

No. 832,122.

PATENTED OCT. 2, 1906.

G. A. DE BAUN, DEC'D.

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SCREEN AND OUTSIDE SASH HINGE.

APPLICATION FILED DEC. 28, 1905.

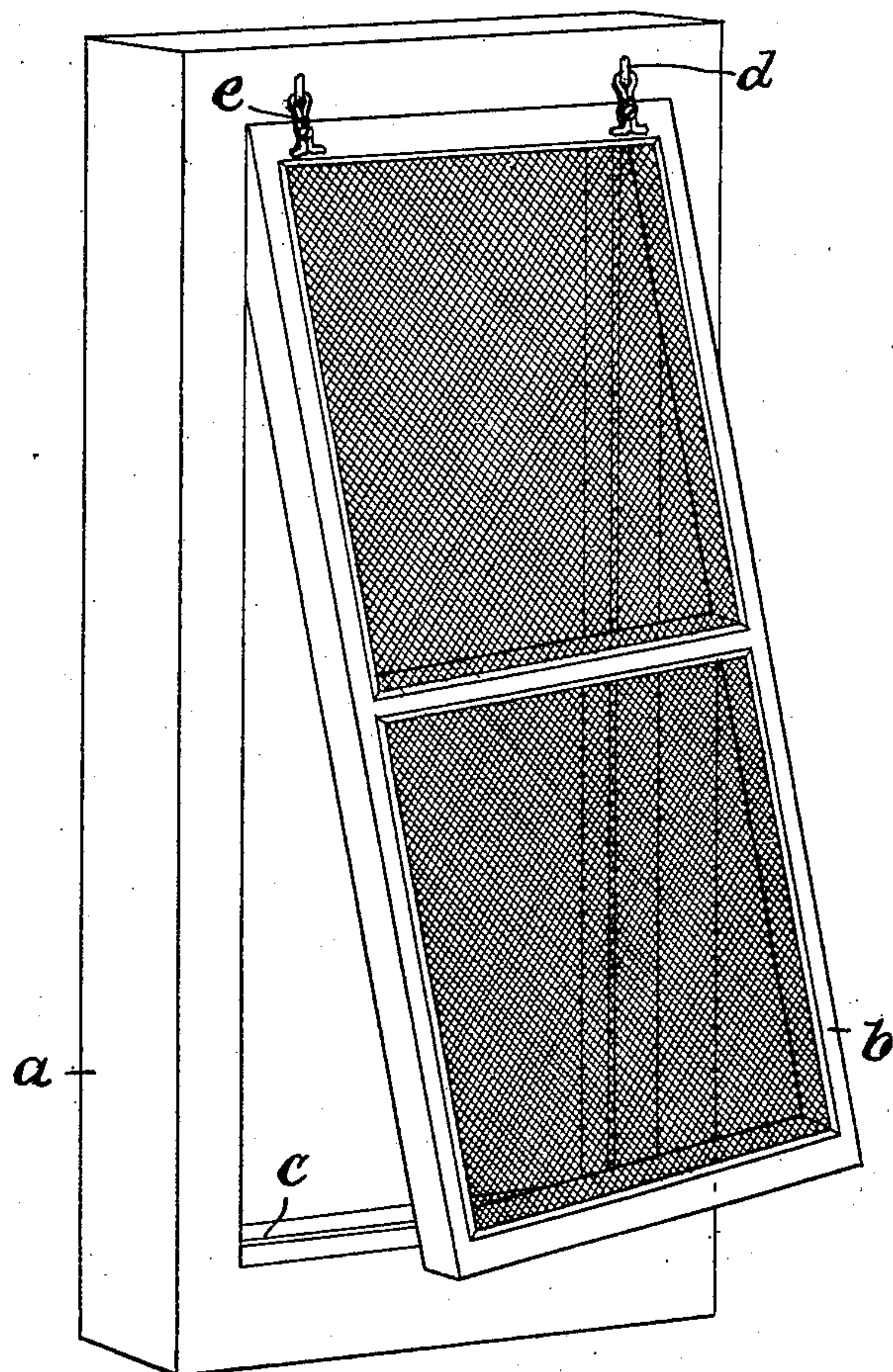


Fig. 1.

