

No. 884,146.

PATENTED APR. 7, 1908.

W. GOSSETT.
SCREEN HINGE.

APPLICATION FILED JAN. 14, 1907.

Fig. 1.

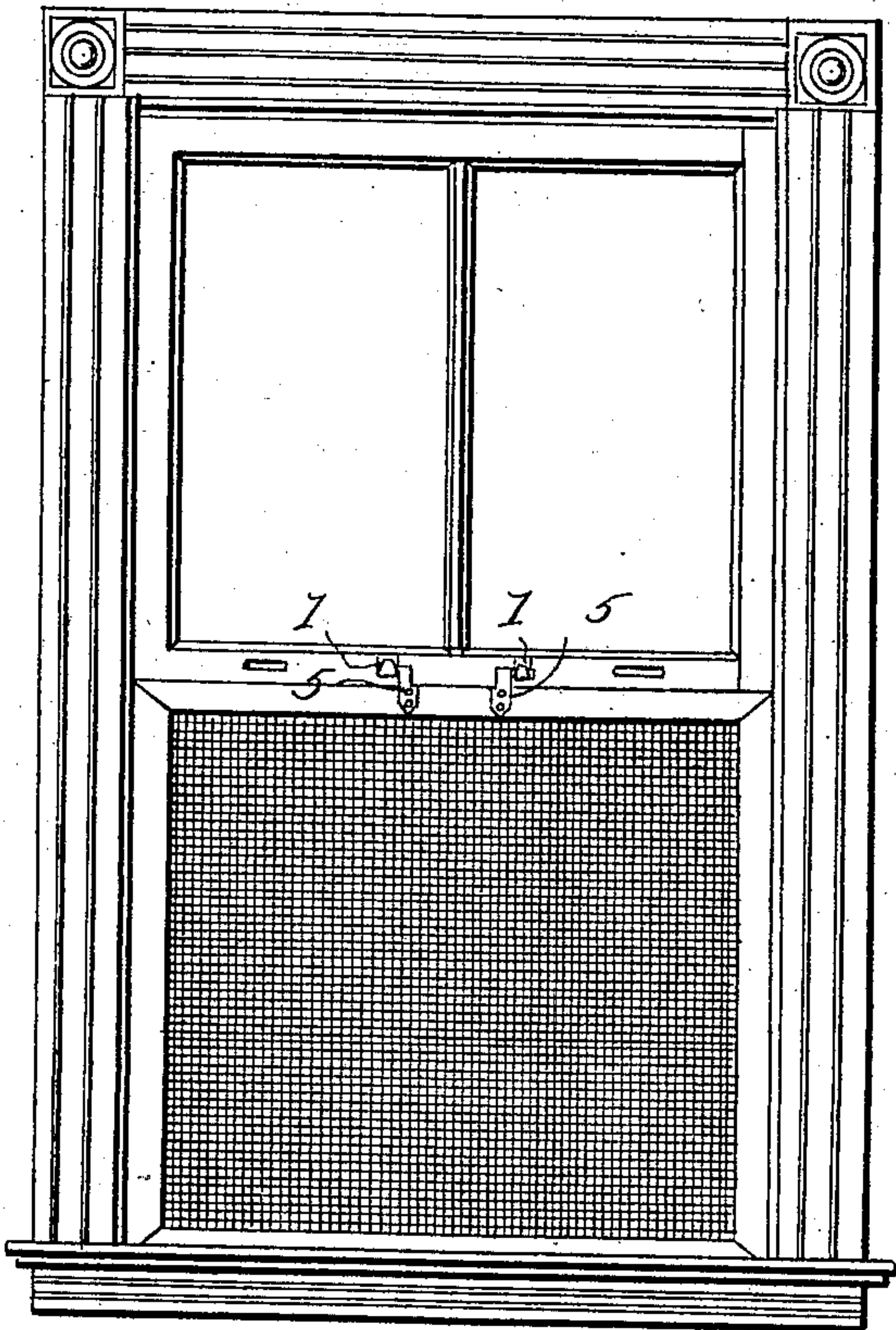


Fig. 3.

