(No Model.)

W. T. DANNER.

CARPET FASTENER.

No. 593,201. Patented Nov. 9, 1897.

Fig. 1.

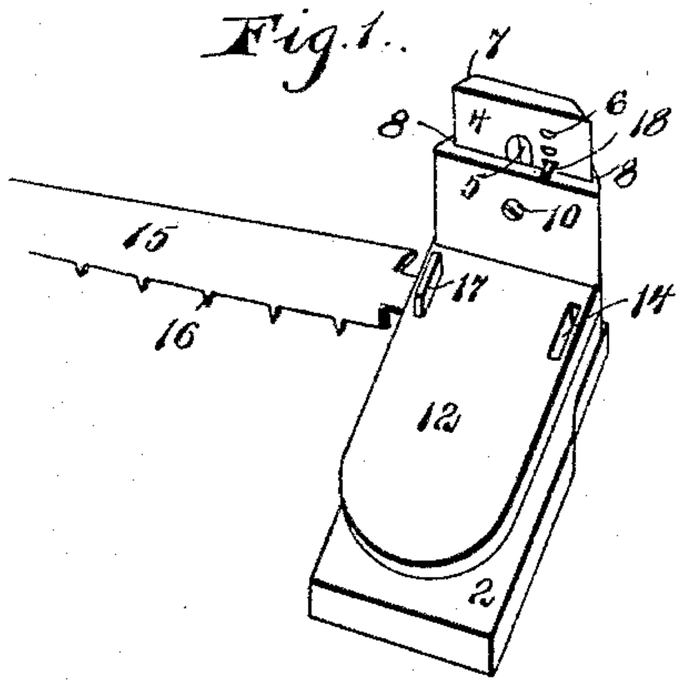


Fig. 2.

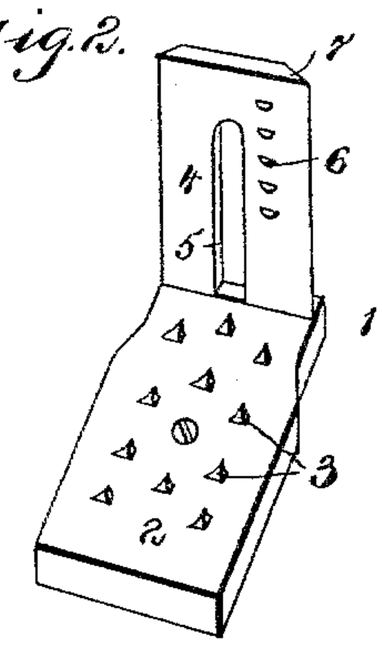


Fig. 3.

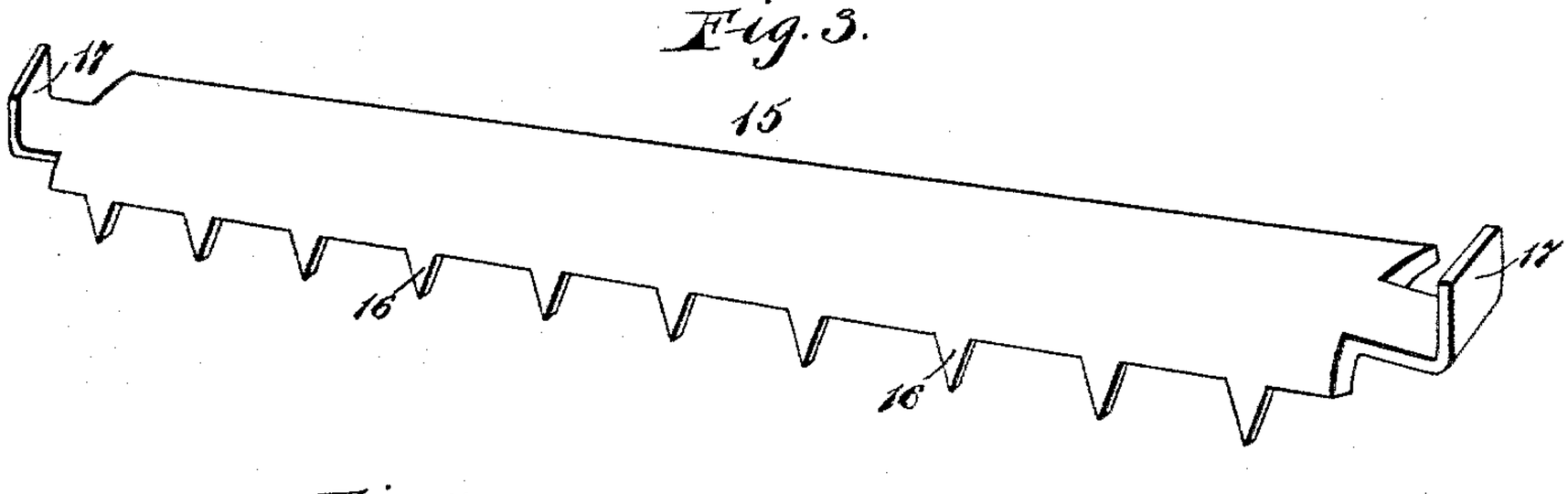


Fig. 4.

