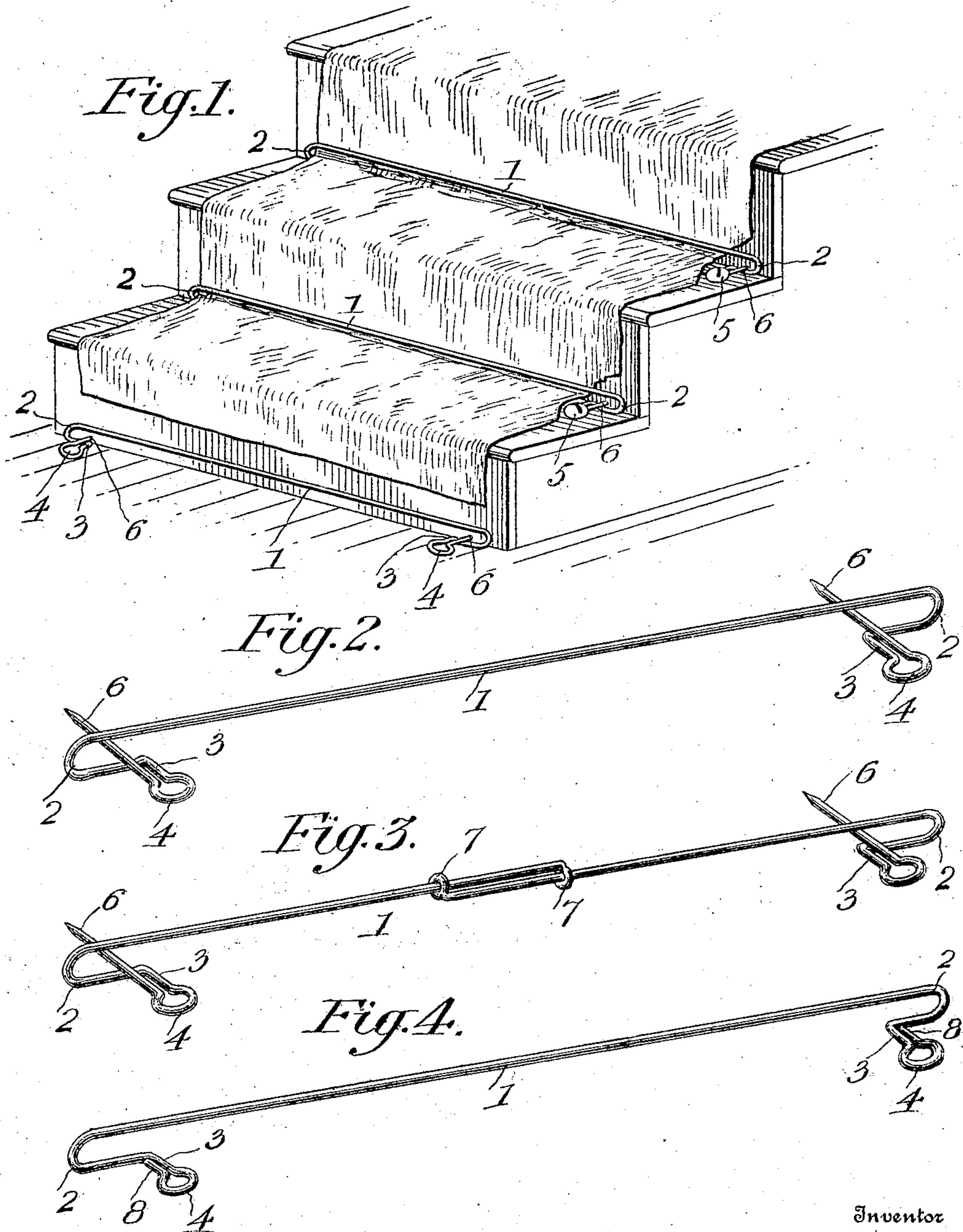


No. 848,574.

PATENTED MAR. 26, 1907.

P. J. A. SMITH.  
STAIR ROD.

APPLICATION FILED AUG. 24, 1906.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## STAIR-ROD.

No. 848,574.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed August 24, 1906. Serial No. 331,919.

*To all whom it may concern:*

Be it known that I, PATRICK J. A. SMITH, a citizen of the United States, residing at Washington, in the District of Columbia, have invented a certain new and useful Improvement in Stair-Rods, of which the following is a full, clear, and exact description.

This invention relates to rods for securing carpet to stairs and which are commonly called "stair-rods."

The object of the invention is to provide a simple, cheap, easily-constructed, and efficient stair-rod and also to provide a stair-rod which may be permanently attached to the stairs, it simply being necessary to thread the stair-carpet through the rods when it is desired to place the carpet upon the stairs.

A further object of the invention is to provide a stair-rod wherein the fastening devices are concealed by the carpet.