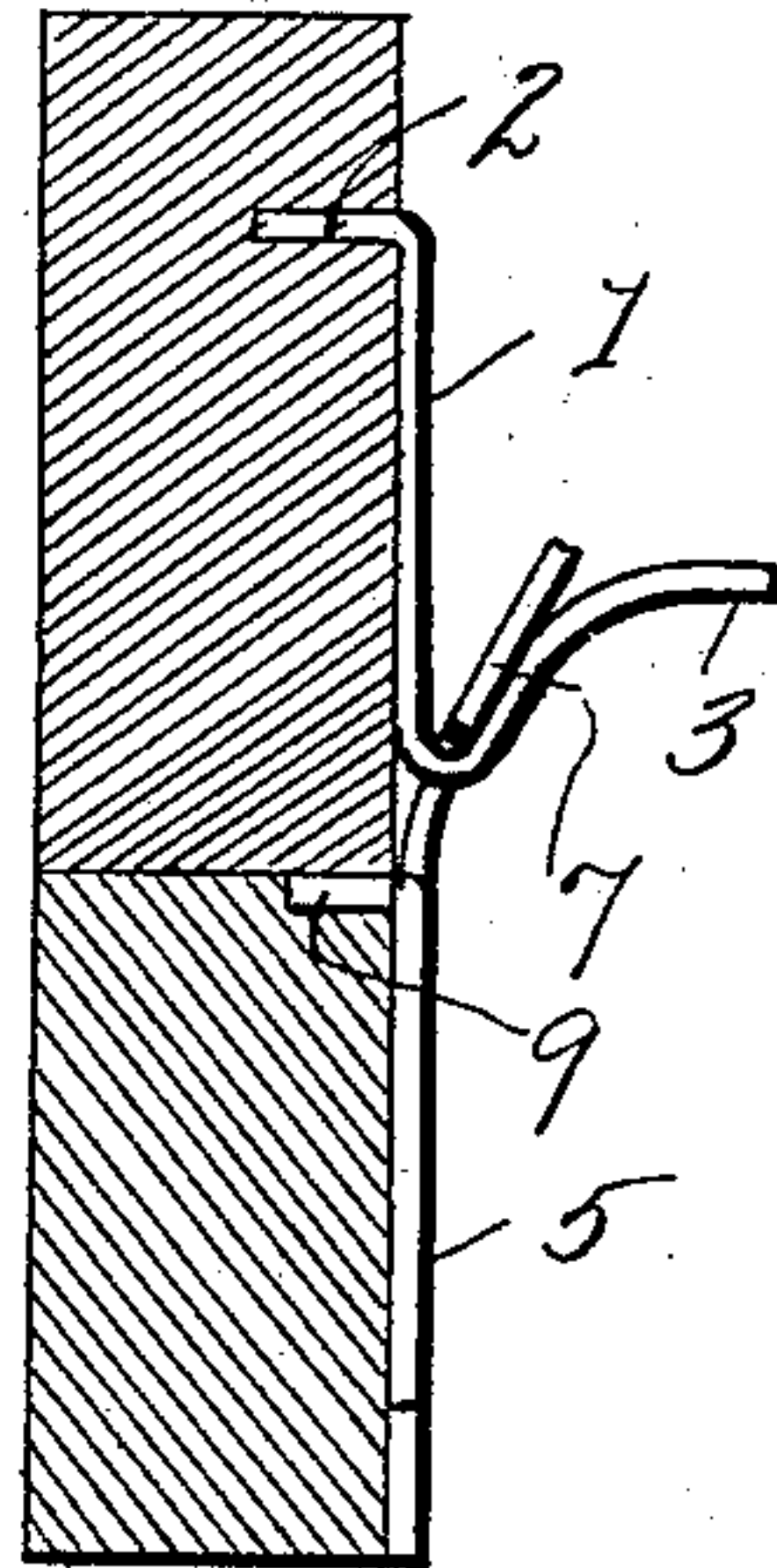


Fig. 4.

