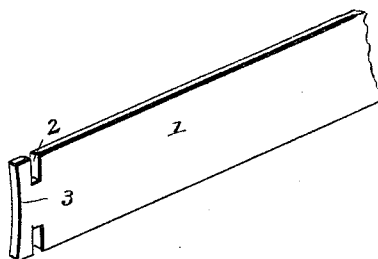
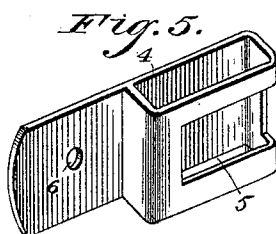
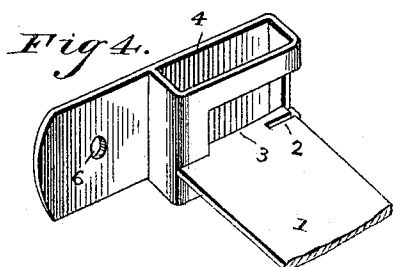
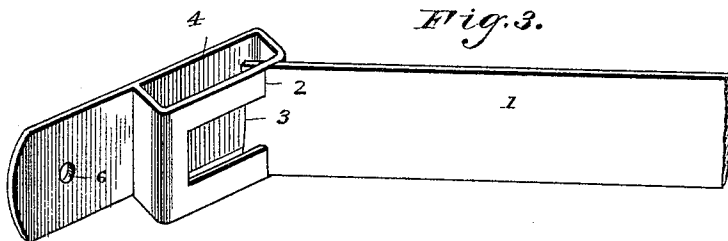
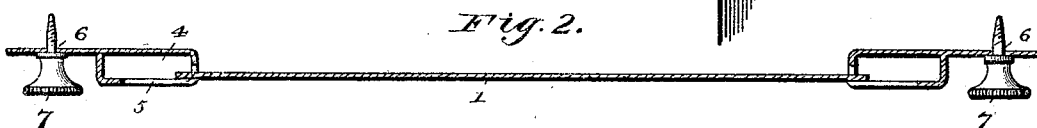
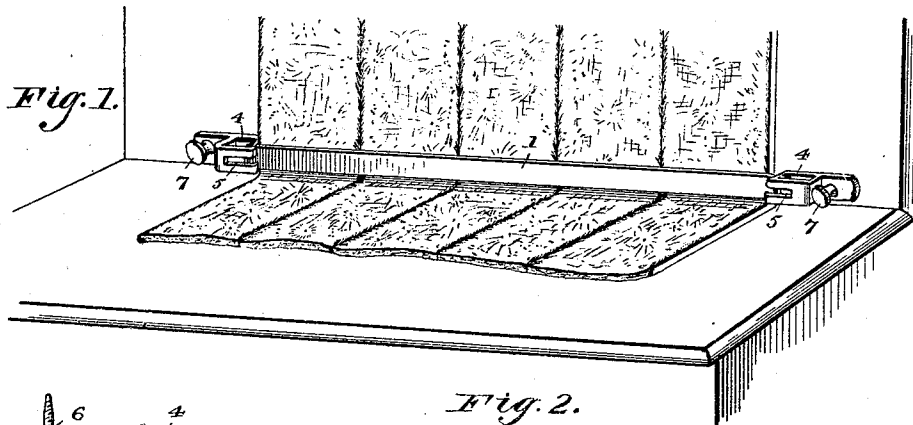


(No Model.)

A. JONES.
STAIR ROD.

No. 517,279.

Patented Mar. 27, 1894.



Witnesses

J. Ulke
Chas. S. Hoyer.

Inventor

Amos Jones,
By his Attorneys.

Cashnow & Co.

UNITED STATES PATENT OFFICE.

AMOS JONES, OF LEBANON, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO
ALLEN L. GREIDER, OF SAME PLACE.

STAIR-ROD.

