

No. 772,098.

PATENTED OCT. 11, 1904.

E. HIPOLITO.
SCREEN.

APPLICATION FILED OCT. 12, 1900.

NO MODEL.

Fig. I.

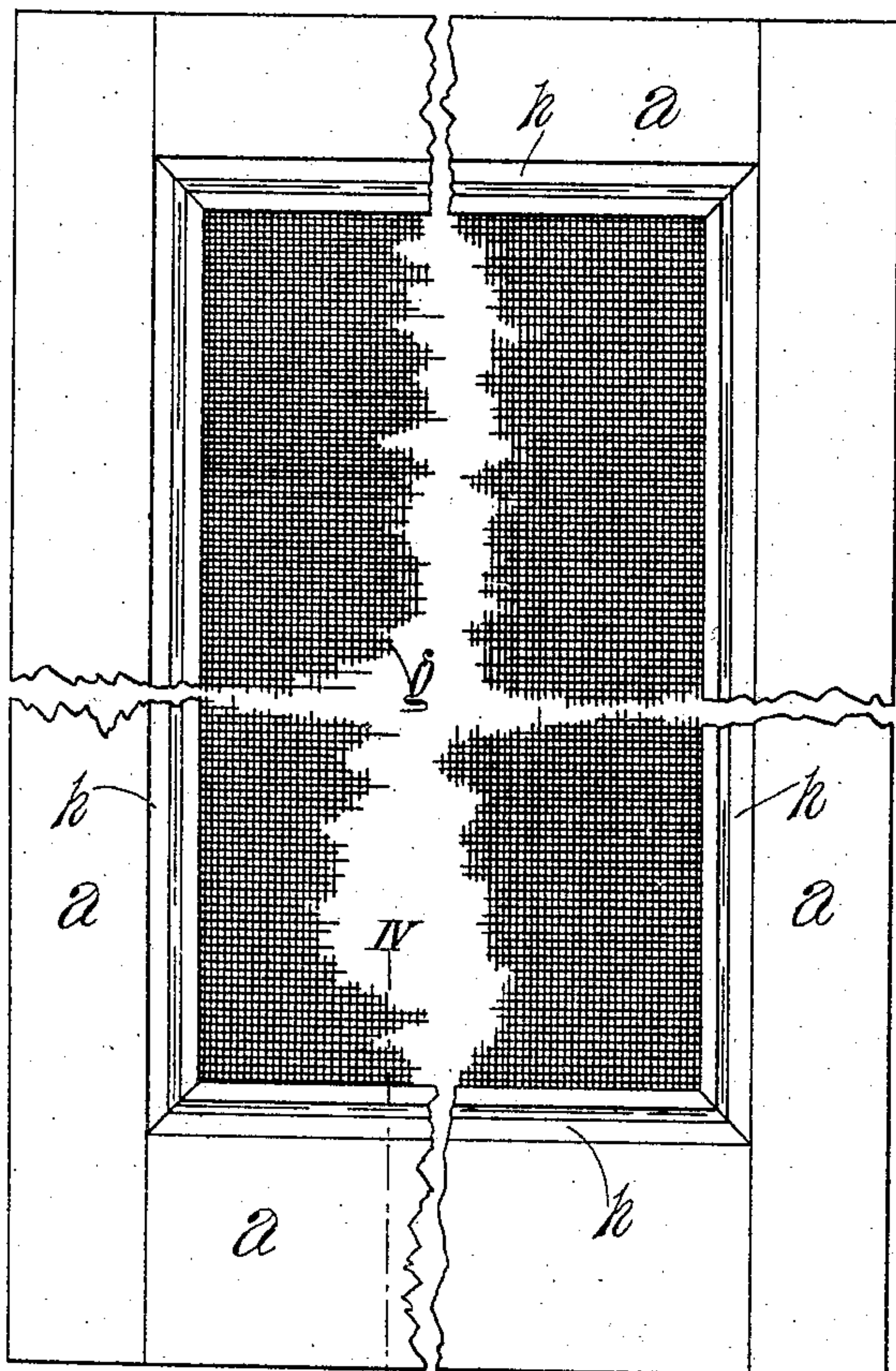
