Aug. 15, 1933. J. M. MILLER 1,922,741

WINDOW FRAME

Filed Dec. 23, 1930

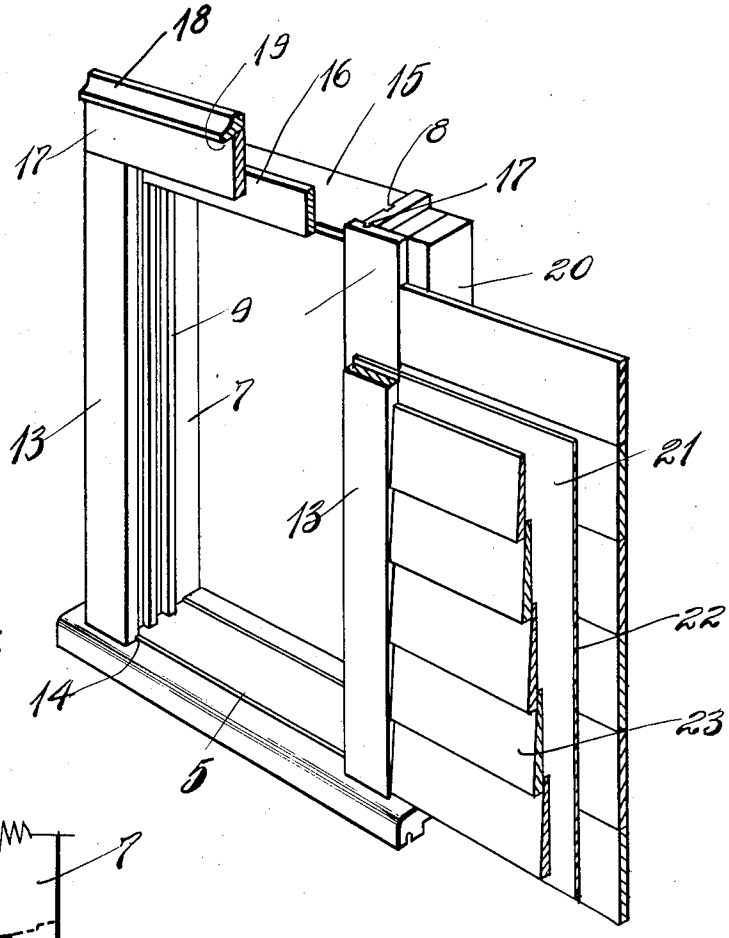


Fig. 1.

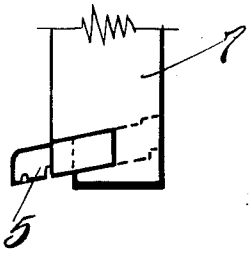


Fig. 3.

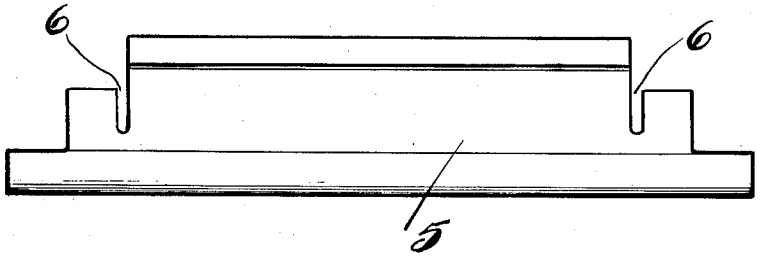


Fig. 2.

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WINDOW FRAME

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Application December 23, 1930
Serial No. 504,250

1 Claim. (Cl. 20—11)

The prime object of the invention is to provide a window frame having a lock joint sill adapted to receive the side jambs of the frame to facilitate the assembly thereof.

Another object is to provide a frame of simple and practical construction, which can be set up without the use of nails, and in which the various members can be set up only in their proper position and relation.

A further object is to provide a drip cap so designed that all water drips from the end thereof, eliminating the possibility of seepage into the joints.

With the above and other objects in view, the present invention consists in the combination and arrangement of parts, hereinafter more fully described, illustrated in the accompanying drawing, and particularly pointed out in the appended claim, it being understood that changes may be made in the form, size, proportion and minor details of construction, without departing from the spirit, or sacrificing any of the advantages of the invention.

In the drawing.

Fig. 1 is a part sectional perspective view of my improved window frame.

Fig. 2 is a plan illustrating the lock points in the sill.

Fig. 3 is a fragmentary side view of the sill and side jamb.

Referring now more particularly to the drawing in which I have shown the preferred embodiment of my invention, the numeral 5 indicates a window frame sill provided with the usual shoulders thereon, this is provided with spaced apart slots 6 forming the lock joints in which the side jambs 7 are adapted to be inserted, said jambs being grooved as shown at 8 to accommodate the usual parting beads 9. Blind stops 10 are provided on the outer edge of the side jambs, and are grooved as shown at 11 to accommodate the bead 12 provided on the edge of the jambs.

Casing strips 13 are secured to the face of the blind stops, the ends being shouldered as shown at 14, so as to interlock with the sill and drip cap to prevent the seepage of water and consequent deterioration. A head jamb 15 connects the upper ends of the side jambs, and a narrow blind stop 16 is provided at the top of the frame, a head casing 17 being placed thereover, and is provided with a drip cap 18 having a downwardly projecting head 19 to eliminate the possibility of water seeping into the joint.

In practice, the frame is inserted between the studding 20 to which the sheathing 21 is nailed, building paper 22 is laid over this sheathing and in under the casing strips 13, and siding 23 is laid thereover, the ends of the siding fitting against the edge of the casing to provide a weatherproof and air tight construction.

This frame is convertible for frame or masonry construction, the members are all suitably marked so that they can be readily assembled, the lock joint insures rigidity and facilitates the assembly, and the frame is cheap, practical and weatherproof.

What I claim is:—

A window frame comprising a sill, head, and side jamb, a drip cap, spaced apart transversely disposed open slots provided in said sill and extending to a point directly adjacent the front shoulder of said sill, the jambs having their lower ends dadoed to fit and be received in said slots and form a lock joint therewith, and a bead formed on the lower face of the drip cap and projecting downwardly beyond the exposed face thereof.

JOHN M. MILLER.