

G. W. MARSH.
HINGE.

APPLICATION FILED MAY 29, 1903.

Fig. 1.

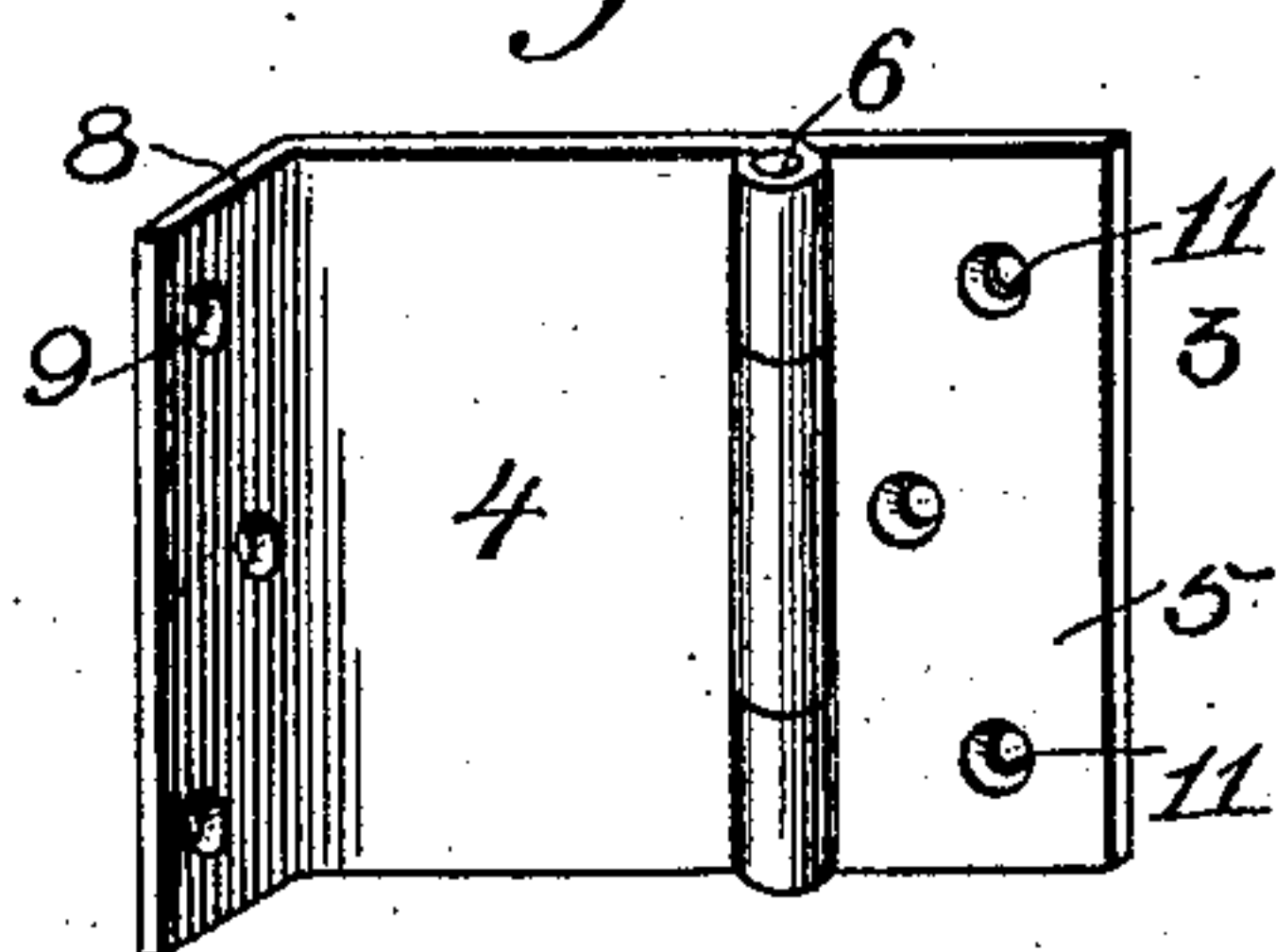


Fig. 3.

