

B. Wilbur
Bobbin.

N^o 51,887.

Patented Jan. 2, 1866.

Fig. 1.

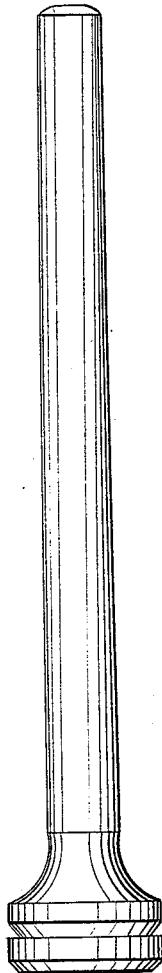


Fig. 2.

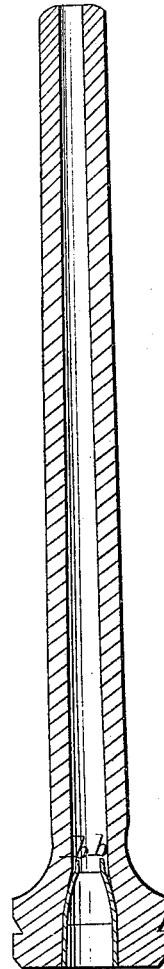


Fig. 3.



Witnesses
Stephen A. Cooke Jr
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BENJAMIN WILBUR, OF SCITUATE, RHODE ISLAND.

IMPROVEMENT IN BOBBINS FOR SPINNING, &c.

Specification forming part of Letters Patent No. **51,887**, dated January 2, 1866.

To all whom it may concern:

Be it known that I, BENJAMIN WILBUR, of Scituate, in the county of Providence, in the State of Rhode Island, have invented an Improvement in Bobbins for Spinning, Twisting, &c.; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is an external view, Fig. 2 is a vertical sectional view, and Fig. 3 is a perspective view, of the metallic spring.

The object to be accomplished by this invention is the keeping of the bobbin stationary and firmly upon the spindle.

The nature of my invention consists in the use of spring-prongs projecting from a metal-

lic tube, Fig. 3, which is inserted in the bobbin-head or base of the bobbin, with the prongs or free ends of the springs inclining inward and toward each other, which tube is held in the bobbin-head by friction only. When the bobbin is pressed down upon the spindle the prongs *b b*, Fig. 2, press against the spindle and hold the bobbin firmly in its position by friction only.

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

The use of metallic springs constructed as and inserted and secured in the bobbin-head as above shown and described.

BENJAMIN WILBUR.

Witnesses:

STEPHEN A. COOKE, Jr.,
EDWARD J. HAM.