

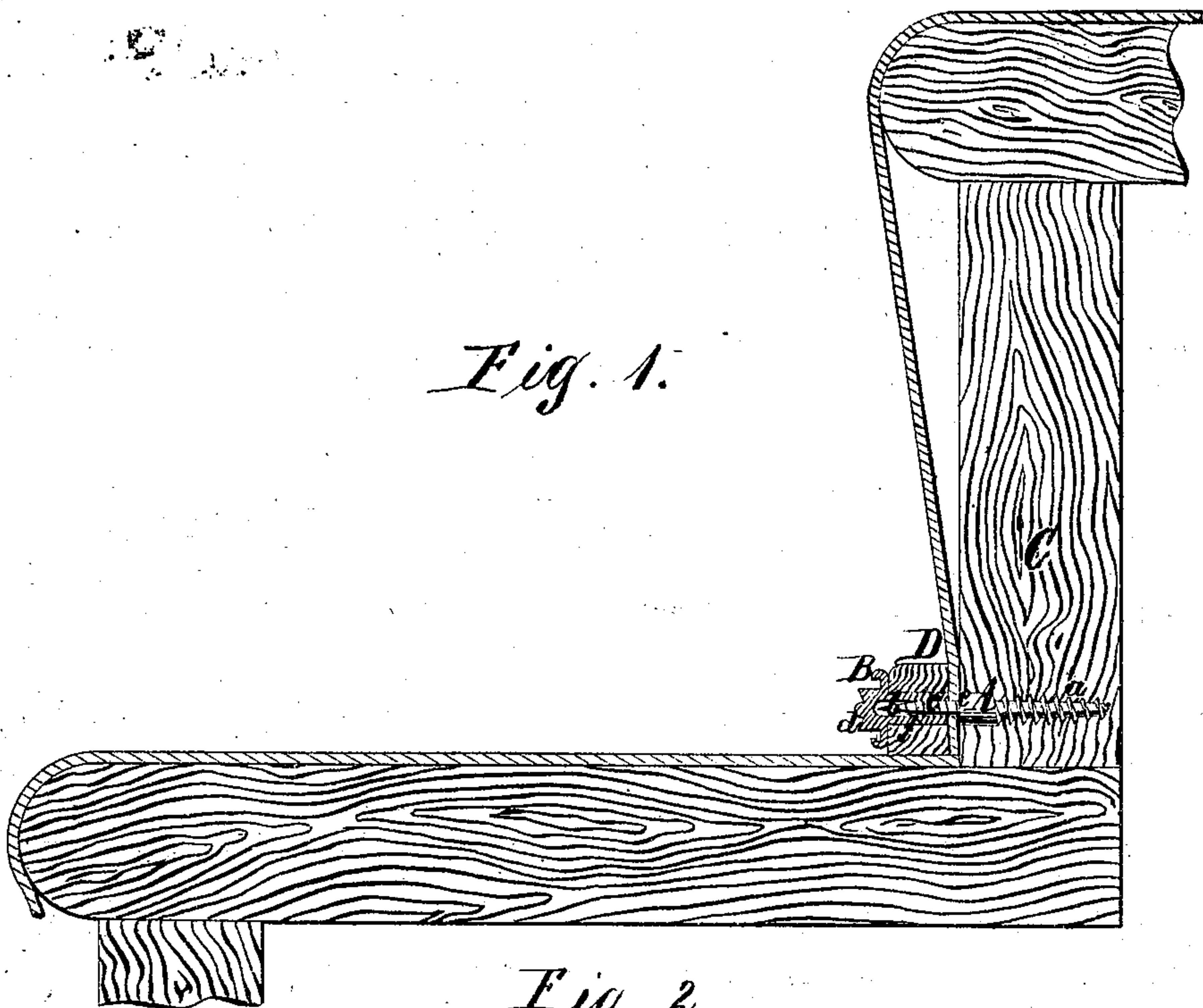
M. KRICKL.

Screws for Fastening Stair Carpets.