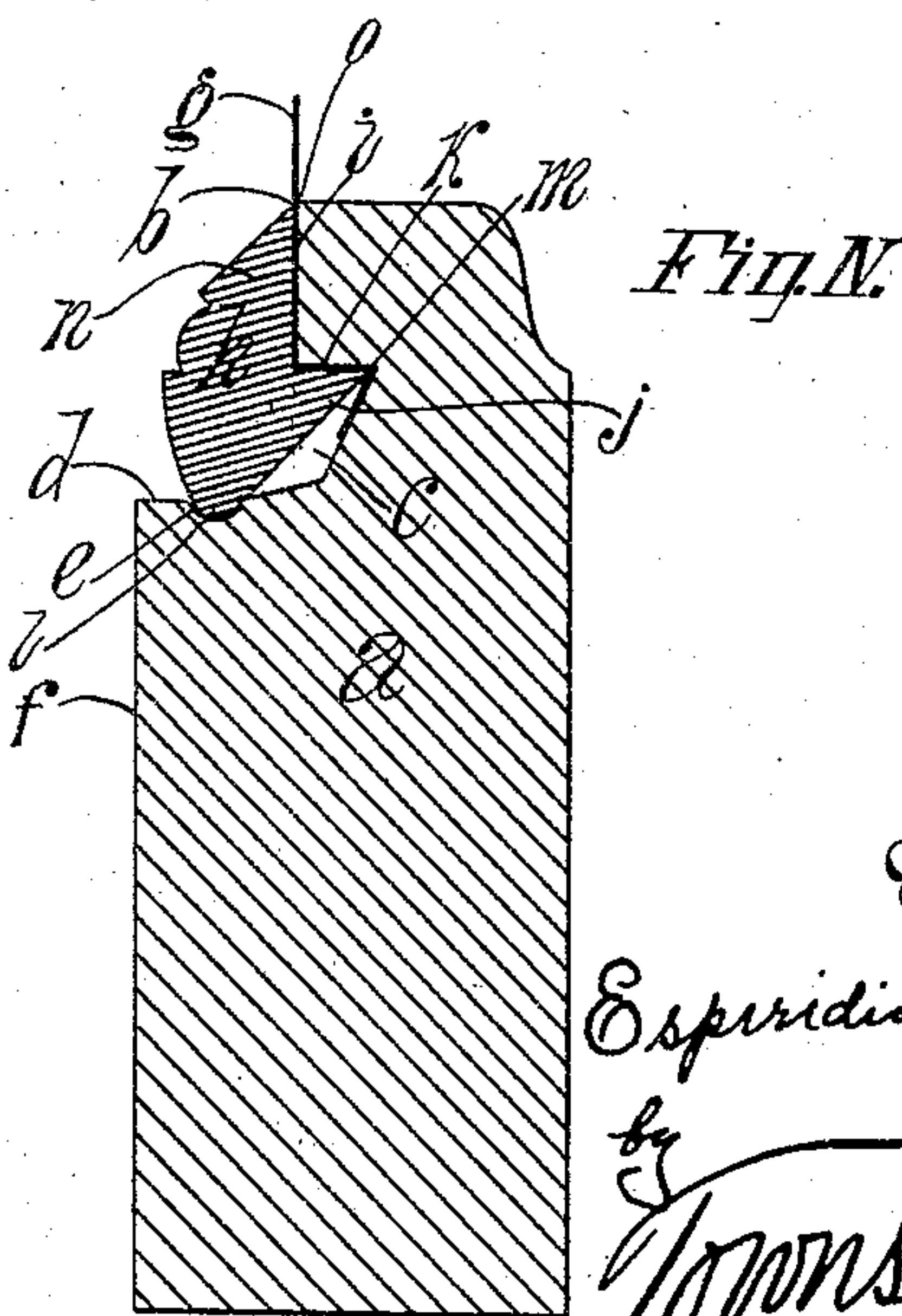
