

(No Model.)

G. F. MURDOCK.
STAIR CARPET FASTENER.

No. 602,348.

Patented Apr. 12, 1898.

FIG. 1.

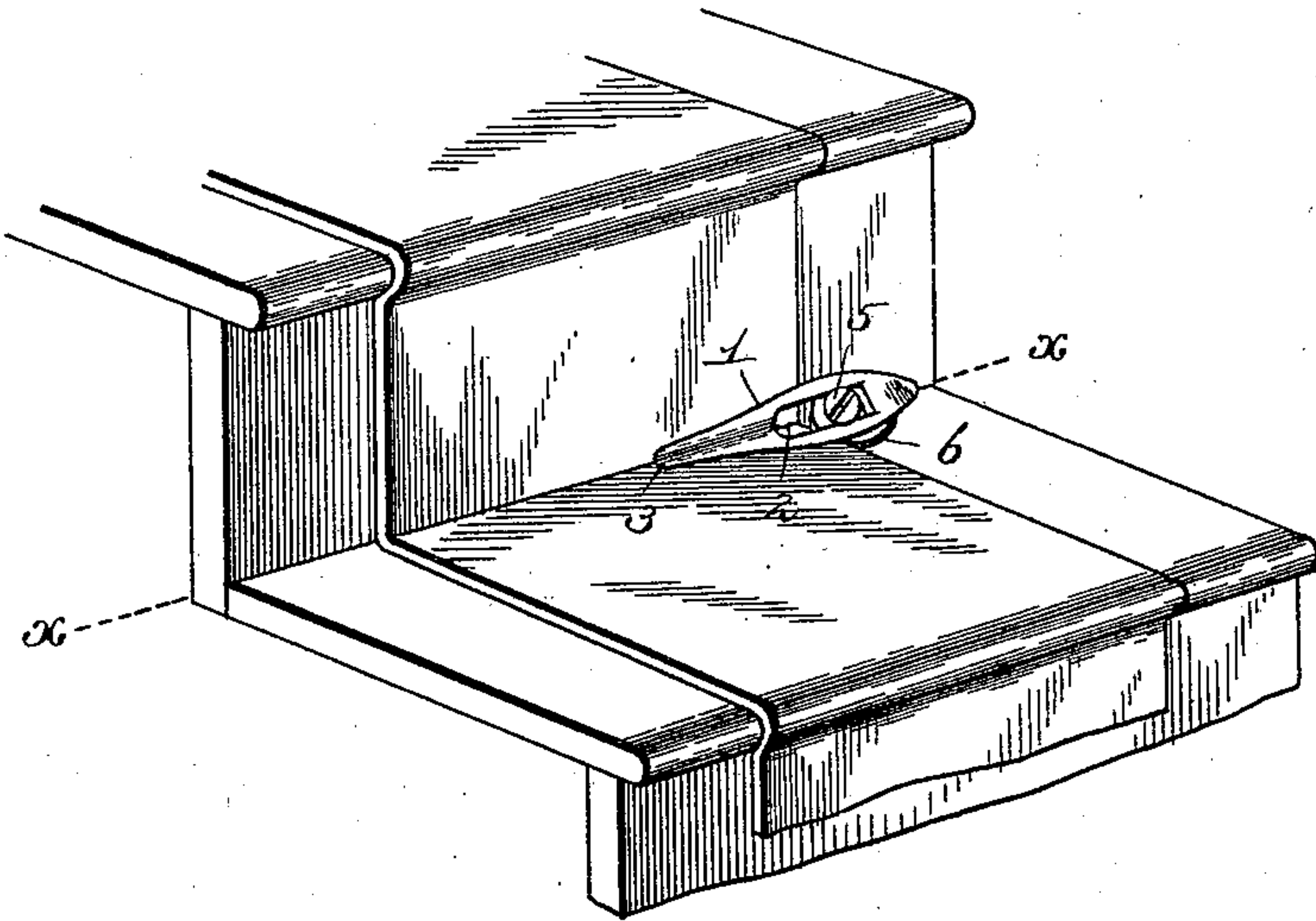


FIG. 2.

