

H. R. Dexter,

Window Screen.

No. 109,395.

Patented Nov. 22, 1870.

Fig. 1

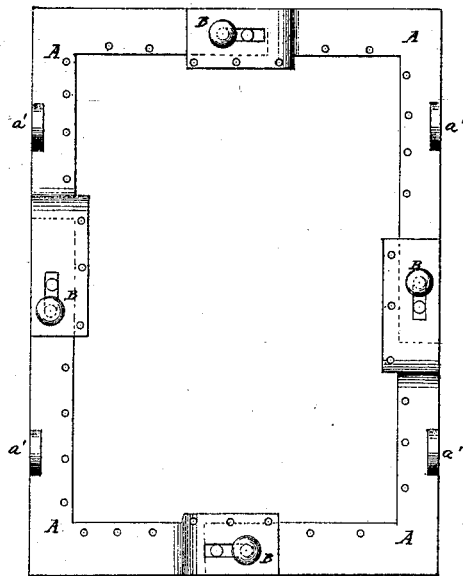
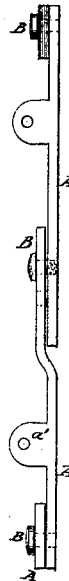


Fig. 2



Witnesses:

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HENRY RAY DEXTER, OF PUTNAM, CONNECTICUT.

Letters Patent No. 109,395, dated November 22, 1870.

IMPROVEMENT IN WINDOW-SCREEN FRAMES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HENRY RAY DEXTER, of Putnam, in the county of Windham and State of Connecticut, have invented a new and useful Improvement in Adjustable Frame for Window-Screens, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 is a detail side view of my improved frame.

Figure 2 is a detail edge view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved frame for screens for windows, doors, and other openings, which shall be simple in construction, inexpensive in manufacture, easily secured in place, and, at the same time, so constructed that it may be easily adjusted to various-sized windows, thus enabling the purchaser to readily adjust them in place without its being necessary to employ a mechanic to fit them to their places; and

It consists in the adjustable frame, constructed as hereinafter more fully described.

The frame is formed of four parts or pieces, A, each of which is bent at right angles, the arms being made longer or shorter, according to the ordinary size of the openings for which the screen is intended.

One of the arms of each piece A is made straight, and the other arm is made with an offset or shoulder, to receive the straight arm of the adjacent piece, as shown in figs. 1 and 2.

The overlapped ends of the adjacent pieces A are secured to each other by clamping-screws B, which

pass through slots in one of the said overlapped ends of said pieces, and screw into screw-holes formed in the other of said ends.

The connection between the overlapped ends of the said pieces A may be further strengthened by guide-pins or projections attached to one of said ends and passing through the slot in the other end, as shown in fig. 1.

This construction enables the frame to be readily adjusted to windows of different sizes, or to windows which may be somewhat untrue in their angles.

Around the inner edges of the pieces A are formed holes, as shown in fig. 1, for the convenient attachment of the wire gauze or other screen.

When the frame is used for a window, upon its side edges are formed, or to them are attached, lugs *a'*, to receive the screws by which it is secured to the casing.

When the frame is used for a door-way, the lugs *a'* may be replaced by or formed into hinges upon one side of the frame, and omitted from the other side, or replaced or changed into bolts, latches, or other fastening, as may be desired or convenient.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The improved window-screen frame herein described, consisting of the four parts or pieces A, provided with the lugs *a'*, and each having one of its ends slotted and shaped to overlap the straight end of the adjacent piece, to which it is secured by a clamp-screw, B, all as shown and described.

HENRY RAY DEXTER.

Witnesses:

BENJ. LANGDEN,
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