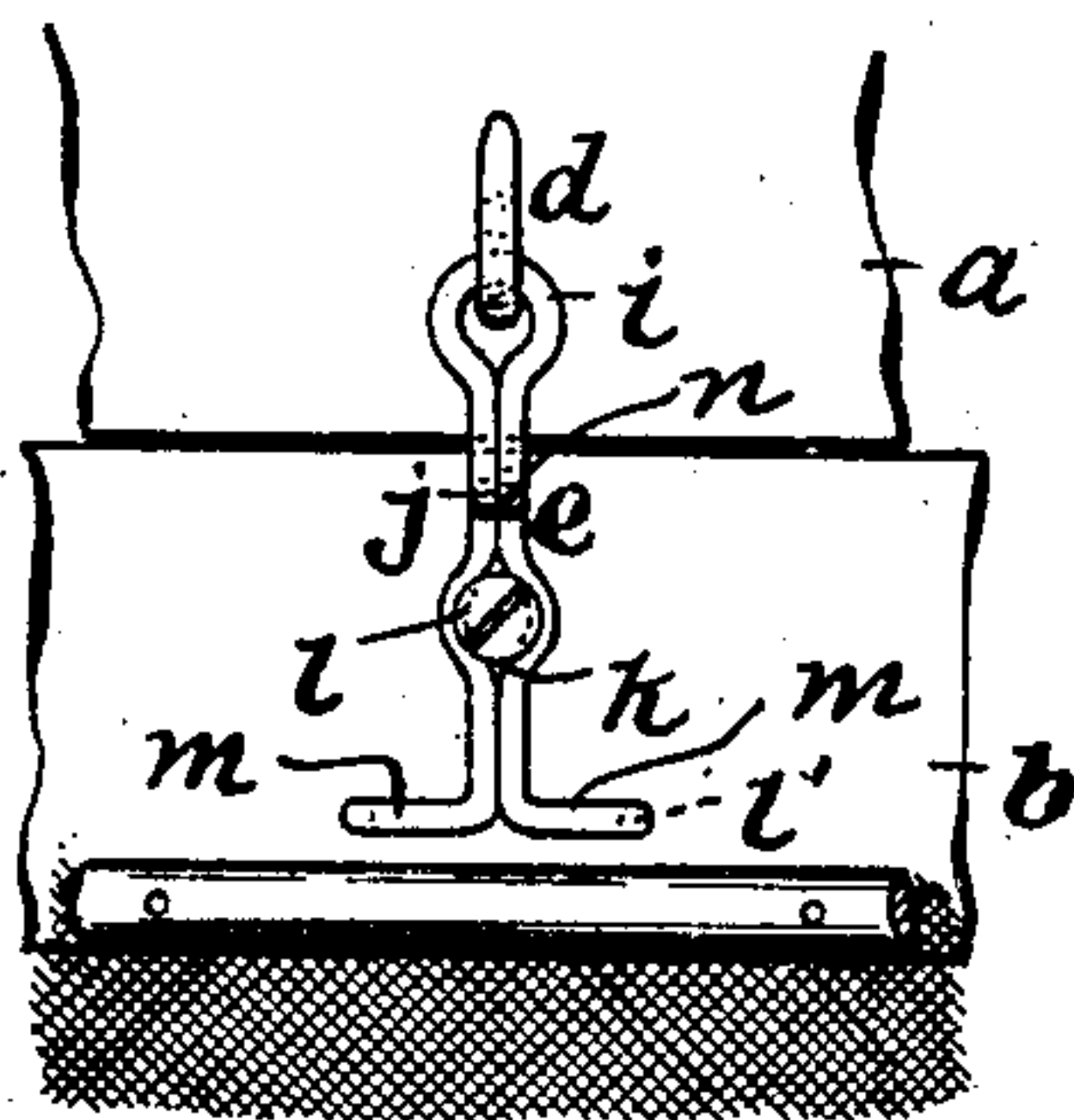


Fig. 2.

