

B. T. BABBITT.

PACKING FOR STUFFING-BOXES, &c.

No. 176,264.

Patented April 18, 1876.

Fig. 2.

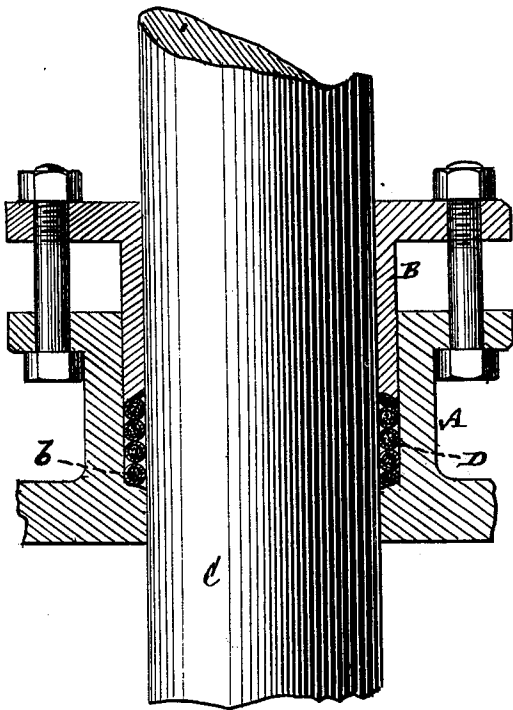
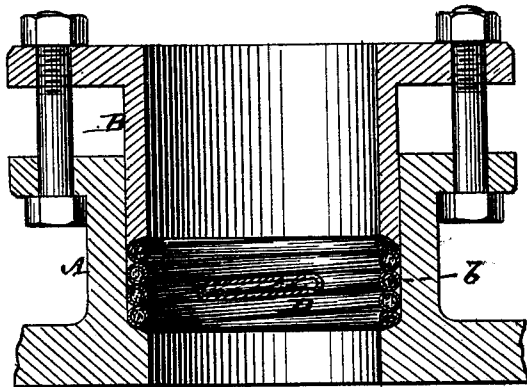


Fig. 1.



Witnesses

John Becker
Fred Haynes

B. T. Babbitt
by his Attorney
Brown & Allen

UNITED STATES PATENT OFFICE

BENJAMIN T. BABBITT, OF NEW YORK, N. Y.

IMPROVEMENT IN PACKINGS FOR STUFFING-BOXES, &c.

Specification forming part of Letters Patent No. **176,264**, dated April 18, 1876; application filed October 6, 1875.

To all whom it may concern:

Be it known that I, BENJAMIN T. BABBITT, of New York, in the county and State of New York, have invented certain Improvements in Packings for Stuffing-Boxes, of which the following is a specification:

This invention consists of a packing for stuffing-boxes, consisting of an unbroken tube of soft metal, combined with an internal filling of fibrous material for supporting the walls of the tube and keeping them distended, as will hereinafter appear.

In the accompanying drawing, Figure 1 represents a vertical section of a stuffing-box with my invention applied; and Fig. 2, a similar view of the same, together with a piston or other rod, as working through the stuffing-box.

The letter A represents the body of the stuffing-box, and B its gland, both of which may be of the ordinary or any suitable construction. C is a rod, which works through said stuffing-box. D represents the unbroken tube, of soft or flexible metal, such as lead or other similar material, and which is bent into the form of a spiral coil, for lodgment within the stuffing-box and around the rod passing

through the same. This tube may either be open or closed at its ends, and forms both a close and easy packing. Within this tube is arranged a filling of material, *b*, such as cotton or other fibrous material, which has for its object to support the walls of the tube and preventing its collapsing, without impairing its flexibility.

I am aware that it is not new to construct a packing of an unbroken tube of soft metal, such being shown in Patent No. 6,974, in which the tube is distended with compressed air. The advantage of my invention over the above patent is that, when the tube is worn through, the fibrous filling becomes available for packing purposes.

What I claim, and desire to secure by Letters Patent, is—

A packing for stuffing-boxes, consisting of an unbroken tube of soft metal, in combination with a fibrous filling for supporting its walls and keeping them distended, substantially as described.

B. T. BABBITT.

Witnesses:

JOHN E. DOWLEY,
FRED C. MEYER.