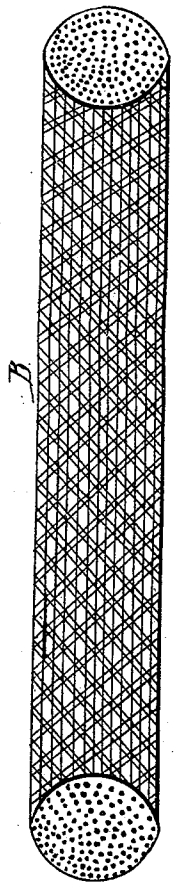
W. H. MILLER.

PACKING FOR STUFFING BOXES FOR STEAM ENGINES, PUMPS, &c.

No. 64,995. Patented May 21, 1867.



Witnesses

S. W. Inatchin

E. W. Miller

Inventor.

Wm. H. Miller

THE MORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

United States Patent Office.

WILLIAM HARTLEY MILLER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 64,995, *dated May* 21, 1867.

IMPROVEMENT IN THE MANUFACTURE OF PACKING FOR STUFFING-BOXES OF STEAM ENGINES, PUMPS, &c.

The Schedule referred to in these Letters Patent and making part of the same

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM HARTLEY MILLER, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and improved method of manufacturing Stuffing-Box Packing for Engines, Pumps, &c.; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in the peculiar combination of materials used, whereby said materials are rendered more efficient.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I take as many strands of jute yarn as will make the required size, and pass them through powdered soapstone. I then, by means of machinery for that purpose, twist the strands and soapstone together into a rope. I then pass the rope through melted paraffine. I then, by use of a braiding machine, cover the rope with fine cotton yarn, after which I pass the combined materials through the melted paraffine, which completes the process of manufacture. B represents a piece of this packing. This packing is used as ordinary packing is used.

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

The combination of these materials in a packing for engines, pumps, &c., in the manner shown and described.

WM. HARTLEY MILLER.

Witnesses:

G. W. MATCHIN,

E. W. MILLER