

(No Model.)

G. A. SEELY.
THRESHOLD.

No. 596,948.

Patented Jan. 4, 1898.

Fig. 1.

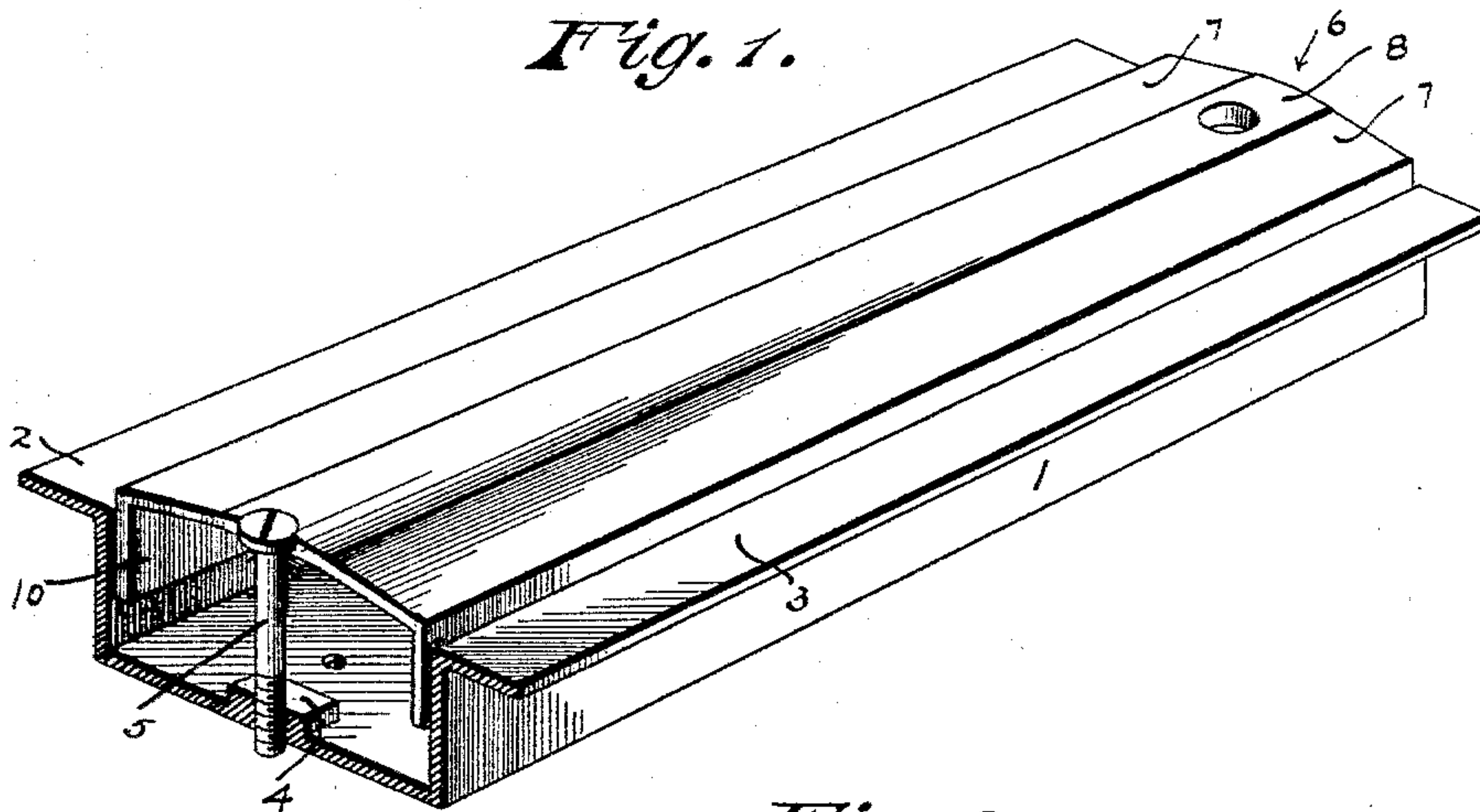


Fig. 2.