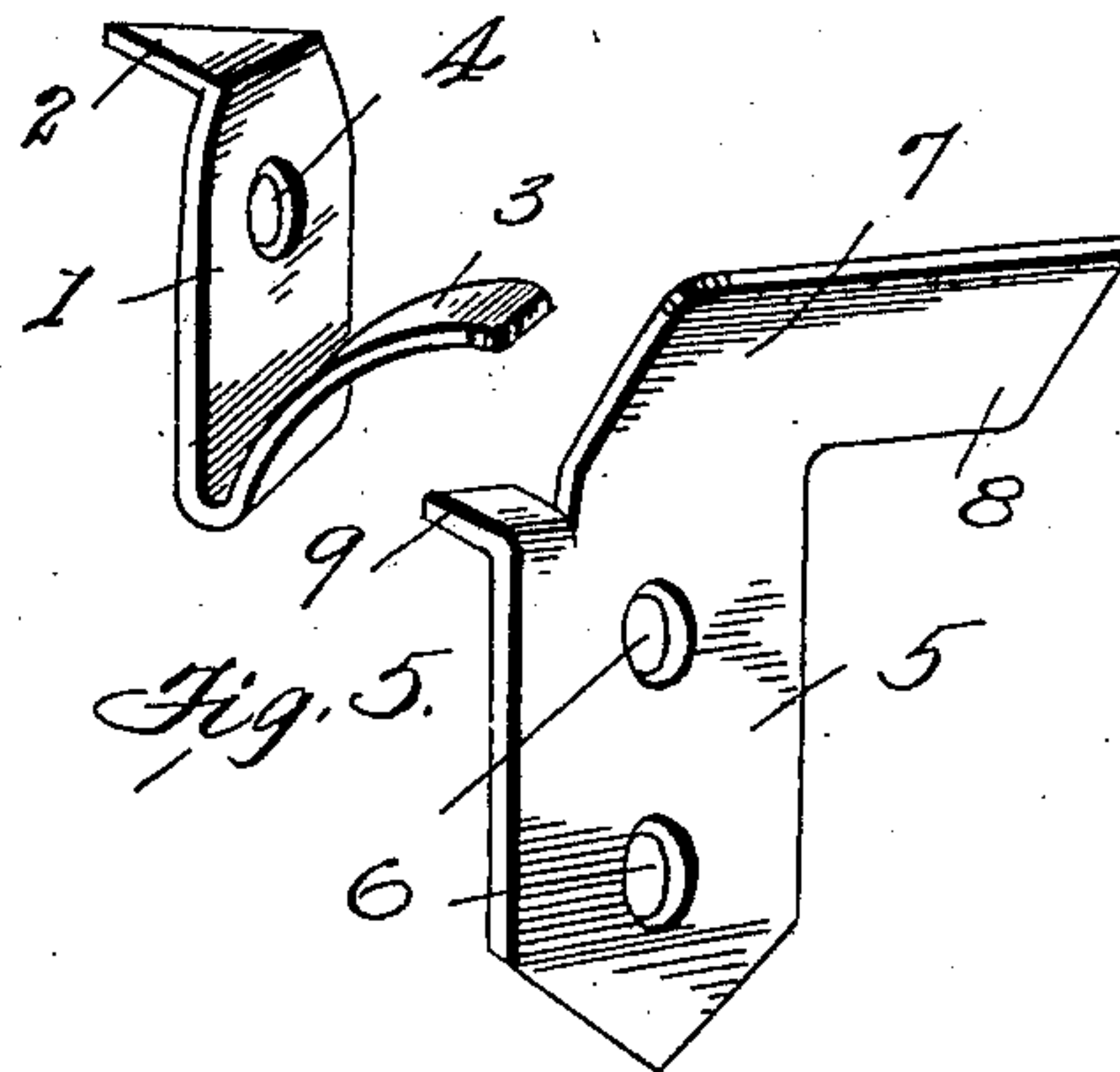


Fig. 5.