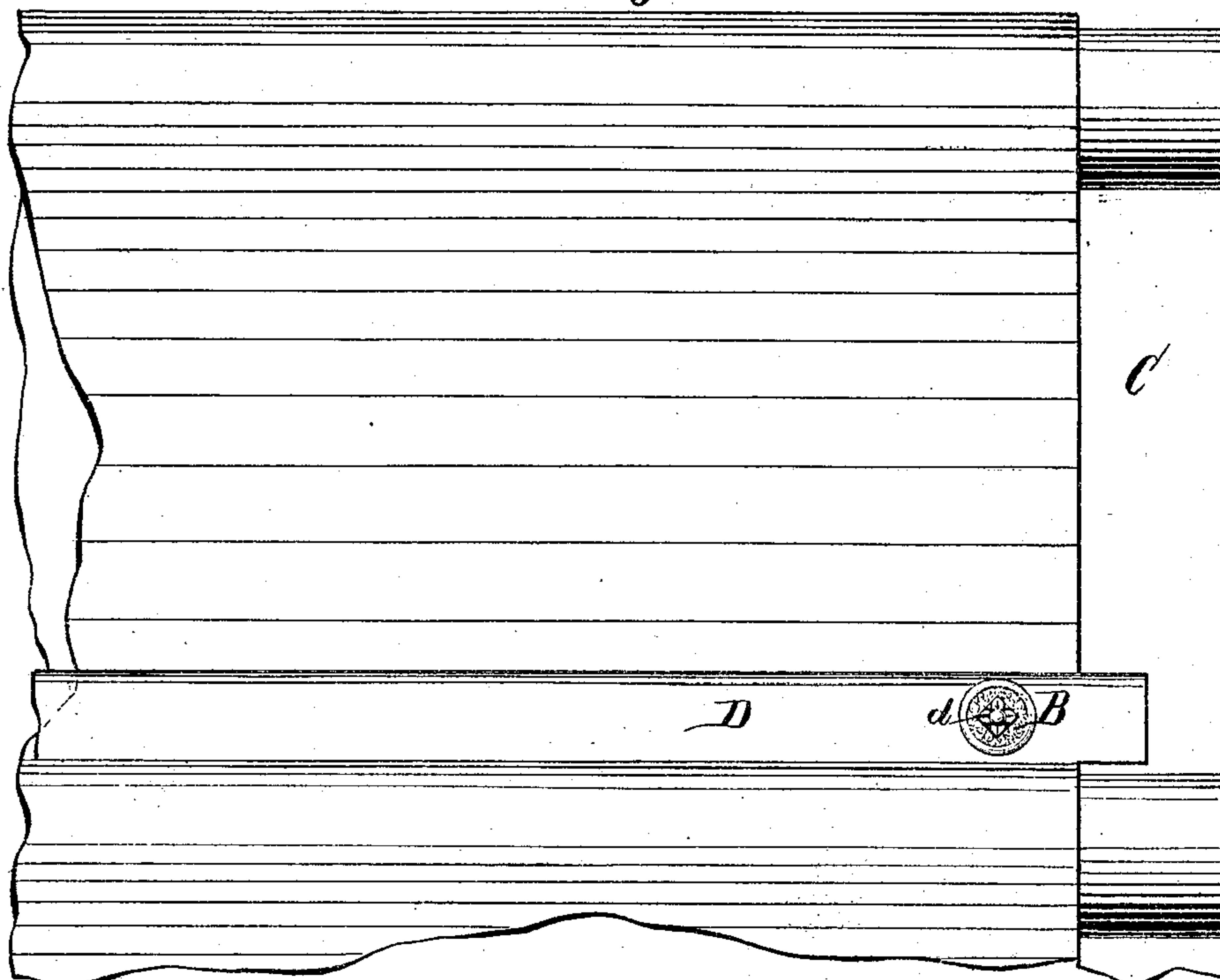
No. 152,387.

Patented June 23, 1874.

*Fig. 1.*



*Fig. 2.*



Witnesses. Henry Gentner  
Chas. Wickers. Inventor.

Moritz Krickl  
Van Santvoord & Hauff attors

# UNITED STATES PATENT OFFICE.

MORITZ KRICKL, OF NEW YORK, N. Y.

## IMPROVEMENT IN SCREWS FOR FASTENING STAIR-CARPETS.

Specification forming part of Letters Patent No. **152,387**, dated June 23, 1874; application filed June 3, 1874.

*To all whom it may concern:*

Be it known that I, MORITZ KRICKL, of the city, county, and State of New York, have invented certain new and useful Improvements in Screws for Fastening Stair-Carpet, of which the following is a specification:

This invention is illustrated in the accompanying drawing, in which Figure 1 represents a longitudinal section. Fig. 2 is a face view.

Similar letters indicate corresponding parts.

This invention consists in a screw, the shank of which is provided at one end with a wood screw-thread, while its other end is provided with a metal screw-thread, and with a sharp point, the metal screw-thread being intended to receive an ornamental head, which abuts against a shoulder, with a square in such a manner that this head, when it is applied to the screw, offers a hold for a wrench, and the screw can be conveniently inserted into the riser of a step; and when said head is removed the carpet can be forced over the pointed end of the screw, where it will be retained by replacing the head.

If desired, a stair-rod may be placed between the carpet and the heads of the screws.

In the drawing, the letter A designates a screw, the shank of which is provided at one end with a wood screw-thread, *a*, while its opposite end forms a sharp point, *b*, and beneath this point is furnished with a metal screw-thread, *c*. This metal screw-thread is intended to receive and retain a head, B, which is by preference made ornamental, and provided with a square, *d*, to offer a good hold for a wrench. When this head is secured on the metal screw-thread *c* the screw A can be readily screwed into the riser C of a step; and when two or more screws have been secured in each riser of the stairs which are to be covered

with a carpet the heads B of all said screws are removed, and the carpet is forced over the points *b* of the shanks, then the heads B are replaced, and the carpet is securely retained in position.

If desired, a stair-rod, D, may be placed between the carpet and the heads B on each riser; but it will be readily seen that the carpet is retained solely by the shanks of the screws A.

These screws are of particular advantage for fastening stair-carpets which cover the entire surface of the stairs, and leave no space on their sides for securing fastenings for stair-rods of the ordinary construction.

In order to prevent the heads B from becoming fast on the metal screw-threads *c* I have provided shoulders *e* at the inner ends of these metal screw-threads, so that the heads will abut against these shoulders, and after the screws have been secured in the risers the heads can be readily taken off.

When my screws are to be used in conjunction with stair-rods the heads B are provided with stems *f*, which extend through sockets in the stair-rods.

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

An improved screw for fastening stair-carpets, provided at one end with a wood screw-thread, *a*, and at its opposite end with a shoulder, *e*, and sharp point *d*, and with a metal screw-thread, *c*, and combined therewith the head B, substantially in the manner shown and described.

MORITZ KRICKL. [L. S.]

Witnesses:

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