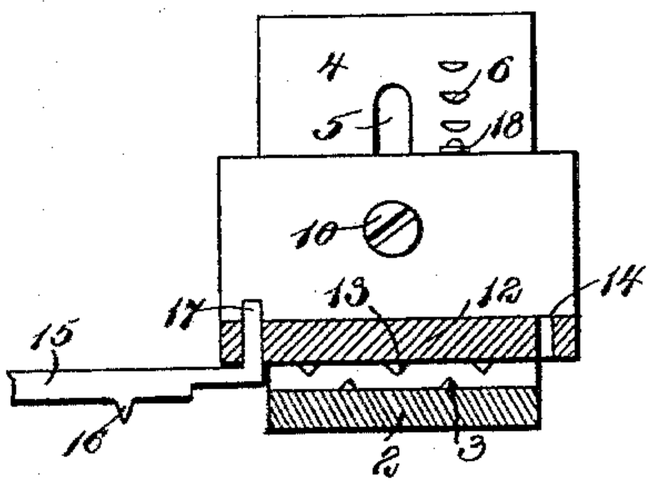


Fig. 5.

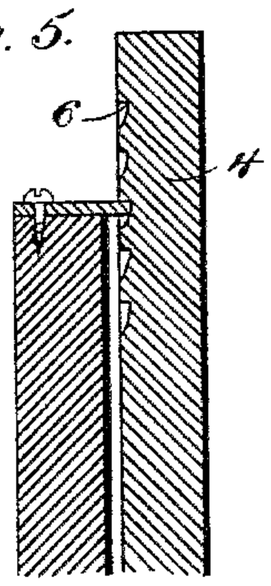
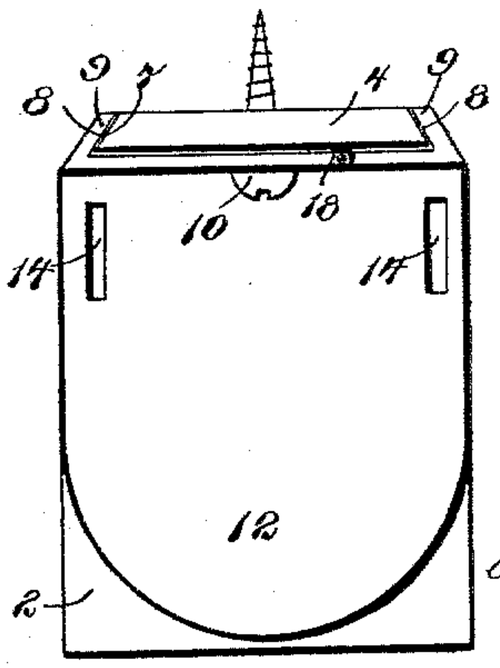


Fig. 6



Witnesses
C. Bradway.
Victor J. Evans

Inventor
Washington I. Danner.
By John Wedderburn.
Attorney

UNITED STATES PATENT OFFICE.

WASHINGTON T. DANNER, OF BURLINGTON, IOWA.

CARPET-FASTENER.

SPECIFICATION forming part of Letters Patent No. 593,201, dated November 9, 1897.

Application filed April 8, 1897. Serial No. 631,199. (No model.)

To all whom it may concern:

Be it known that I, WASHINGTON T. DANNER, a citizen of the United States, residing at Burlington, in the county of Des Moines and State of Iowa, have invented certain new and useful Improvements in Carpet-Fasteners; 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.

This invention relates to carpet-fasteners; and the object in view is to dispense with tacks and similar fastenings and to provide in lieu thereof a practically continuous fastening device which will secure the edges of the carpet in an effective manner and prevent the same from sagging or pulling away from the base-board.

The detailed objects and advantages of the invention will be pointed out in the subjoined description.

The invention consists in an improved carpet-fastener embodying certain novel features and details of construction hereinafter specifically set forth, illustrated in the drawings, and incorporated in the claims hereto appended.

In the accompanying drawings, Figure 1 is a perspective view showing the complete fastening device in its applied position. Fig. 2 is a detail perspective view of the stationary member of the fastener. Fig. 3 is a similar view of the toothed strip for engaging the carpet at points intermediate the stationary members of the fastening. Fig. 4 is a detail section showing the stationary and sliding members and the manner of connecting the fastening-strips thereto. Fig. 5 is a detail vertical section showing the operation of the dog carried by the sliding member. Fig. 6 is a plan view of the stationary and sliding members, showing their dovetailed connection.