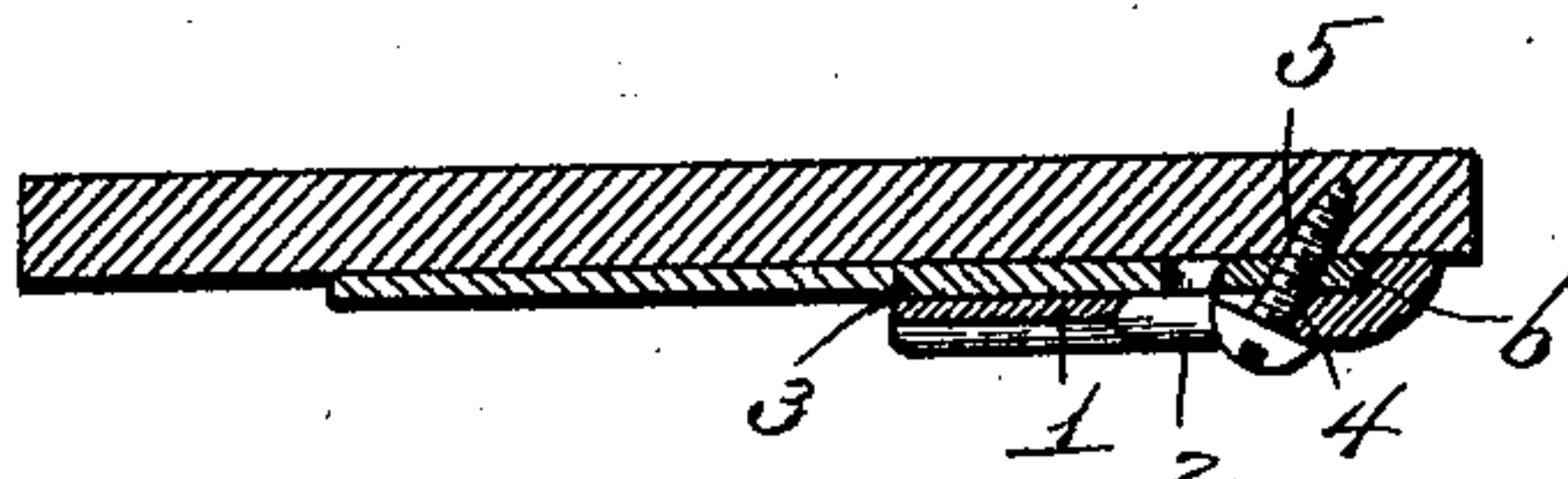


FIG. 3.