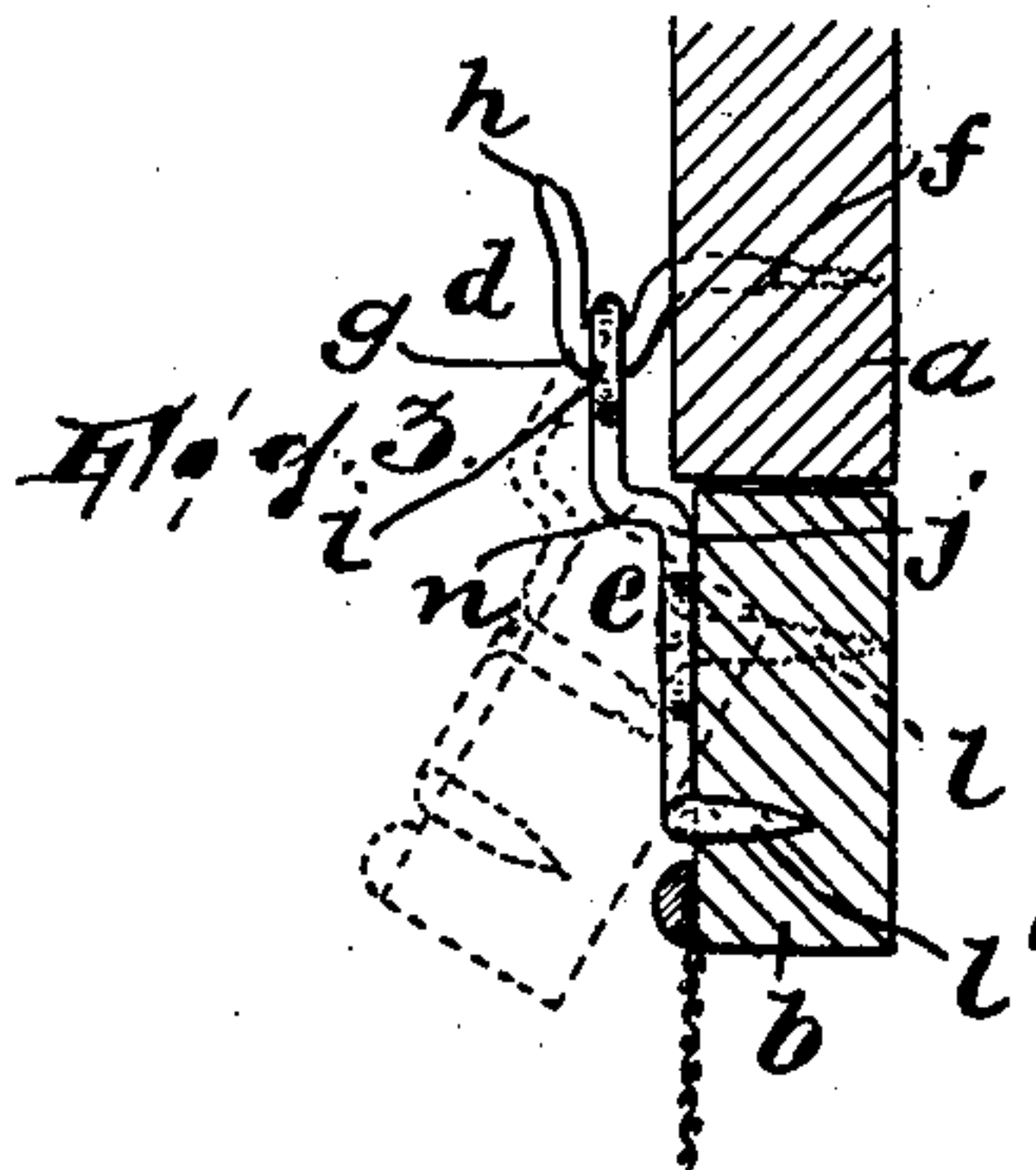


Fig. 3.