SPECIFICATION forming part of Letters Patent No. 517,279, dated March 27, 1894.

Application filed May 13, 1893. Serial No. 474,125. (No model.)

To all whom it may concern:

Be it known that I, AMOS JONES, a citizen of the United States, residing at Lebanon, in the county of Lebanon and State of Pennsylvania, have invented a new and useful Stair-Rod, of which the following is a specification.

This invention relates to stair-rods, and has for its object to provide a device of the character set forth that can be applied and adjusted to a stair without the use of a hammer, screw-driver or wrench, and by any person without skill.

With these and other objects in view, the invention consists of the construction and arrangement of the parts thereof as will be hereinafter more fully described and claimed.

In the drawings: Figure 1 is a perspective view of the improved stair-rod shown applied. Fig. 2 is a section on the line $x-x$, Fig. 1. Fig. 3 is a perspective view of a part of the stair-rod and one of its keepers shown partially disconnected. Fig. 4 is a view similar to Fig. 3, showing the same parts still further tending toward disconnection. Fig. 5 is a similar view of the parts entirely disconnected.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, the numeral 1 designates the stair-rod proper, which consists of a flat strip of metal suitably plated or otherwise embellished with a design and which may be varied in width and length to suit different purposes. Near the opposite ends are formed a pair of slots 2, that extend partially across the transverse width of the same and form T-heads 3 composed of opposite laterally-extending lugs. At each end of the said rod is adapted to be located a keeper, which consists of a metallic plate having its inner end bent into a box-loop 4, with a slot 5 in the outer face thereof which is slightly greater in width than the neck of the T-head on the said rod. The box loop is rectangular, and is provided at its inner end and outer side with the said slot 2, which is approximately L-shaped. The outer end of the said keeper is provided with an opening 6, through which is adapted to be inserted a thumb-

screw 7, for securing the said keeper in position. The slots 2, located at the opposite ends of the rods 1, are slightly wider than the thickness of the metal of which the loop of the keeper is formed, and the back of each keeper is continuous and straight to thereby lie closely against the outer surface of the riser or other part of the stair against which it may be placed. By the use of a thumb-screw to secure each keeper in place, a skillful knowledge is not required to properly adjust the device in position, and when the said thumb-screws are in their openings and engaging the stair, the rod is held against accidental displacement, but at the same time means are thereby provided for quickly disconnecting the stair-rod from its keepers when the latter are detached from the stair riser.

In detaching the stair-rod from its keepers at either end, the said rod is drawn into the position shown in Fig. 2, and then turned to the position shown in Fig. 4, when the T-head may be drawn outwardly through the slot, as shown in Fig. 5. In connecting the parts the reverse of this operation is true, and owing to the width of the loop and the self-adjustment of the rod relatively thereto at each end, various thicknesses of carpet or other material may be readily accommodated.

By means of the construction and arrangement of the parts herein set forth a convenient and durable device is provided that may be quickly applied and detached, and which is comparatively inexpensive in manufacture.

The mode of application is so simple as to be readily accomplished by a child or any other person unskilled in mechanics.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what is claimed as new is—

1. In a stair-rod, the combination of a rod proper having a T-head on each of its opposite ends, and a slotted keeper with which said T-heads are adapted to removably and adjustably engage, substantially as described.

2. In a stair-rod, the combination of a rod

proper having a T-head on each of its opposite ends, a keeper with box-loops having slots therein with which the said T-heads removably and adjustably engage, and thumb-screws 5 passed through the outer portions of the said keepers, substantially as described.

3. A stair rod comprising the rod 1 having opposite lugs, keepers arranged at the ends of the rod and provided with substantially 10 rectangular loops having slots at their inner

ends and outer sides and detachably engaging the lugs, and means for securing the keepers in place, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 15 the presence of two witnesses.

AMOS JONES.

Witnesses:

A. L. GREIDER,
TOBIAS REINOEHL, Jr.