Similar numerals of reference designate corresponding parts in all the views.

Referring to the drawings, 1 designates the stationary member of the fastening device, which consists of a horizontal plate or portion 2, provided on its upper surface with upwardly-extending and inwardly-inclined spurs 3 for engaging the carpet on its under side. This member of the device also comprises an upright portion 4, which is provided with a vertical slot 5, and which has at one side of the slot a vertical series of notches 6, the purpose of which will hereinafter appear. The upright portion 4 has its opposite edges beveled, as indicated at 7, upon their rear sides, so as to engage the dovetailed portion 8 of the sliding member of the device. The dovetailed portion 8 comprises at its rear side oblique lips 9, which engage the beveled edges 7 of the upright 4, so that the adjustable member of the device may be slid up and down, so as to engage the carpet or disengage the same, while at the same time relative movement between the two members of the device in any other direction is prevented. A screw 10 passes through an opening in the dovetailed portion 8 and through the slot 5 of the upright portion 4 of the stationary member and then into the base-board, whereby, when the parts are adjusted into the desired relation, they may be bound by tightening the screw 10. The sliding member comprises a horizontal portion 12, which lies over the similar portion 2 of the stationary member, and which is provided on its under side with depending inwardly-inclined spurs 13 for engaging the upper surface of the carpet. The portion 12 is also provided at or near its side edge with slots 14 for the reception of the upturned ends of the fastening-strips.

Each of the fastening-strips (indicated at 15) is preferably composed of sheet metal, which is slightly concavo-convex in cross-section, having a rounded upper surface and a concaved lower surface and provided along its longitudinal edges with depending spurs or teeth 16 for engaging the edge of the carpet at spaced points. The opposite ends of the strip 15 are upturned to form lips 17, which are adapted to be inserted in the slots 14 of the sliding member, whereby when the sliding member is forced downward the strips 15 will be forced in a corresponding direction and act to firmly engage the carpet and retain the same close to the washboard.

In operation, after the stationary members 1 have been fastened to the floor by any suit-

able attaching means passing through an opening in the portion 2 of the device, the carpet is placed over and in engagement with the spurs 3. The sliding members are now placed upon the stationary members and moved downward. The strips 15 are placed between the stationary members of the device and the upturned ends 17 thereof are engaged with the slots 14 from the under side. The sliding members are now depressed, and while they themselves engage the carpet they will also force the strips 15 into engagement with the carpet, and it will thus be seen that the edge of the carpet is pinned down to the floor at short intervals, thereby obviating the sagging or pulling of the carpet away from the washboard.

18 designates a dog which is pivoted at one end to the top of the dovetailed portion 8 of the sliding member, one end of the dog being arranged to enter any one of the notches 6 in the upright 4 for holding the sliding member depressed. When the sliding member is moved upward, the dog may rest at its upper end upon the top edge of the upright 4, and thus uphold the sliding member while placing the carpet in position. After the carpet is placed in position it is only necessary to depress the sliding member, whereupon the dog will engage one of the notches 6 and prevent the sliding member from again moving upward until the dog is turned by the finger or other suitable means.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a carpet-fastener, the combination with a stationary member adapted to underlie the edge of the carpet and provided with teeth on its upper side, of a sliding member mounted on an upward extension of the stationary member and provided with teeth on its under side, and a dog carried by the sliding member and adapted for engagement with the stationary member whereby the parts are held in their adjusted positions, substantially as described.

2. In a carpet-fastener, the combination with a stationary member provided with teeth on its upper side and having an upright portion provided with beveled edges, of a sliding member having a dovetailed portion with undercut edges for engaging the upright portion of the stationary member, and means for holding the sliding member in its adjusted position, substantially as described.

3. In a carpet-fastener, a stationary member, in combination with a sliding member mounted thereon and provided with openings or slots, and a toothed strip provided at its end with a lip for engagement with one of said openings or slots, substantially as described.

4. In a carpet-fastener, a strip of sheet metal provided along its longitudinal edges with depending teeth and having its end portions upturned, substantially as and for the purpose described.

5. In a carpet-fastener, a metal strip having a concavo-convex shape in cross-section and provided along its longitudinal edges with depending teeth or spurs, the ends of said strip being upturned to form engaging lips, substantially as described.

6. In a carpet-fastener, a stationary member adapted to underlie the edge of the carpet, a sliding member movable up and down upon an extension of the stationary member and adapted to overlie the edge of the carpet, and a dog carried by the sliding member and having its free end adapted to engage notches in the stationary member, substantially as described.

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

WASHINGTON T. DANNER.

Witnesses:
J. T. ILLICK,
MARY R. DANNER.