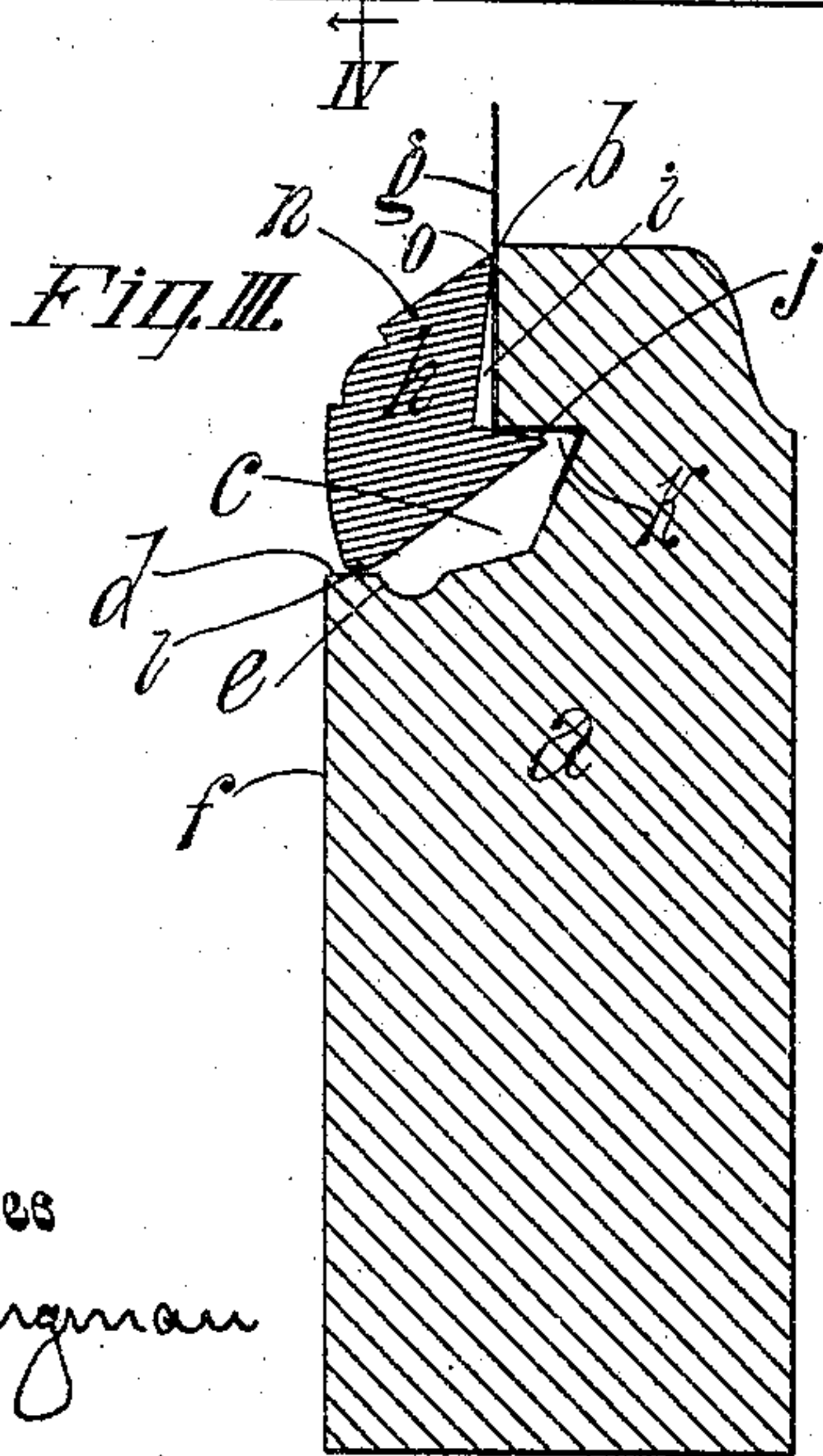
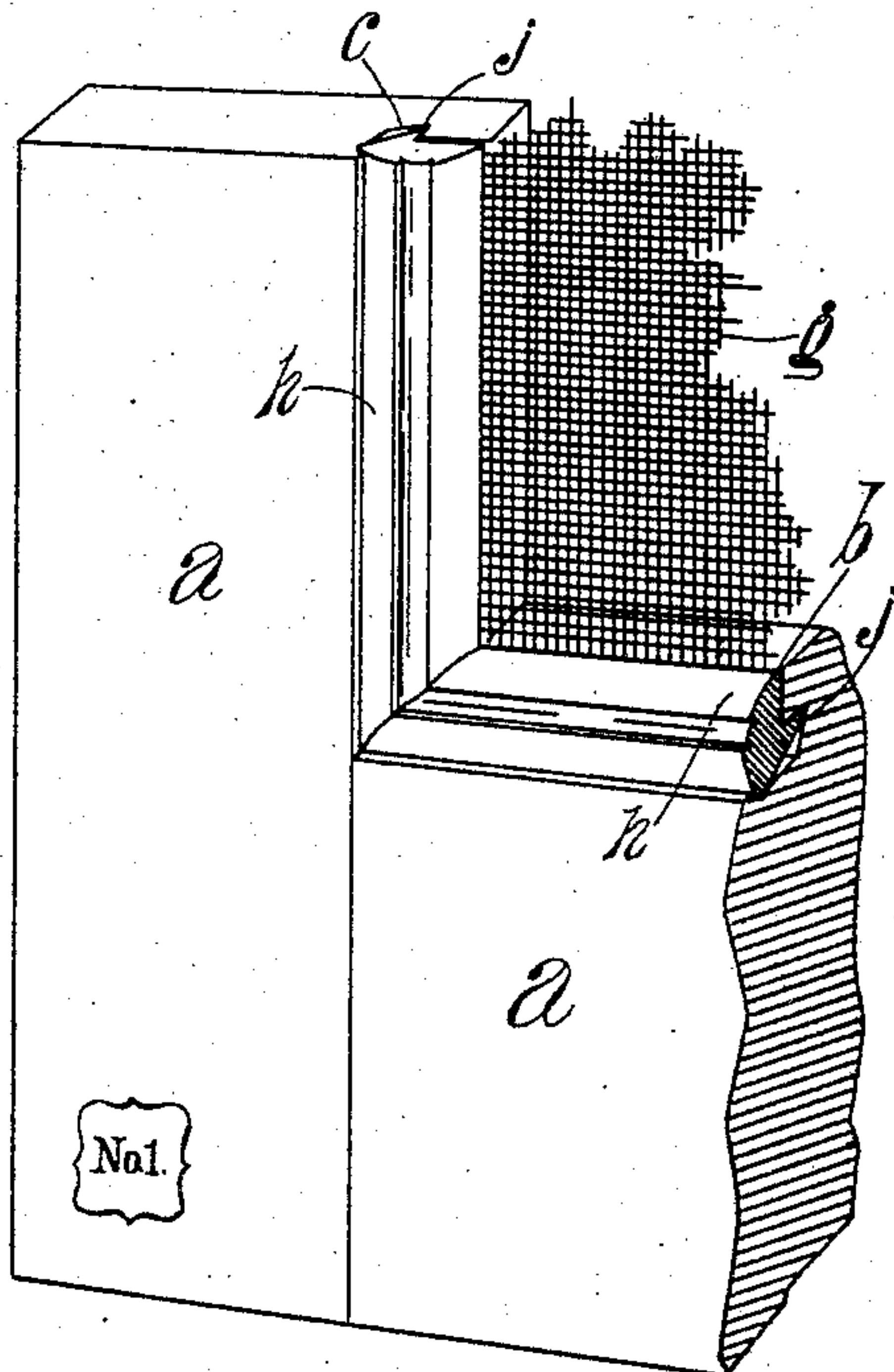