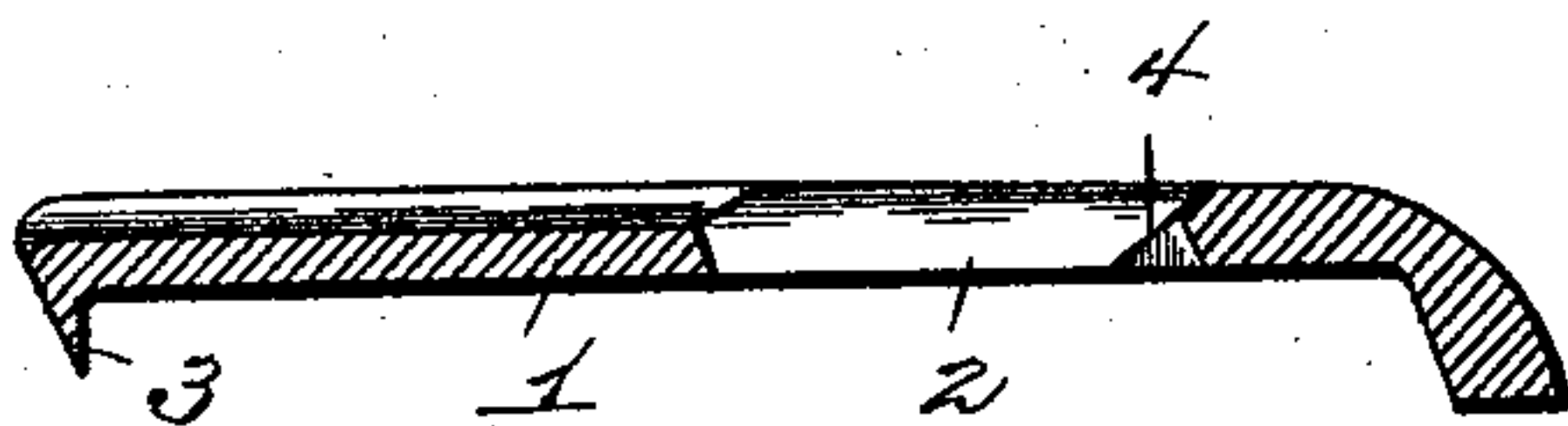


FIG. 4.