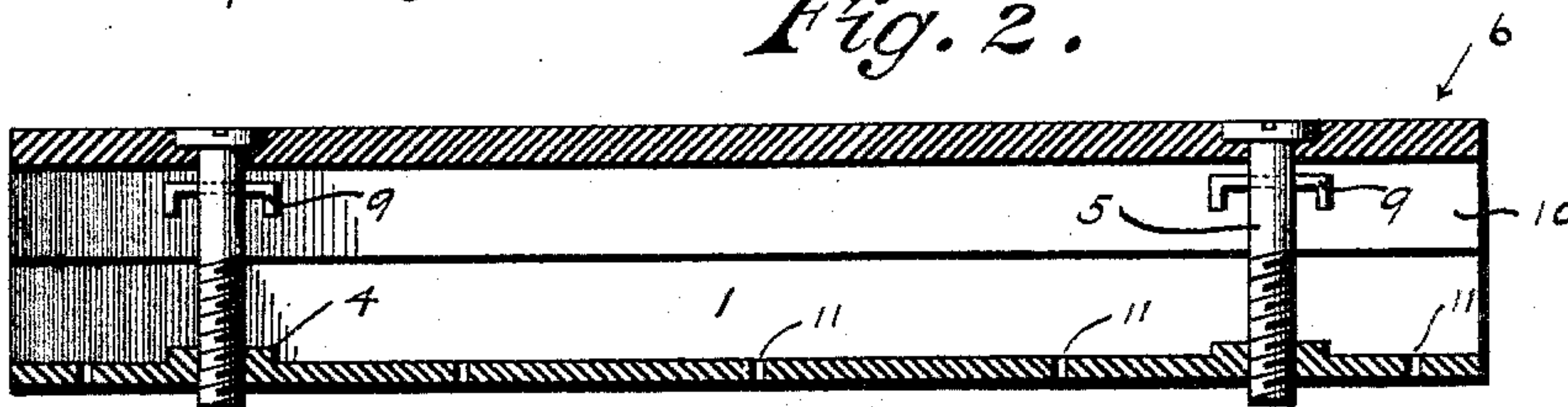


Fig. 3.