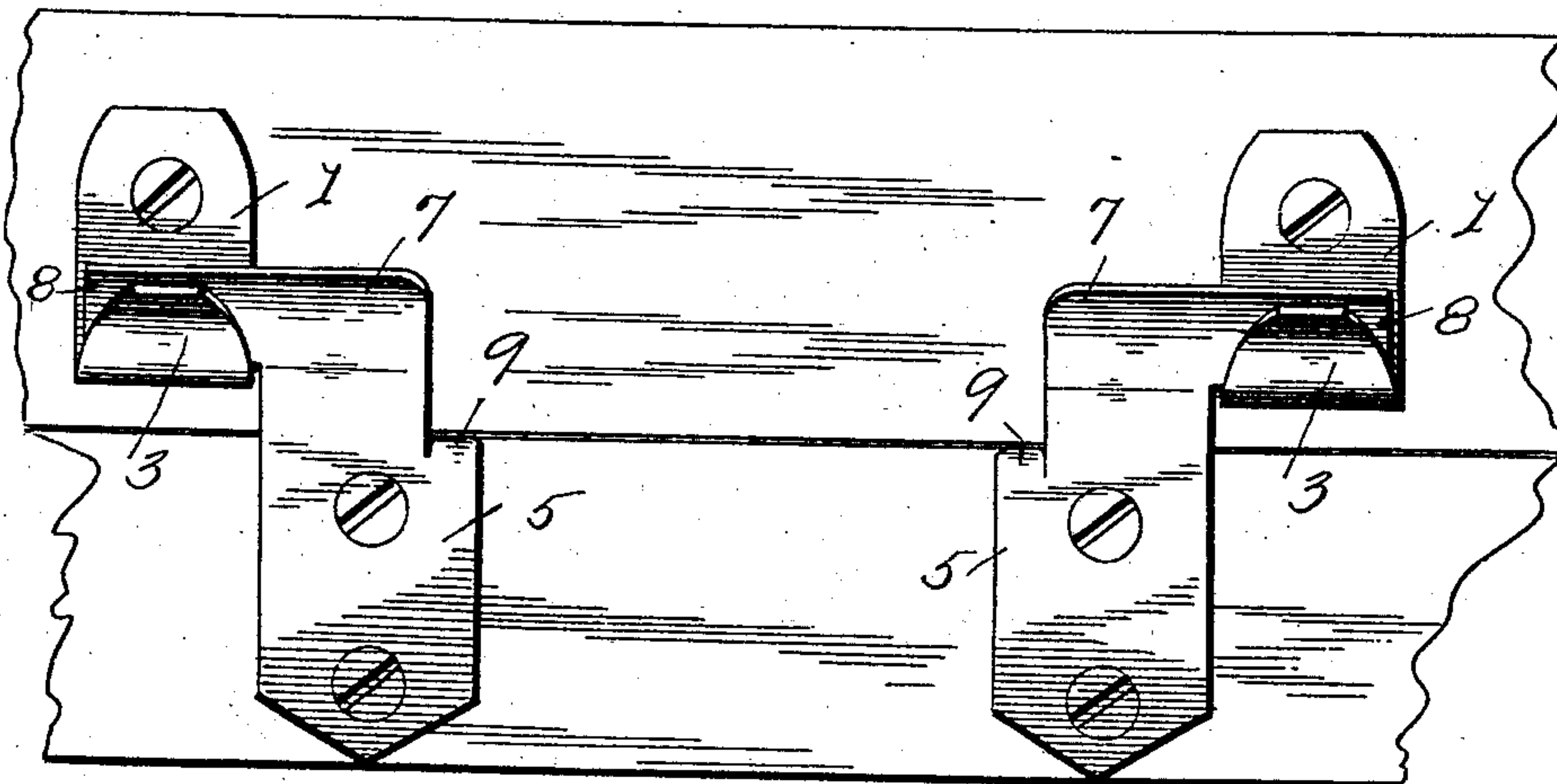
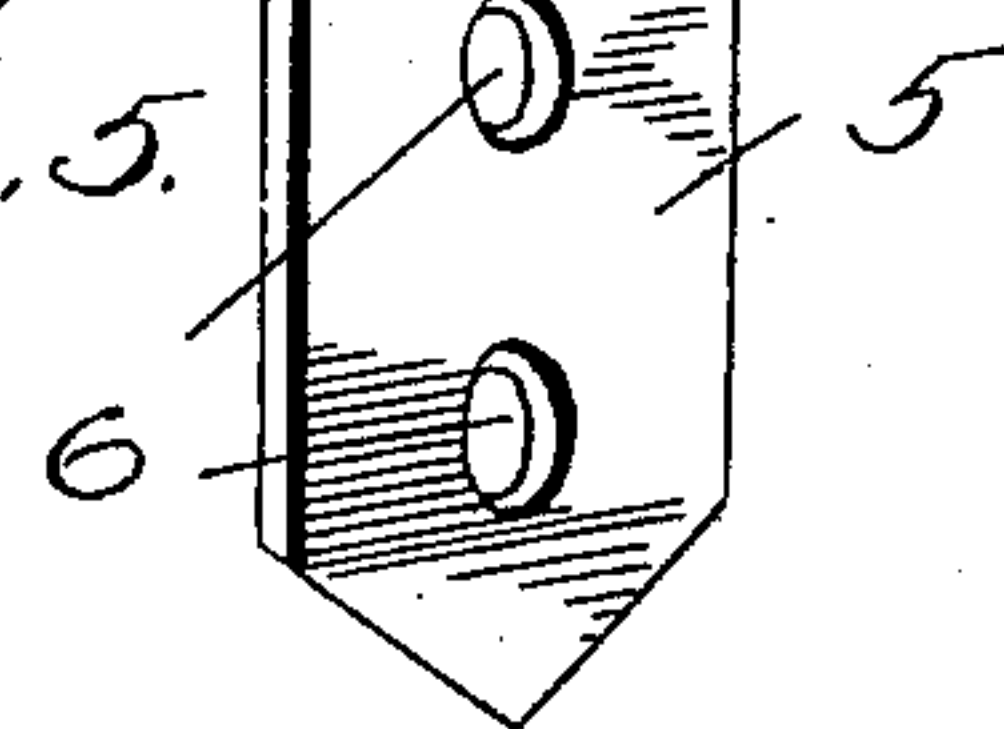


Fig. 2.

