

W. T. Mersereau.

Stair Rod Fastening.

N^o 59,921.

Patented Nov. 20, 1866.

Fig. 1.



Fig. 2.

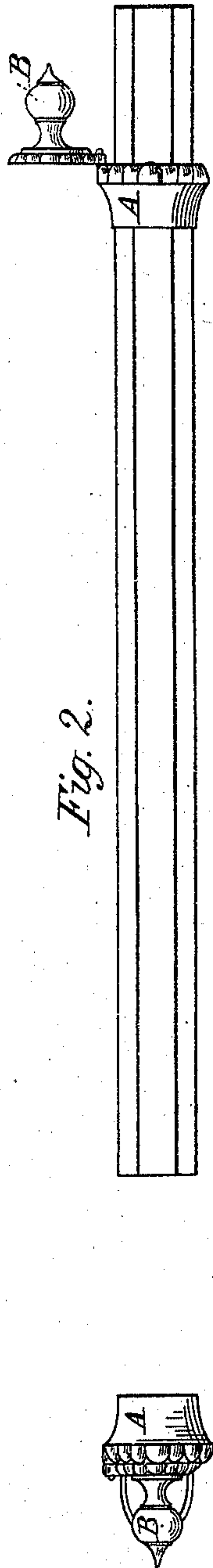
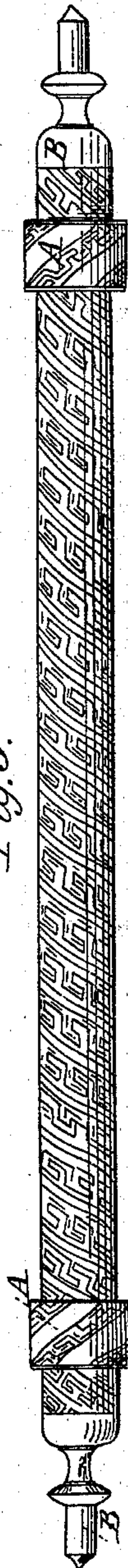


Fig. 3.



Witnesses:
James Ponge
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Inventor:
W. T. Mersereau by his attorney
Abraham Dornier

United States Patent Office.

IMPROVED STAIR-ROD FASTENING.

WILLIAM T. MERSEREAU, OF NEWARK, NEW JERSEY.

Letters Patent No. 59,921, dated November 20, 1866.

SPECIFICATION.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM T. MERSEREAU, of Newark, Essex county, New Jersey, have invented, made, and applied to use certain new and useful improvements in fastening Stair and Vestibule Rods, and I do declare the following to be a full, clear, and correct description of the same, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, in which—

Figure 1, a view of my improvement in fastening stair and vestibule rods.

Figure 2, a view of the same, showing how the rod is removed.

Figure 3, a view of the present mode of fastening stair and vestibule rods.

In the drawings, like parts of the invention are indicated by the same letters of reference.

The nature of my invention consists in certain new and useful improvements, as hereinafter fully described, for fastening stair and vestibule rods. To enable those skilled in the art to make and use my invention, I will proceed to describe the same.

The present mode of fastening stair and vestibule rods consists of the use of two rings inserted in the stair at the proper distance from each other, beneath which the rod is passed.

My improvement consists in using these rings, A, placed at the proper distance from each other in the stair, and in pinning the tips, B, (usually made with the stair or vestibule rod,) upon the outer side of the rings, A, so that they may be turned freely either over the opening in the ring, A, or away from the same. One of the rings provided with a tip is inserted, as stated, in the stair, and the tip is closed down over the opening in the ring. The opposite ring is inserted in proper position in the stair, and the tip being thrown back from the opening the rod is inserted beneath the same and the opposite ring, its end bearing slightly against the inside of the tip closed upon the same. The tip previously thrown back may now be closed over the end of the ring, and the rod will thus be held firmly in position. When desired that the rod should be removed, (fig. 2,) one of the tips may be thrown back from the ring and the rod may be withdrawn from beneath the rings.

The peculiar advantages arising from the use of my improvement are that the rod is much more securely held in position, the cost of manufacture is materially reduced, a much more ornamental and tasteful appearance is given to the rod, and the rings supporting the same last a much longer time, as in the present mode the screws holding the same in the stair have their heads entirely removed, which greatly weakens them and causes them to be broken frequently while being inserted in the stair. Frequently one of the tips may be stationary or form part of the ring itself, and the opposite ring be provided with a movable tip to allow of the insertion and withdrawal of the rod.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—
I claim combining with the ring, the tip, for the purposes herein fully indicated.

WM. T. MERSEREAU.

In presence of—

A. SIDNEY DOANE,

A. TURNER.