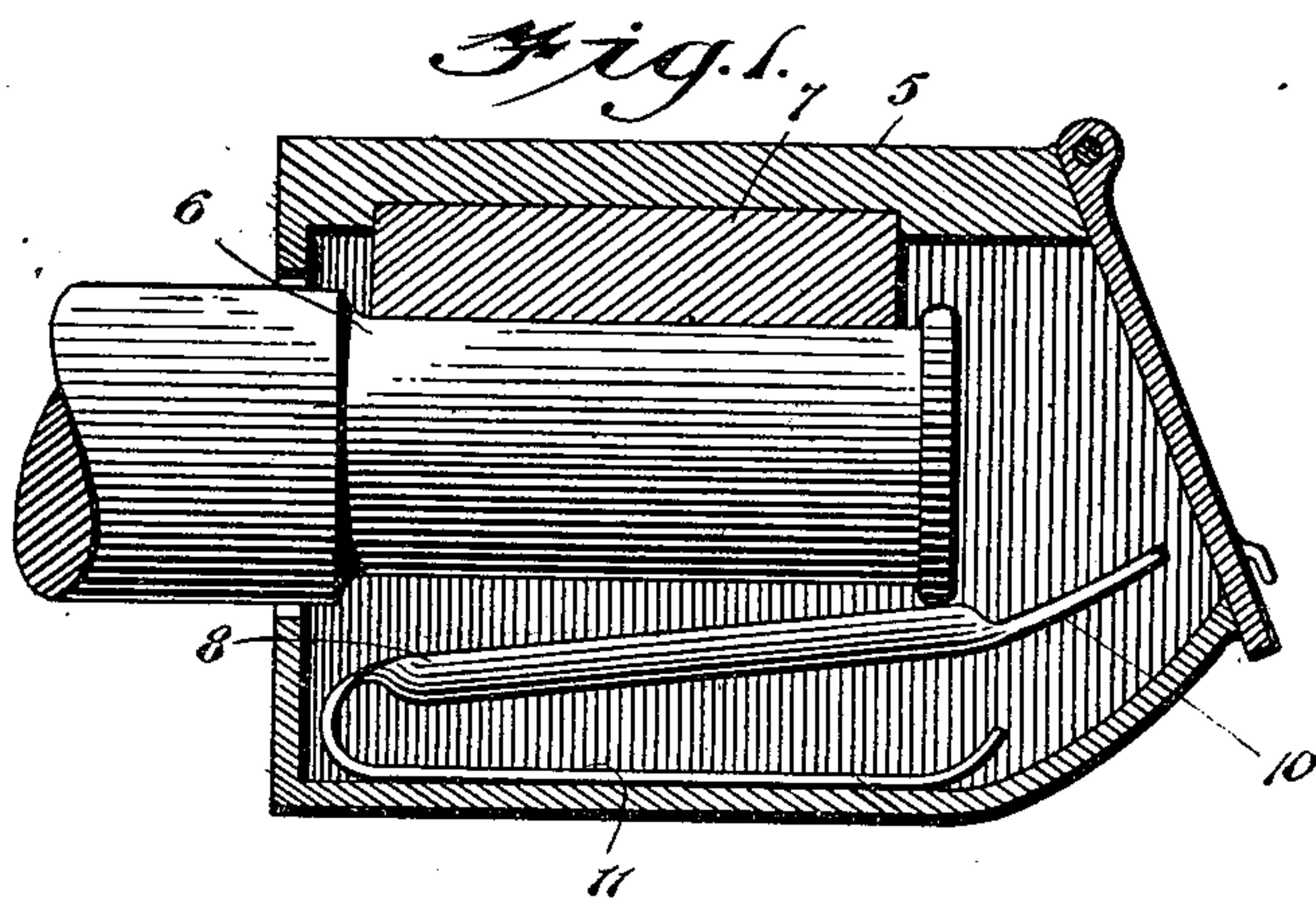
No. 675,240.

Patented May 28, 1901.

F. E. PARSONS.
JOURNAL OILER.

(Application filed Dec. 11, 1900.)

(No Model.)



WITNESSES:

W. G. Dieterich
C. R. Ferguson

INVENTOR

Fred E. Parsons

BY

Mum
ATTORNEYS

UNITED STATES PATENT OFFICE.

FRED E. PARSONS, OF MARSHALL, MINNESOTA.

JOURNAL-OILER.

SPECIFICATION forming part of Letters Patent No. 675,240, dated May 28, 1901.

Application filed December 11, 1900. Serial No. 39,521. (No model.)

To all whom it may concern:

Be it known that I, FRED E. PARSONS, a citizen of the United States, and a resident of Marshall, in the county of Lyon and State of Minnesota, have invented a new and Improved Journal-Oiler, of which the following is a full, clear, and exact description.

This invention relates to improvements in devices for oiling or lubricating journals or axles, particularly car-wheel journals; and the object is to provide a simple device designed to be placed in a journal-box to hold the absorbent packing yieldingly against the journal and by the use of which a less amount of packing is required than is ordinarily used.

I will describe a journal-oiler embodying my invention and then point out the novel features in the appended claims.

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

Figure 1 is a sectional view showing a device embodying my invention as placed in a journal-box and before the packing is placed therein. Fig. 2 is a similar section, but showing the packing in place. Fig. 3 is a section on the line 4 4 of Fig. 2, and Fig. 4 shows the manner of inserting or removing the device.

Referring to the drawings, 5 designates a journal-box, and 6 the journal extended therein and upon which the usual block 7 bears. Arranged in the lower portion of the journal-box is a packing-supporting plate 8, which is transversely curved upward from its center to its edges and extends the full width of the journal-box, as clearly shown in Fig. 3. At its central portion this plate is provided with a series of perforations 9, and its free end is turned upward, as at 10, and is extended beyond the end of the journal, so as to prevent the packing from sliding off the end thereof. This plate 8 is made of spring metal and has connection at its inner end with a bottom member or plate 11, of spring material, which rests upon the bottom of the journal-box. The free end of this plate 11 is turned upward and is provided with a perforation 12, in which the hook end of a rod 13 may be engaged for the purpose of inserting the device or for removing it, as illustrated in Fig. 4.

In operation the device is to be placed in the journal-box below the journal, and then the packing 14 of the waste or similar absorbent material is placed on the top thereof and is held in yielding engagement with the journal by the plate 8. The oil 15 is to be placed in the lower portion of the journal-box and will pass through the perforations 9 and be absorbed by the packing, from which it will pass to the journal.

In using a device embodying my invention I derive a benefit from the upward pressure of the spring-plate, which gives constant contact of the packing against the journal. The device requires no other fastening than that of the pressure of the packing.

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

1. A journal-oiler, comprising a transversely-curved plate extended across the journal-box underneath the journal and having its outer end extended beyond the end of the journal, a spring-plate extended from the inner end of the first-named plate and underneath the same, the free end thereof being turned upward free from the bottom of the journal-box, and provided with an opening to receive a hook or the like, and a packing arranged between the first-named plate and the journal, substantially as specified.

2. In an oiling device for a journal, a transversely-curved member for supporting a packing, the said member being provided with perforations and having its end extended beyond the journal and turned upward, and a member extended from the first-named member and adapted to engage with the bottom wall of the journal-box, the said last-named member having its free end turned upward and provided with a perforation, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRED E. PARSONS.

Witnesses:

C. C. GUERNSEY,
M. T. WEIKLE.