WITNESSES:

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UNITED STATES PATENT OFFICE.

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DECEASED.

SCREEN AND OUTSIDE-SASH HINGE.

No. 832,122.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed December 28, 1905. Serial No. 293,576.

To all whom it may concern:

Be it known that I, GEORGE A. DE BAUN, a citizen of the United States, residing in Paterson, county of Passaic, State of New Jersey, have invented certain new and useful Improvements in Screen and Outside-Sash Hinges; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to hinges for screens or outside sashes comprising two members separably connected together, so that the screen or sash may be either swung on said hinges or bodily removed from the window-frame.

My invention has for its principal objects to simplify and cheapen the construction of such hinges and also to render them capable of being applied or affixed to the parts with increased facility and with the minimum of securing parts, such as screws and the like.

My invention will be found fully illustrated in the accompanying drawings, wherein—

Figure 1 shows a screen held in place by my improved hinges in a window-frame. Fig. 2 is a full-sized front view of one of the hinges seen in Fig. 1 and fragments of the parts it connects; and Fig. 3 is a side view of the hinge as seen in Fig. 2, said parts appearing in section.

In the drawings, *a* is a window-frame, and *b* a screen, the same appearing in Fig. 1 in a partly-open position. When the screen is in its normal position in the window-frame, it bears squarely against a stop-bead *c*, in accordance with the usual construction.

My improved hinge comprises two members—a hook member *d* and an eye member *e*.

The hook is preferably of the type having a threaded shank *f*, a rebend *g*, and a point *h*, which is slightly turned off for a purpose hereinafter indicated.

The eye is preferably formed of a piece of

wire or the like, bent in its middle portion to form a loop or eyelet *i*, a shank *j*, an opening *k* to receive a screw *l* or other securing device, and two tangs *l'*, set apart from each other. The shank *j* results from forming the wire so that after the loop *i* is produced the parts of the wire involved lie side by side, except where the opening *k* comes, where they diverge for a short distance. In forming the tangs, which stand spaced from each other, as above described, the portions of the wire not involved in the formation of the shank are first bent off at right angles to the shank and in opposite directions to each other, lying in the same plane as the shank, as at *m*, and then the ends are bent off in the same direction at right angles to the portions *m*, so as to produce the tangs *l'*. Said ends are preferably sharpened.

It is preferable, though not essential, that a double bend *n* be formed in the shank of the eye member, so that its upper portion, comprising the eyelet *i*, will be somewhat offset with relation to its lower portion, so that the screen or sash may take squarely at all points against the stop-bead when the screen or sash is closed.

It will be observed that my device is extremely inexpensive to manufacture, and since in attaching the member *e* it is only necessary to drive in the tangs and then apply a single screw *l* or the like the work of fitting up a considerable number of window-openings with screens or sashes is practically inconsiderable.

It is preferred that the point *h* of the hook member be offturned, as above described, so that when the screen or sash is removed from the window-frame the eye member will clear the hook member without the necessity of swinging the screen or sash up to an inconvenient height.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a separable hinge for screens, sashes and the like, an eye member consisting of a wire bent in approximately its middle portion to form a loop or eyelet and having the

portions thereof extending from said eyelet
standing side by side, then diverging, and
then side by side again to form a shank hav-
ing an opening therein for a screw or the like,
5 said portions having their extremities spaced
and bent off in the same direction to form se-
curing-tangs, substantially as described.

In testimony that I claim the foregoing I
have hereunto set my hand this 23d day of
December, 1905.

GEORGE A. DE BAUN.

Witnesses:

JOHN W. STEWARD,
WM. D. BELL.