Fig. II.



Witnesses
George H. Ingman
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Inventor
Esperidion Hipolito
by
Townsend Bros
his attys.

UNITED STATES PATENT OFFICE.

ESPIRIDION HIPOLITO, OF LOS ANGELES, CALIFORNIA, ASSIGNOR TO THE
HIPOLITO SCREEN AND SASH COMPANY, OF LOS ANGELES, CALIFOR-
NIA, A CORPORATION OF CALIFORNIA.

SCREEN.

SPECIFICATION forming part of Letters Patent No. 772,098, dated October 11, 1904.

Application filed October 12, 1900. Serial No. 32,848. (No model.)

To all whom it may concern:

Be it known that I, ESPIRIDION HIPOLITO, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Improvement in Screens, of which the following is a specification.

My invention is applicable for door and window screens and screens for other uses.

The object of my invention is to afford superior means for holding the screen-sheet in the members of the frame of the screen and to provide means whereby the wire-gauze may be perfectly clamped and the portion of such gauze which contacts with the frame will be completely covered, thereby providing a screen of superior strength and more elegant appearance at slight cost, also to give increased facility for shedding water from the wire-gauze.

The accompanying drawings illustrate my invention.

Figure I is a view of my improved screen broken to contract the view. Fig. II is a perspective view of a fragment of a screen embodying my invention. Fig. III is a cross-section of a member of my newly-invented screen with the fastening-strip partially in place for holding the screen-sheet. Fig. IV is a section on line IV IV, Fig. I, showing the fastening-strip fully in place for firmly holding the screen-sheet on the frame member.

a indicates a rabbeted member having one wall, *b*, of the rabbet recessed with a channel *c* along the base of such wall and the other wall, *d*, grooved by a groove *e* between its base and outer edge at the face *f* of said member.

g indicates a sheet bent into the recess *c*.

h indicates a strip having one edge fitted in the groove *e*, a member *i* pressing the sheet *g* against the wall *b* of the rabbet outside the recess or channel *c*, and a ledge *j* fitting against the sheet in the recess *c*. The ledge *j* is formed in an acute angle and fits snugly against the outer wall *k* of the recess *c*, so that the inner edge *l* of the strip can be forced into the groove only by considerable pressure. When the strip

is thus forced into place, it is firmly held by the structure, and the sheet-clamping portion *n*, which extends outward from the ledge *j*, fits against and carries the inbent portion of the sheet *g* and clamps it firmly against the wall *b*. The portion or face *n* is flat from its outer edge *o* to the ledge *j*, having no projection that would interfere with its lying flat against the screen-sheet. The ledge *j* is substantially midway between the edges *l* and *o* of the strip and is substantially equal in width to the depth of the recess *c*, so that the edge *m* of the ledge crimps the sheet in the angle of the recess. Being formed in an acute angle it may enter the recess *c*. When the parts are in place, as shown in Fig. IV, the strip forms a perfect finish for the screen-frame and serves to direct any water away from the screen-sheet *g*.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. The combination of a rabbeted member having one wall of the rabbet recessed along its base; and the other wall grooved between its base and outer edge; a sheet bent into the recess; a strip having one edge fitted in the groove, a sheet-clamping portion pressing the sheet against the other wall of the rabbet outside the recess, and an acute ledge fitting against the sheet in the recess.

2. A screen comprising a rabbeted member furnished with a recess in one wall of the rabbet and a groove in the other wall of the rabbet; a sheet bent into the recess; and a fastening-strip furnished with a ledge fitted in the recess, and the edge of the ledge bending the sheet in the angle of the recess, a member of the strip clamping the sheet against a wall of the rabbet, and an edge of the strip seated in the groove, the top of the groove being at substantially right angles to the clamping-face of said member.

3. A fastening-strip for a screen as set forth, provided with a strip-retaining edge, a sheet-clamping member and an acute-angled ledge projecting between said edge and member, the faces of said member and the ledge being sub-

stantially at right angles to each other, and the face of said member being flat from its outer edge to said ledge.

4. The combination of a rabbeted member
5 having a groove in one wall of the rabbet and a recess in the other wall of the rabbet; a sheet bent into the recess; and a strip having one edge inserted in said groove, and a ledge inserted in said recess, and a member extending
10 from said recess to the edge of the rabbeted member to press the sheet against the rabbeted member and to extend over and cover the in-bent portion of the sheet which contacts with said rabbeted member.

15 5. A fastening device for screens or the like, comprising a main member furnished with a groove and a ledge protruding toward the top of said groove; and a member having one side

rabbeted to embrace said ledge and an edge on the opposite side adapted to be sprung into 20 the aforementioned groove.

6. A fastening-strip for a screen as set forth, provided with a strip-retaining edge, a sheet-clamping member and an acute-angled ledge projecting between said edge and member, the 25 adjacent faces of said member and the ledge being straight and at substantially right angles to each other.

In testimony whereof I have signed my name to this specification, in the presence of two sub- 30 scribing witnesses, at Los Angeles, California, this 5th day of October, 1900.

ESPIRIDION HIPOLITO.

Witnesses:

JAMES R. TOWNSEND,
JULIA TOWNSEND.