Inventor

Witnesses

Chas. H. Davies.

M. E. Moore

By

Wm. Gossett

M. E. Moore

Attorney

UNITED STATES PATENT OFFICE.

WILLIAM GOSSETT, OF FALLS CITY, NEBRASKA.

SCREEN-HINGE.

No. 884,146.

Specification of Letters Patent.

Patented April 7, 1908.

Application filed January 14, 1907. Serial No. 352,183.

To all whom it may concern:

Be it known that I, WILLIAM GOSSETT, a citizen of United States, residing at Falls City, in the county of Richardson and State of Nebraska, have invented certain new and useful Improvements in Screen-Hinges, of which the following is a specification.

My invention relates to improvements in screen hinges, and has particular reference to a hinge or hanger for supporting screen doors or windows, or for serving a like purpose in connection with storm doors or windows.

The main object of my invention is to provide a hinge support for screen doors or the like which will securely hold the screen in proper position and so that the screen may be readily attached or detached, and which will be of extremely simple and inexpensive construction, and practical and efficient in application.

With these and other objects in view, my invention consists of hangers having outstanding supporting lips, and brackets having offset wings for engagement with the supporting lips; and the invention further consists of a hinge joint embodying certain other novel features of construction, combination and arrangement of parts substantially as herein disclosed.

In the accompanying drawings: Figure 1, is a face elevation of a window and a screen arranged therein, showing my improved hinge joint in position. Fig. 2, is an enlarged elevation of the hinge members. Fig. 3, is an edge view of the hinge members, the parts to which they are secured being shown in section. Fig. 4, is a perspective view of the hanger member of the hinge, and Fig. 5, is a similar view of the other or bracket member of the hinge.

The two members of my hinge are preferably made of sheet metal although of course they may be cast or otherwise formed. The hanger or supporting member comprises a plate 1, which at the upper end is formed with an angularly-offset pointed barb 2, adapted to be driven into the article to which it is applied, and out-standing from the lower edge of the plate, is an angular upwardly-inclined supporting lip 3, one or more openings 4, being formed in the plate

for the insertion of a screw or other suitable fastening.

The lower hinge member or bracket, comprises a plate 5, having securing openings 6, formed therein, and the upper portion 7, of this plate is offset at an angle, which angle is approximately the same as that of the supporting lip on the upper member. This angular portion 7, of the lower member is extended at right angles beyond the body of the member to provide a supporting wing 8, adapted for engagement with the supporting lip of the upper member. A guiding and securing tongue 9, is also formed on one edge of the lower member, this tongue being adapted to engage the edge of the screen or similar object to which it is secured and thereby form a gage so that both of the lower members shall be applied to the screen at the same distance inward from the edge thereof.

From the foregoing description taken in connection with the drawings the many advantages and general usefulness of my improved hinge will be readily appreciated, and it will be obvious that I have produced a hinge joint which accomplishes all the objects herein set forth and which is thoroughly efficient and practical for the purposes intended.

I claim:

1. A screen hinge comprising a supporting plate having a securing opening therein, the upper end of the plate being pointed and bent angularly to form a barb, the lower end of the plate extending upwardly and outwardly in the form of a flaring curve to provide a supporting lip, a bracket plate having a pointed lower end and a pair of aligned securing openings therein, a guiding tongue partially severed from one of the parallel side edges of the bracket plate and bent rearwardly at an angle to form a gage, the upper portion of the bracket plate being inclined outwardly from the body portion thereof and continued laterally beyond the edge of the plate to form a supporting wing for engagement with the supporting lip of the supporting plate.

2. The screen hinge herein shown and described consisting of the pair of plates having each a barb at their upper end to be

driven into the lower rail of the sash, having
each an intermediate opening to receive a
fastening screw and having an outwardly
curved lower portion to form the upper open
5 leaves of the hinge, the pair of plates having
the outer oppositely disposed inclined wing
portions to form the lower leaf of the hinge,
also having the lip at their inner edge to fit

in recesses of the sash and having openings
to receive fastening screws. 10

In testimony whereof I affix my signature
in presence of two witnesses.

WILLIAM GOSSETT.

Witnesses:

J. M. WHITAKER,

J. B. WHITAKER.