

No. 784,683.

PATENTED MAR. 14, 1905.

S. KAHN.  
STAIR CARPET FASTENER.  
APPLICATION FILED APR. 11, 1904.

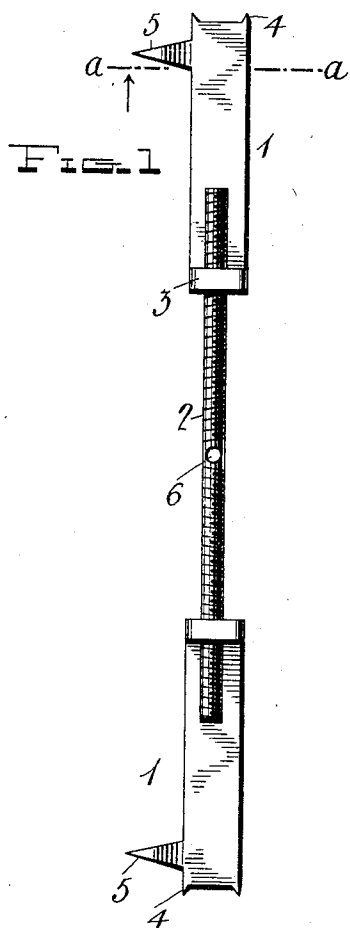


FIG. 1



FIG. 3

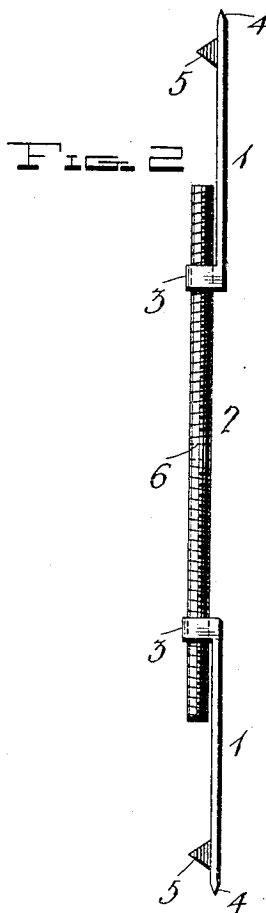


FIG. 2

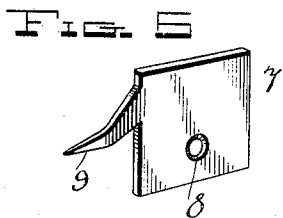


FIG. 5

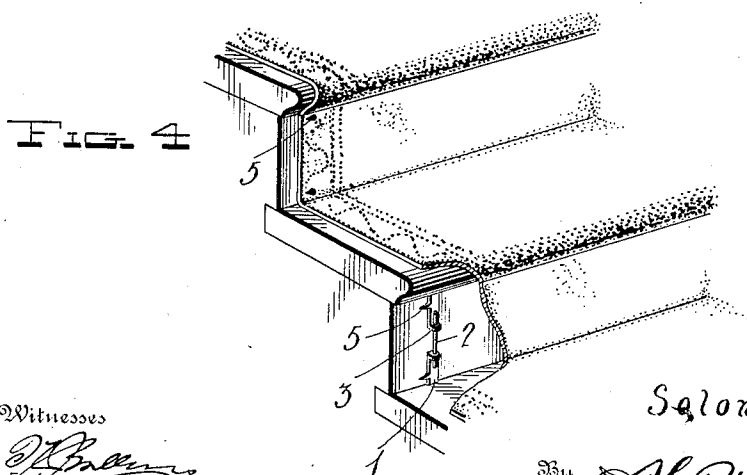


FIG. 4

Witnesses

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# UNITED STATES PATENT OFFICE.

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## STAIR-CARPET FASTENER.

SPECIFICATION forming part of Letters Patent No. 784,683, dated March 14, 1905.

Application filed April 11, 1904. Serial No. 202,641.

*To all whom it may concern:*

Be it known that I, SOLOMON KAHN, a citizen of the United States, residing at Cadillac, in the county of Wexford and State of Michigan, have invented certain new and useful Improvements in Stair-Carpet Fasteners: and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improved stair-carpet fastener adapted for use in fastening stair-carpets without injury to the same and without marring or otherwise injuring the stairs; and it consists in the construction, combination, and arrangement of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is an elevation of a stair-carpet fastener embodying my improvements. Fig. 2 is a similar view at right angles to Fig. 1. Fig. 3 is a detail sectional view taken on the plane indicated by the line *a a* of Fig. 1. Fig. 4 is a perspective view showing my improved stair-carpet fastener in use, and Fig. 5 is a perspective view of a modified form of stair-carpet fastener.

My improved stair-carpet fastener comprises a pair of heads 1 and an adjusting and connecting screw 2. Each head 1 is preferably of the form here shown, is provided at its inner end with a lug 3, which projects from the inner side thereof, has prongs or points 4 at its outer end adapted to engage the upper side of a step and the under side of a nosing of the next step above, and each of the said heads is further provided near its outer end with a laterally-extending inturned prong 5, which projects from the outer side thereof.

The screw 2 has its opposite ends reversely screw-threaded and engage with correspondingly-threaded openings in the lugs 3 of the heads. The said screw is here shown as provided with a central opening 6 for the insertion of an instrument whereby the said screw may be turned to move the heads toward or from each other, according to the height of the riser.

In practice a pair of my improved fasteners

are employed in connection with the riser of each step. The heads of the fasteners bearing against the face of the riser, the prongs 4 thereof engage the surface of one step and the nosing the next step above, and the prongs 5 project radially from the outer sides of the respective fasteners, the latter being spaced apart appropriately to correspond with the width of the step-carpet. The stair-carpet is attached to the fasteners by engaging the prongs 5 of the latter with the carpet near its edges, the said prongs preferably being formed through the fabric of the carpet, so that the points of the prongs lie on the outer side of the carpet, as shown in Fig. 4.

It will be understood that the carpet entirely covers and conceals the fasteners excepting as to the points of the prongs 5 of the fasteners. It will be further understood that the engagement of the prongs 4 with the stairs in addition to the action of the screws 2 in adjusting and setting the fasteners enables the latter to be firmly secured to the stairs. Where the fasteners are to be used on stone or iron stairs, the outer ends of the heads thereof may be provided with rubber or other suitable frictional engaging tips in lieu of the prongs 4.

In Fig. 5 I show a modified form of stair-carpet fastener, comprising a plate 7, having an opening 8 for a screw-head, which may be readily attached to the stair-riser, and provided with a prong 9 to engage the carpet, as herebefore described.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

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

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

1. A stair-carpet fastener having means to secure it against a stair-riser and having an outwardly-projecting prong adapted to be in-

serted in the carpet to secure the latter to the stair-riser.

2. A stair-carpet fastener comprising heads having outwardly-projecting prongs disposed  
5 transversely with reference thereto and adapted to be inserted in the carpet, and an adjusting-screw connecting said heads to secure them against a stair-riser and between the latter and the carpet.

10 3. A stair-carpet fastener comprising heads having outwardly-projecting prongs to en-

gage the carpet and a right and left handed adjusting-screw connecting the said heads, substantially as described.

In testimony whereof I have hereunto set  
15 my hand in presence of two subscribing witnesses.

SOLOMON KAHN.

Witnesses:

FRED S. LAMB,  
S. W. KRAMER.