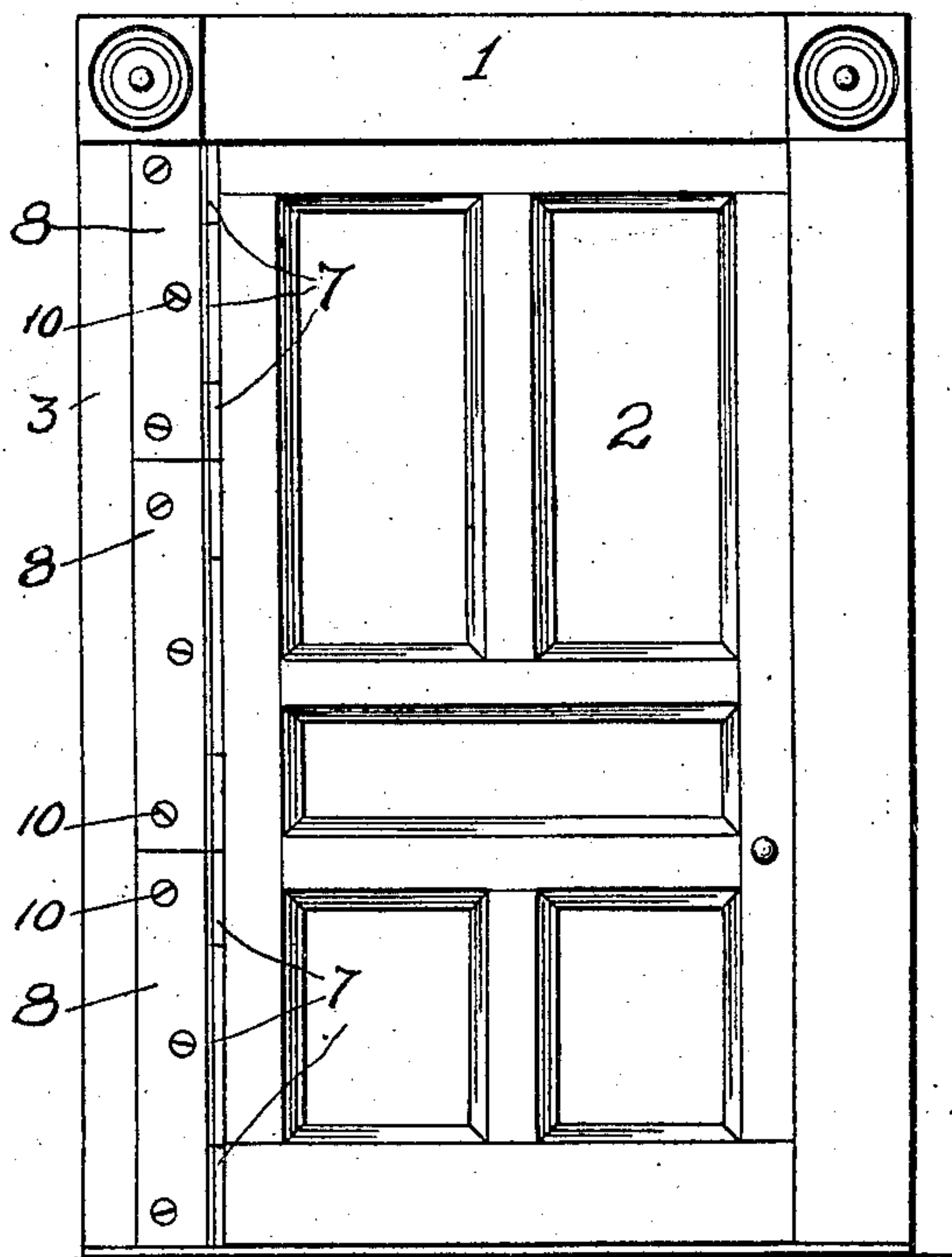
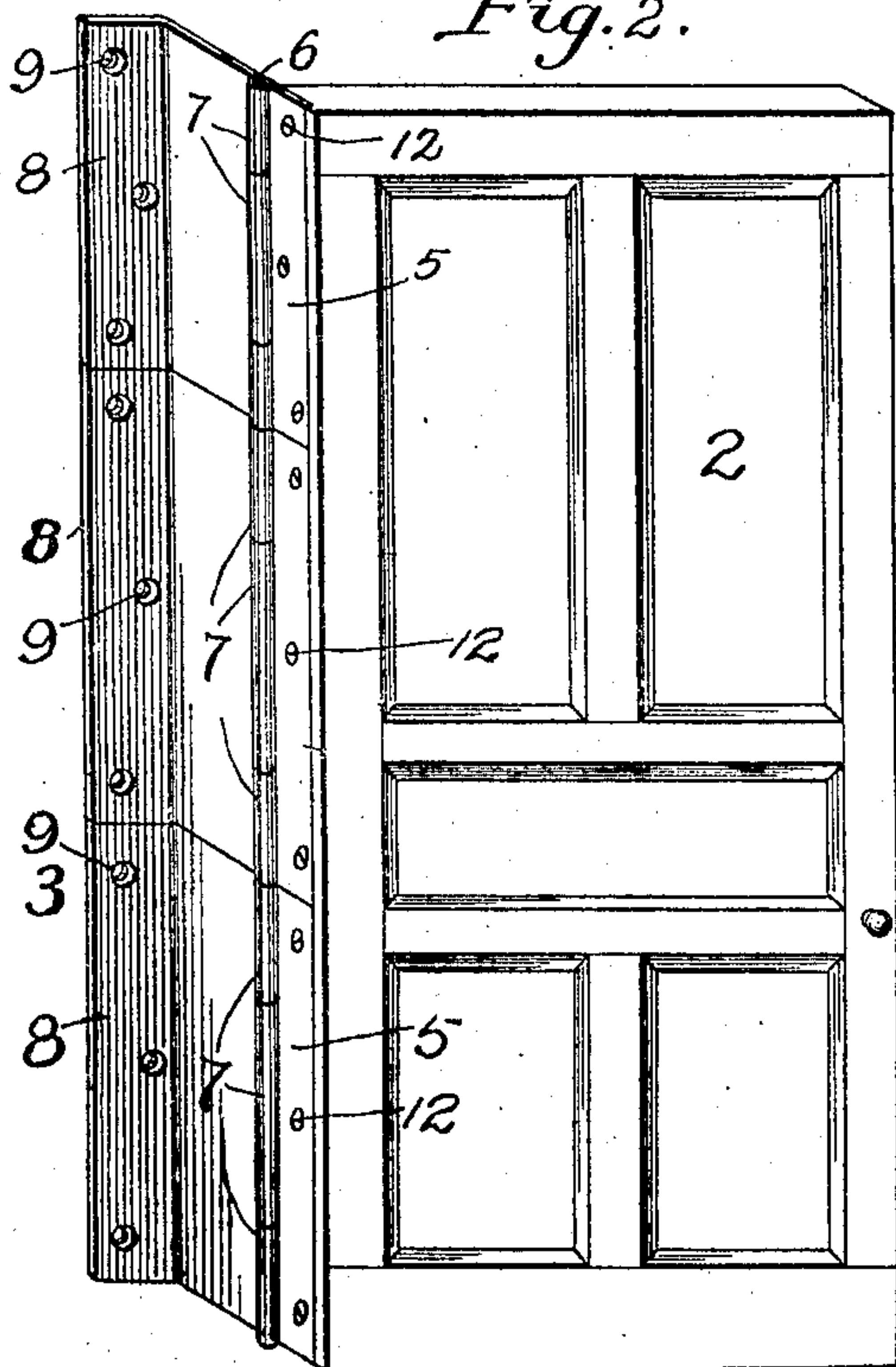