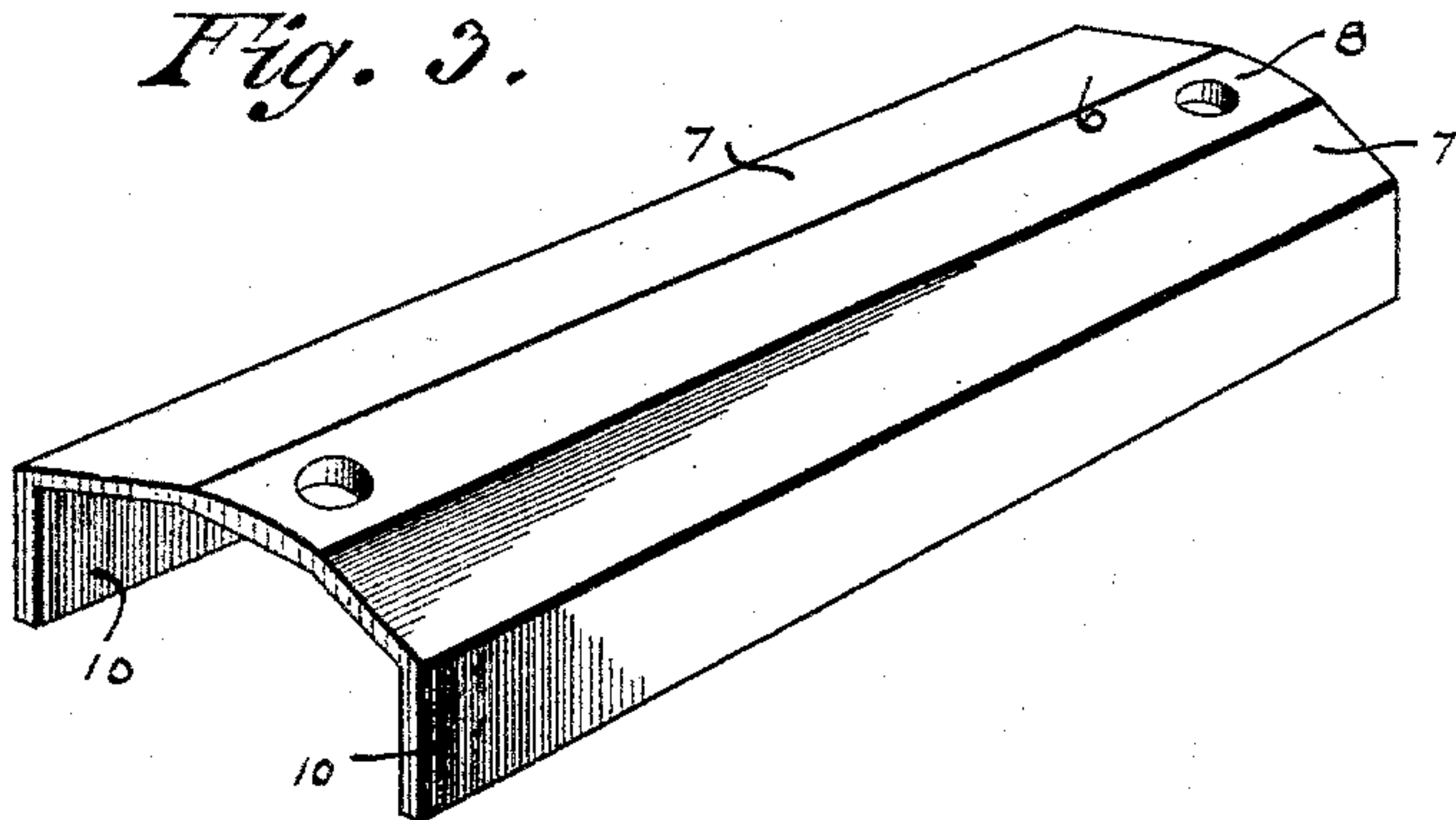
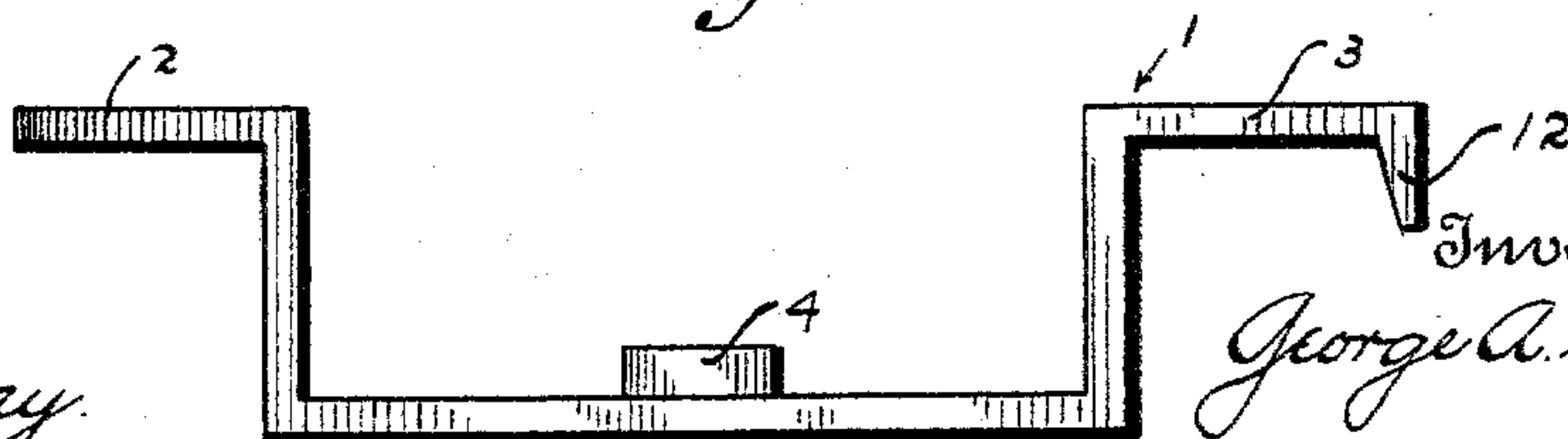


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

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THRESHOLD.

