

M. Botticher,

Stuffing-Box Packing.

N^o. 44,575.

Patented Oct. 4, 1864.

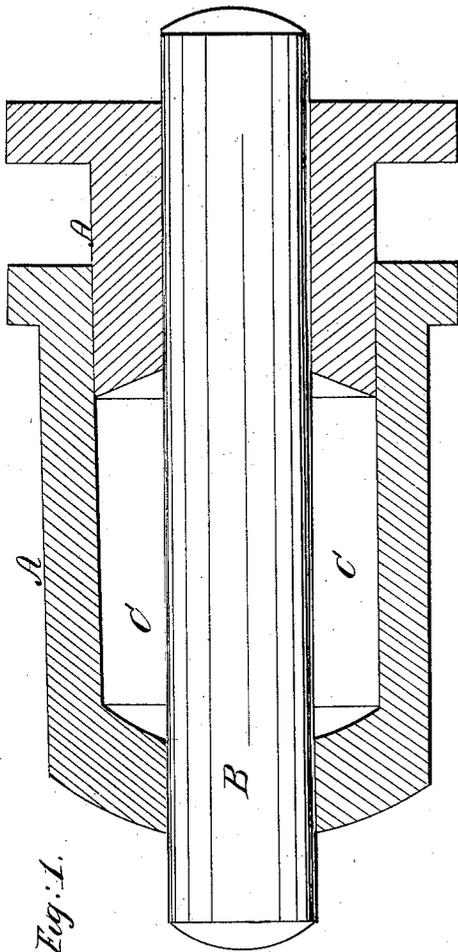
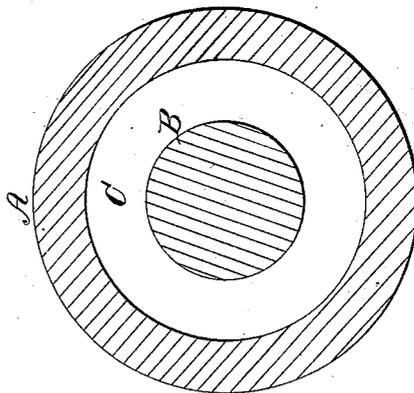


Fig. 1.

Fig. 2.



Witnesses;
T. Harper Day
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UNITED STATES PATENT OFFICE.

MORRIS BOTTICHER, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR
TO RICHARD BURR AND MAX HAARBURGER.

IMPROVED PACKING FOR STUFFING-BOXES OF STEAM AND OTHER ENGINES.

Specification forming part of Letters Patent No. **44,575**, dated October 4, 1864.

To all whom it may concern:

Be it known that I, MORRIS BOTTICHER, of Washington city, District of Columbia, have invented and discovered a new mode of Packing Stuffing-Boxes of Engines; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

To enable others skilled in the art to make and use my invention, I will proceed to describe it as follows:

Figure 1 represents a sectional view of a common stuffing-box and piston; Fig. 2, an end view of the same.

A represents the cylinders of a common stuffing-box; B, a piston or valve-stem; C, the chamber containing the packing.

The nature and object of my invention consists in the use of soapstone and asbestos mixed together with cotton, to compose a cheap and lasting packing.

I pulverize the soapstone and asbestos,

and I mix one tenth quantity of asbestos with nine-tenths of the soapstone. I then mix the flour with cotton, and put a layer around the piston-rod or valve-stem. I vary my layers according to the thickness of the rod, and when the box is once filled and tight the packing will remain so for several months, and requires no lubricating with oils, &c.

This packing does not become heated or damaged by friction; hence its economy is of much advantage over the ordinary packing, that requires frequent repairing and constant lubrication with oils, fat, &c.

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

The mode and manner of packing stuffing-boxes with cotton, pulverized asbestos, and soapstone, as herein described, and for the purposes set forth.

MORRIS BOTTICHER.

Witnesses:

J. FRANKLIN REIGART,
DAN ROWLAND.