Fig. 2.



Witnesses:

George W. Marsh
James M. Tucker.

Inventor:

George W. Marsh

UNITED STATES PATENT OFFICE.

GEORGE W. MARSH, OF RALEIGH, NORTH CAROLINA.

HINGE.

No. 795,844.

Specification of Letters Patent.

Patented Aug. 1, 1905.

Application filed May 29, 1903. Serial No. 159,313.

To all whom it may concern:

Be it known that I, GEORGE W. MARSH, a citizen of the United States, residing at Raleigh, in the county of Wake and State of North Carolina, have invented a new and useful Improvement in Hinges, of which the following is a specification.

My invention relates to hinges, more particularly to hinges for doors.

It has for its object to provide a hinge for doors whereby they can be hung so as to entirely eliminate all chance of getting the fingers crushed between the door and casing.

It has for a further object to provide a hinge of the character described possessing advantages in point of simplicity, inexpensiveness, strength, and general utility.

In the drawings, Figure 1 is a perspective view of my hinge. Fig. 2 is a perspective view showing my hinge applied to a door, the door being unhung. Fig. 3 is a front view showing my hinge employed to hang a door.

Corresponding parts in all the figures are denoted by the same reference characters.

Referring to the drawings, 1 designates a casing, and 2 a door hung therein by means of my hinge 3, which comprises two leaves or plates 4 and 5, their inner edges meeting and having ears 7 projecting therefrom to one side of the hinge and a rod 6 passing through said ears, the inner leaf or plate 4 having a laterally-projecting plate 8, having holes 9 through which screws 10 are inserted and into the casing to secure the hinge thereto and the outer leaf or plate 5 having holes 11 through which screws 12 are inserted to secure the hinge to the edge of the door.

In hanging a door with my hinge the inner face of the outer leaf 5 is secured against the edge of the door, and the projecting portion 8 of the inner plate 4 is secured against the outer face of the door-casing, so as to adapt the outer leaf when the door is closed to lie in true transverse and vertical alinement with

the inner leaf and when the door is open to lie side by side with the inner leaf.

It will be understood that by hanging a door with my hinge in the manner described there is no crack left between the door and casing, as the hinge fills it up, that the edge of the door to which the outer leaf of the hinge is secured does not at any time come against the casing, and that the hinge is secured to the outside of the casing.

I do not desire to be understood as limiting myself to the details of construction and arrangement as herein described and illustrated, as it is manifest that variations and modifications may be made in the features of construction and arrangement in the adaption of the device to various conditions of use without departing from the spirit and scope of my invention and improvements. I therefore reserve the right to all such variation and modification as properly fall within the scope of my invention and the terms of the following claim.

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

A hinge for doors comprising two leaves pivoted together along their inner meeting edges the inner leaf having a laterally-projecting plate adapted to be secured to the outer face of a door-casing and the outer leaf constructed to have its inner face secured against the edge of a door whereby when the door is closed it will lie in true vertical and transverse alinement with the inner leaf and when the door is entirely open it will lie side by side with the inner leaf, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two witnesses.

GEORGE W. MARSH.

Witnesses:

GEORGE B. TAYLOR,
EDWARD B. TAYLOR.