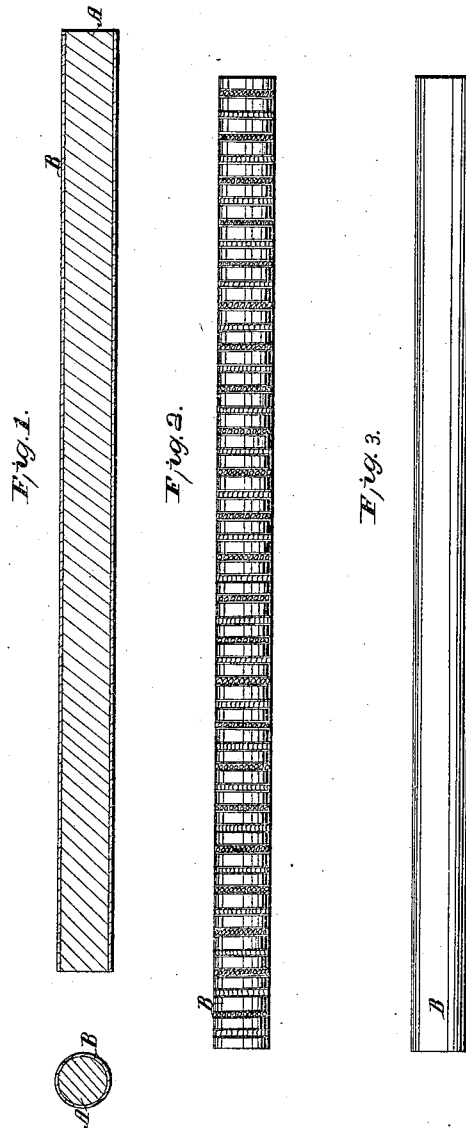


A. Shipley,
Stair Rod.

N^o 53,381.

Patented Mar. 20, 1886.



Witnesses:
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UNITED STATES PATENT OFFICE.

AMOS SHIPLEY, OF NEWARK, NEW JERSEY, ASSIGNOR TO W. T. MERSEREAU
AND I. MERSEREAU, OF NEW YORK CITY.

STAIR-ROD.

Specification forming part of Letters Patent No. 53,381, dated March 20, 1866.

To all whom it may concern:

Be it known that I, AMOS SHIPLEY, of Newark, Essex county, New Jersey, have invented, made, and applied to use certain new and useful Improvements in the Construction of Stair-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 is a sectional view of a stair-rod made after my manner; Fig. 2, a front view of a stair-rod made after my manner, the face of the same being ornamented; Fig. 3, a front view of a stair-rod made after my manner, the face of the same not being ornamented.

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

The nature of my invention consists in constructing a stair-rod partially of wood and partially of metal, instead of entirely of metal, as at present, the metal covering the wood, and when desired being ornamented.

The object of the present invention is to cheapen the cost of stair-rods to the consumer and at the same time to expedite their manufacture.

To enable those skilled in the arts to make and use my invention, I will proceed to describe the same.

A shows a core of wood of the length it is desired to make the stair-rod, and B is the metal covering the same. The metal B having been bent around the core of wood A, the same is passed through a die, by which the metal is firmly and neatly pressed around and over the wood. The tips or ornaments may then be added at the ends of the rod.

When it is desired to give an ornamental appearance to the rod, the same, constructed as described, is placed in a proper machine for the purpose, and a roller having cut upon its face the configuration it is desired to impart to the rod is brought in contact with the same, impressing upon the metal the design cut upon its face.

By the substitution of wood for metal the cost to the consumer is greatly reduced as well as the cost to the manufacturer.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

Combining wood and metal in the manufacture of stair-rods, substantially as described, for the purposes specified.

AMOS SHIPLEY.

In presence of—

W. T. MERSEREAU,
ROBERT PLUME.