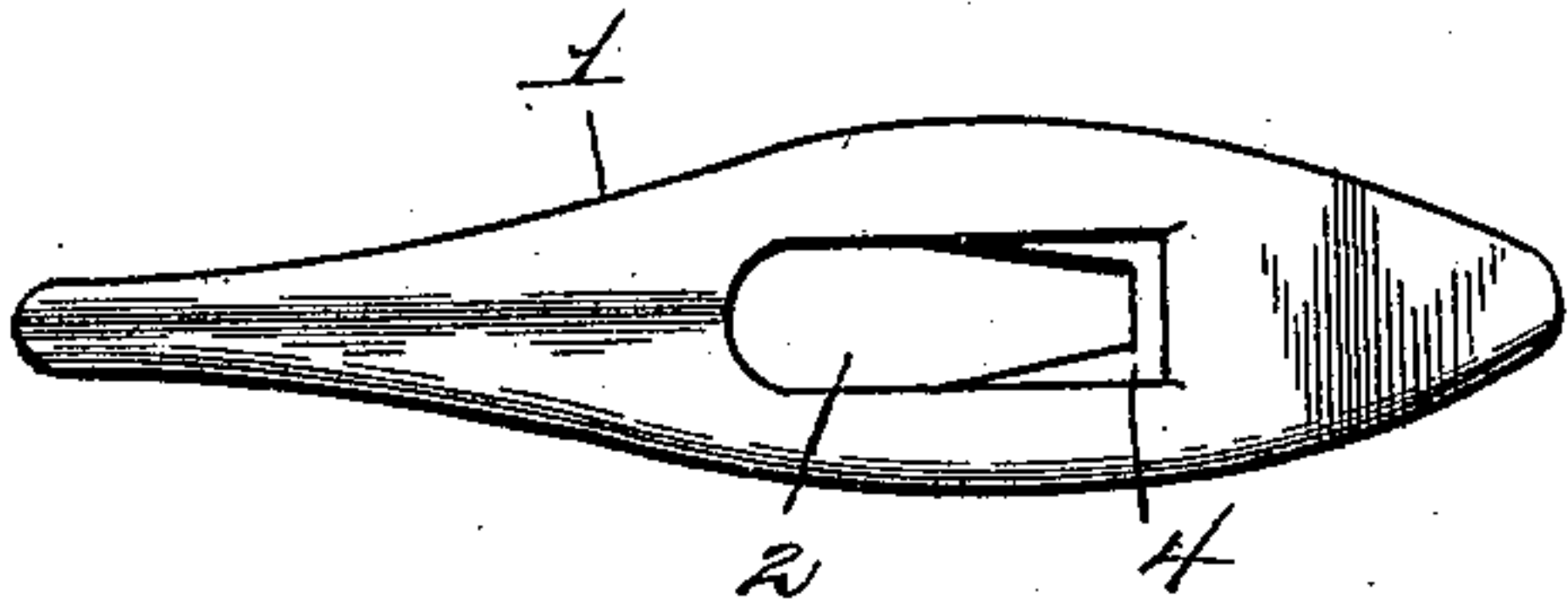
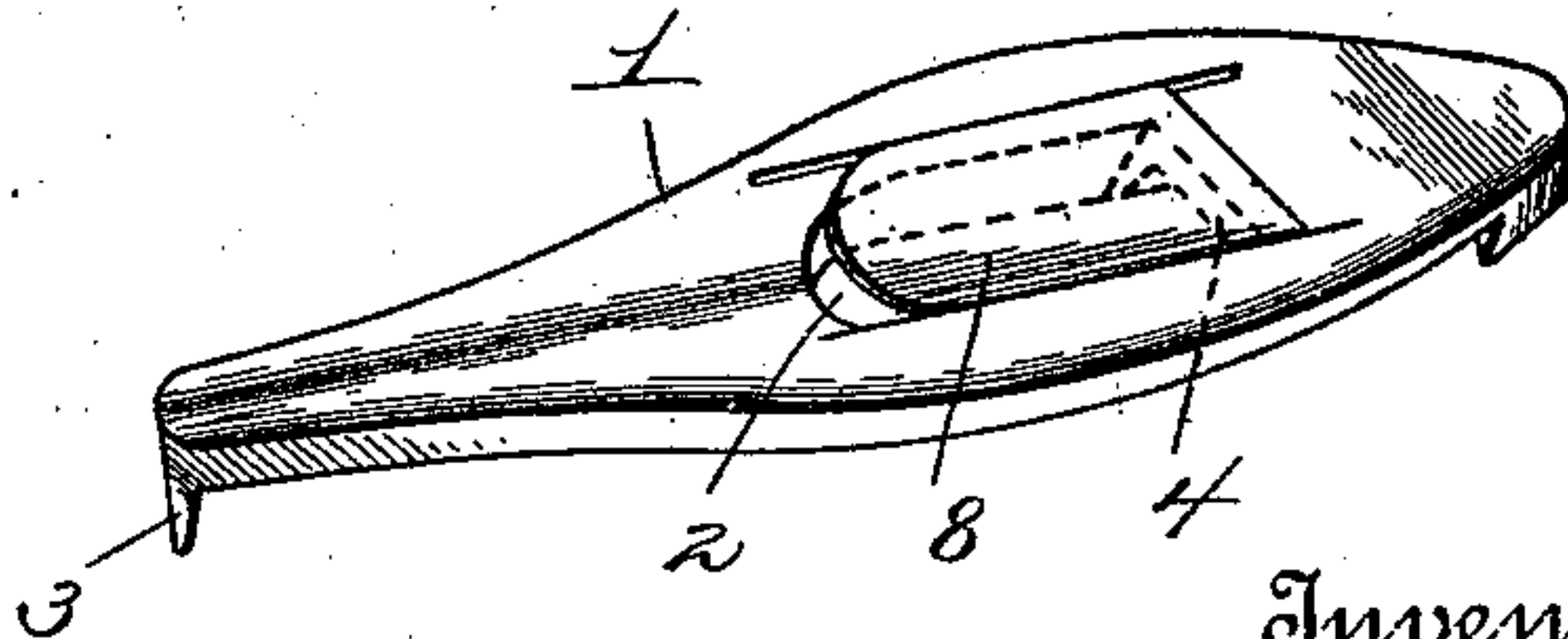


