

E. H. Boswell,
Stair Rod and Fastening,
No. 54,677, Patented May 15, 1866.

Fig 1.

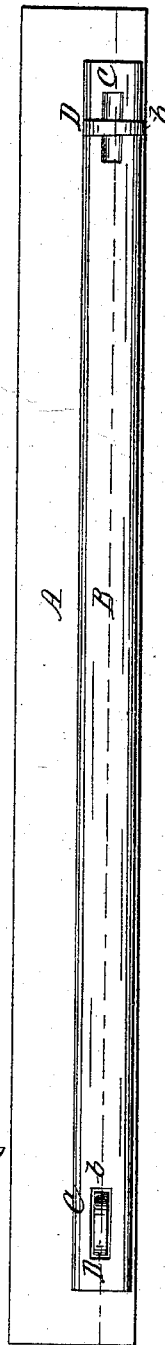


Fig 2.

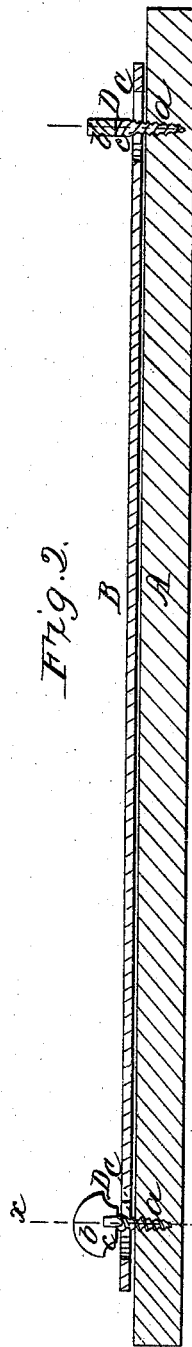
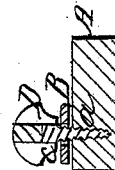


Fig 3.



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UNITED STATES PATENT OFFICE.

EDWARD H. BOSWELL, OF PHILADELPHIA, PENNSYLVANIA.

STAIR-ROD AND FASTENING.

Specification forming part of Letters Patent No. 54,677, dated May 15, 1866.

To all whom it may concern:

Be it known that I, EDWARD H. BOSWELL, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Stair-Rod and Fastening; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view of my invention; Fig. 2, a side sectional elevation of the same; Fig. 3, an end sectional elevation of the same.

Similar letters of reference indicate like parts.

The object of this invention is to provide a convenient and economical stair-rod and fastening for the purpose of holding carpets and other coverings upon the steps of stairs.

Referring to the drawings, A represents a section of a stair. B is the stair-rod, made in the form of a flat bar of wood, metal, or other suitable material. At each end of the bar B there is an elongated aperture or slot, C, of the form shown, and through these apertures I introduce the fastening D, which consists of a sharp-pointed or gimlet screw, *a*, with a head, *b*, made in the form of a thumb-screw, but so thin or narrow that it will readily pass through the slots C. At the junction of the screw *a* and head *b* a shoulder, *c*, is formed, as shown.

In using my improvement I first screw the fastenings D into the stairs, leaving a space between the fastenings equal to the distance between the slots C C. I turn or set the heads

b b on a horizontal line, in which position they will pass through the horizontal slots C C in the rods B. After the rods B have thus been passed over the heads of the fastenings D, I turn the heads of the latter so that their shoulders *c* will stand crosswise over the slots C, by which movement the rods B will be firmly screwed down against the stairs A, and it will be impossible for the rods to become detached or removed until the heads *b* are again turned into a position horizontal with the slots C.

It will, of course, be understood that the carpet is placed between the rod B and stairs A and that the carpet is held fast by the pressure upon it of the rods B.

The rods B may be composed of any suitable material or metal or any desired kind of wood, and may be painted, colored, varnished, or ornamented in any desired manner.

The fastenings D may be made in one piece of metal or in two parts, or they may be made with metallic points or screws and wooden heads or heads of other material.

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

The combination of the slotted rod B and the shouldered fastening D, which in one position will admit the passage over it of the rod, retaining the latter by a partial revolution, substantially as described.

EDWARD H. BOSWELL.

Witnesses:

J. C. MAGILL,

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