The invention consists of a stair-rod constructed of a bar or rod having its ends returned to form edge pockets for the carpet and bent to form suitable fastening devices for securing the rod in place, all as I will proceed now more particularly to set forth and finally claim.

In the accompanying drawings, illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is a perspective view of a portion of a stairway with the invention applied thereto, a portion of the carpet being cut away to expose the fastening devices. Fig. 2 is a perspective view. Fig. 3 is a perspective view of an extensible rod constructed in accordance with my invention. Fig. 4 is a perspective view of a modified form.

In carrying out my invention I construct the rod of a bar or rod 1 of suitable length and of any desired shape in cross-section and having its ends returned for a short distance to form pockets 2 for the edges of the carpet and the terminal ends of the rod or bar bent to form suitable fastening devices for securing the rod in place.

In the preferred form the ends of the rod are bent substantially at right angles, as at 3, to the vertical plane of the edge pockets 2 and then turned outwardly to form eyes 4 for the reception of screws or other suitable fastenings 5, as shown in Fig. 1, the end of the rod or bar extending across and preferably above the returned portion of the rod to the

opposite side of the rod and having its ends sharpened to constitute driving-points 6. As thus constructed it will be observed that each eye portion of the rod forms a foot or brace for the rod when secured in place.

When it is desired to secure the rod in place upon the stairs, the rod is suitably placed upon the tread of the stairs and the driving-points 6 driven into the risers, as indicated by the lowermost rod in Fig. 1, and when driven to the proper position the screws 5 or other suitable fastening devices are passed through the eyes 4 and driven to place. With the rod thus in place it will be observed that in order to place the carpet upon the stairs it is simply necessary to thread the carpet through the rods, the edges of the carpet fitting well into the edge pockets of the rod and over the fastening devices, thereby concealing such fastening devices.

It is obvious that the rod may be constructed in different lengths in order to accommodate carpets of different widths. So, also, it is obvious that the rod may be made extensible, and as an illustration of an extensible rod constructed in accordance with my invention I have shown in Fig. 3 the rod divided centrally, the ends of the divided portions of the rod being provided with eyes 7, slidably connected with the opposing portions of the rod, whereby the rod may be extended or contracted to any desired length to accommodate carpets of different widths.

In the modified form of the invention shown in Fig. 4 the driving-points 6 are omitted and the eye portions end at 8, next to the pockets, the construction otherwise being as hereinbefore described.

As above described, the rods are first secured in place upon the stairs and the carpet then threaded through the rods, and with this construction it is obvious that should it be desired to place a tracker upon the carpet this also may be put in place by threading the same through the rods.

As herein stated, the rod may be permanently attached to the stairs and the carpet readily put in place and removed without detaching the rod or its fastening devices; but it is obvious that the rod may be readily detached from the stairs by simply removing the screws or other fastening devices and prying out the driving-points.

I wish to be understood as not limiting my



invention to the exact details of construction herein shown and described, as the construction may be changed in various particulars and still be within the scope of my invention.

5 What I claim is—

1. A stair-rod for carpets, constructed of a rod having its opposite ends returned to form edge pockets for the carpet, and provided with suitable fastening devices.
- 10 2. A stair-rod for carpets, constructed of a rod having its opposite ends returned to form edge pockets for the carpet, and terminating in fastening devices for securing the rod in place.
- 15 3. A stair-rod for carpets, constructed of a rod having its opposite ends returned to form edge pockets for the carpet, and bent at right angles to the vertical plane of said edge pockets to constitute fastening devices for  
20 securing the rod in place.
4. A stair-rod for carpets, constructed of a rod having its opposite ends returned to form edge pockets for the carpet, and bent at right angles to the vertical plane of the edge pockets  
25 and formed as eyes to receive screws or other fastening devices.
5. A stair-rod for carpets, constructed of a rod having its ends returned to form edge

pockets for the carpet, and bent at right angles to the vertical plane of the edge pockets and formed as eyes upon one side of the rod, and extended across the returned portion of the rod and terminating in driving-points on the opposite side of the rod. 30

6. A stair-rod for carpets, constructed of a rod having its ends returned to form edge pockets for the carpet, and bent at right angles to the vertical plane of the edge pockets and formed as eyes upon one side of the rod, and extended across and above the returned portion of the rod and terminating in driving-points on the opposite side of the rod. 35 40

7. A stair-rod for carpets, constructed of a rod having its opposite ends returned to form edge pockets for the carpet and terminating in fastening devices, the said rod being divided between its ends and slidably connected, whereby the rod may be adjusted to fit carpets of different widths. 45 50

In testimony whereof I have hereunto set my hand this 24th day of August, A. D. 1906.

PATRICK J. A. SMITH.

Witnesses:

EDWIN A. FINCKEL,  
C. W. FOWLER.