FIG. 5.



Witnesses
Harry L. Amer.
Victor J. Evans

Inventor
George F. Murdock.
By John Wedderburn.
Attorney

UNITED STATES PATENT OFFICE.

GEORGE F. MURDOCK, OF WELLSVILLE, OHIO.

STAIR-CARPET FASTENER.

SPECIFICATION forming part of Letters Patent No. 602,348, dated April 12, 1898.

Application filed April 26, 1897. Serial No. 633,961. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. MURDOCK, a citizen of the United States, residing at Wellsville, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Fastening Devices for Carpets; and I do hereby 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 relates to fastening devices for carpets, the object of the same being to provide a simple and cheaply-constructed device for holding stair-carpets in place which may be readily applied and which will also serve as a stretcher for the carpet in the act of securing the same in place.

My improved fastener is made up of a bar of metal, wood, or other suitable material having a keyhole-slot therein, with a downwardly-projecting prong upon the inner end thereof and a diagonally-arranged bearing-surface for the securing-screw at the end of the contracted portion of the keyhole-slot.

The invention also consists in other details of construction and combinations of parts, which will be hereinafter more fully described and claimed.

In the drawings forming a part of this specification, Figure 1 represents a perspective view of my device applied. Fig. 2 is a longitudinal section on the line $x\ x$ of Fig. 1. Fig. 3 is a similar view of the same detached. Fig. 4 is a top plan view of the same. Fig. 5 is a perspective view of a modified form of the invention, showing the covering-plate for the securing-screw.

Like reference-numerals indicate like parts in the different views.

My improved fastener is made up of a bar 1, of metal, wood, or other suitable material, having angularly-arranged inner surfaces to conform to the shape of the corners of the steps to which the device is to be applied, and provided with a keyhole-slot 2 therein whose narrow contracted portion is adjacent to the outer end of the bar 1. Upon the inner end of said bar is a downwardly-extending prong or tooth 3, which is adapted to engage the outer surface of the carpet for a purpose which will hereinafter appear. The top sur-

face of the bar 1, at a point adjacent to the contracted portion of the keyhole-slot 2, is diagonally arranged with respect to the longitudinal diameter of said bar, as shown at 4, so that when the securing-screw 5 is applied it will serve to force said bar outwardly, drawing with it the carpet. Located beneath the bar 1 and secured to the step at the angle between the horizontal and upright portion thereof is a wear-plate 6, through which the securing-screw 5 passes.

In using my device when the screw 5 is first applied the same will be inserted diagonally, as clearly shown. The bar 1 is then placed upon the top surface of the carpet, the enlarged portion of the keyhole-slot 2 permitting the passage of the head of the screw 5 therethrough. Said bar is then forced inwardly and the screw 5 seated. In the act of doing this the prong or tooth 3 is forced down into close engagement with the upper surface of the carpet, and said bar is then forced outwardly by reason of the engagement of the head of the screw 5 with the diagonally-arranged bearing-surface 4. This stretches the carpet outwardly, and as the contracted portion of the slot 2 is narrower than the head of the screw 5 it is impossible for the fastening device to become detached.

In Fig. 5 of the drawings I have shown a modification of my invention in which is employed upon the upper surface of the bar 1 a sliding plate 8, designed for the purpose of covering the head of the screw 5 when the device is in position.

The invention is extremely simple in construction, can be cheaply made, is readily and conveniently applied, and when in place will hold the carpet firmly and securely.

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

1. A fastening device for carpets, consisting of a bar having an engaging prong upon the under side thereof, and a slot therein, said bar being provided with a diagonally-arranged face at a point adjacent to the outer end of said slot, against which the head of the securing-screw is adapted to bear when the latter is being seated, as and for the purpose set forth.

2. A fastening device for carpets, consisting of a bar having a prong upon the under

side thereof and a keyhole-slot therein, said bar being provided with a diagonally-arranged face at a point adjacent to the contracted end of said slot, against which the head of the securing-screw is adapted to bear when the latter is being seated, as and for the purpose set forth.

3. A fastening device for carpets, consisting of a bar having an engaging prong upon the under side thereof, and a slot therein through which a securing-screw is adapted to be passed, said bar being provided with a diagonally-arranged face at a point adjacent to the outer end of said slot, which lies at right angles to the shank of said screw, and against which the head of said screw is adapted to bear, and a plate slidingly mounted in said bar and adapted to cover the head of said screw, as and for the purpose set forth.

4. In a device of the character set forth, the combination with a wear-plate secured to the step at the angle between the horizontal and vertical portions thereof, of a bar having a keyhole-slot therein, a prong at the inner end thereof adapted to engage the top surface of the carpet, and a diagonally-arranged face adjacent to the contracted portion of said slot, and a screw passing through said wear-plate, diagonally, whose head is adapted to bear against the diagonally-arranged face of said bar, as and for the purpose set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

GEORGE F. MURDOCK.

Witnesses:

JNO. W. RILEY,
HENRY THORN.