SPECIFICATION forming part of Letters Patent No. 596,948, dated January 4, 1898.

Application filed April 27, 1897. Serial No. 634,172. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. SEELY, a citizen of the United States, residing at Emmetsburg, in the county of Palo Alto and State of Iowa, have invented certain new and useful Improvements in Thresholds; 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 improvements in thresholds or door-sills; and it consists, essentially, of a specific adjustable section and also of the details of construction and arrangement of parts which will be more fully hereinafter described and claimed.

The object of the invention is to raise or lower the threshold at either end during certain seasons of the year to obviate the binding on the under side of a door, which arises from settling or heaving of walls, owing to changes in the weather and for other reasons.

In the accompanying drawings, Figure 1 is a sectional perspective view of a threshold or door-sill embodying the invention. Fig. 2 is a central longitudinal vertical section of the device. Fig. 3 is a detail perspective view of the adjustable attachment removed. Fig. 4 is a detail view of a modification of the box.

Referring to the drawings, wherein similar numerals of reference indicate corresponding parts in the several views, the numeral 1 designates a box substantially of rectangular form and open at the top. The said box has oppositely-projecting flanges 2 and 3 extending from the upper edges thereof at right angles and has the bottom thereof formed with suitable screw-seats 4 to receive the screw-threaded ends of adjusting-screws 5, having heads rotatably mounted in and exposed through an adjustable section 6, which is formed with inclines 7, extending from a central curved ridge 8. Under the ridge and extending through the upper unscrew-threaded portion of the screw or bolt 5 is a pin 9, extending from opposite sides and having the ends thereof bent down to prevent the withdrawal of the screw or bolt upwardly through the curved ridge 8, and prevents the said adjustable section from moving downwardly beyond a predetermined point. The adjustable

section also has depending flanges 10, which fit into and bear against the sides of the box 1, and in placing the device in position is so situated that it will center with the bottom of the door, which is to coact therewith, and if the device should conflict in any way with the construction of the door-framing it can be readily positioned by slightly cutting away the resisting parts, and in operation the movable section is raised to an elevation desired to take up the space between the bottom of the door and the same, and if the door binds at any point the movable section can be correspondingly lowered.

The material of which the two parts are to be constructed is malleable iron or analogous substance, which will resist wear; and in the bottom of the box a series of openings 11 are formed to permit water which may run into said box to freely pass away.

The device is adapted to be employed either with inside or outside doors, and in the case of ordinary doors two adjusting-screws would probably be sufficient. However, the number of the adjusting-screws employed will be regulated in accordance with the size of the door, and the device forms a very excellent sill or threshold for double doors. At one side of the box, as shown by Fig. 4, in connection with the flange 3 thereof, a dip-flange 12 is shown, which is adapted to be employed in connection with the box when the latter is used at certain points. This, however, can be readily dispensed with and will not affect the operation or the construction generally of the device as presented.

It is obviously apparent that many minor changes in the construction and arrangement of the several parts might be made or substituted for those shown and described without in the least departing from the nature or spirit of the invention.

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

1. In a threshold or door-sill of the character set forth, the combination of a box provided with vertical sides and upper horizontal flanges and having a movable section mounted therein, with a closed top and depending sides coacting with the vertical sides of the said box and adjusting-screws connecting said

movable section and box and adapted to be operated from the top of the movable section, substantially as and for the purposes specified.

- 5 2. In a threshold or door-sill of the character set forth, the combination of a box provided with upper horizontal flanges and having screw-seats at regular intervals therein, and openings through the bottom thereof, a
10 movable section mounted in said box, adjusting screws or bolts having their heads exposed through the upper part of said mov-

able section and engaging the screw-seats of the said box, and stops for said adjusting-screws, substantially as and for the purposes 15 specified.

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

GEORGE A. SEELY.

Witnesses:

E. B. SOPER,

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