

C. ROEHR.
DOOR FRAME.

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Att'y.

UNITED STATES PATENT OFFICE.

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DOOR-FRAME.

SPECIFICATION forming part of Letters Patent No. 593,435, dated November 9, 1897.

Application filed February 16, 1897. Serial No. 623,614. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ROEHR, a citizen of the United States, residing at Bucyrus, in the county of Crawford and State of Ohio, have invented or discovered certain new and useful Improvements in Door-Frames, of which improvements the following is a specification.

The invention described herein relates to certain improvements in frames for doors or windows of that class or kind which was described and claimed in Letters Patent No. 385,233, dated June 26, 1888. As described and shown in said patent the door-jamb is formed in two longitudinal sections or members having the door-facings secured to their outer edges, whereby the door-frame may be constructed in a shop and placed in position in the door-opening without any material refitting or finishing. As shown in said patent the two parts of the jamb are so interlocked or connected that care must be taken to construct each door-frame with special reference to the thickness of the walls to which the frame is to be applied.

The object of the present invention is to provide for the adjustment of the jamb-sections toward and from each other, thus permitting of the construction of frames without regard to the thickness of the walls to which they are to be applied.

It is a further object of the invention to provide the facings with shoes or gripping-jaws adapted to take a tight grip on opposite sides of the wall when the frame is placed in position.

The invention is hereinafter more fully described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a sectional plan view of a door-frame constructed in accordance with my invention; and Fig. 2 is a view in elevation of one side of the frame, on a reduced scale.

In the practice of my invention the jamb of the door is made in two parts or sections 1 and 1^a, adapted to be interlocked by a tongue 2 on one part or section fitting in a groove 3 on the other part or section. The tongue and groove are made of a width and depth respectively as to permit of a considerable movement of the parts or sections of the jamb to-

ward and from each other and thereby vary the width of the jamb as required by varying thicknesses of wall. The facings 4 4^a are secured in any suitable manner, as by an interlocking joint and internal angles 5, to the outer edges of the jamb-sections.

In order to clamp the frame firmly on the wall, the outer or free edges of the facings 4 4^a are provided with shoes or gripping-jaws 6 6^a, having their inner faces inclined to form a corner adapted to grip the wall. These shoes or jaws are preferably made independent of the facings and secured thereto in any suitable manner.

The several parts of each frame-section are constructed and secured together in the shop or factory, and when applied the sections are placed in position in the door-opening from opposite sides. Sufficient pressure is exerted on the sections to cause the shoes or jaws to take a firm grip on the wall, and the two sections are then secured together in such position by a strip 7, arranged to cover the joint between the jamb-sections and secured to said sections by nails or screws or by any other suitable means. While the strip 7 will generally be a sufficient lock for holding the sections of the jamb in position, it is preferred to secure said sections to the timber forming the door-opening by screws 8, which are covered by the strip 7. As this strip forms the stop against which the door strikes in closing it is preferred to form a rib 9 along one edge of the strip and a groove in one of the jamb-sections for the reception of the rib, thereby forming a brace to prevent any dislodgment of the strip by blows of the door.

The gripping shoes or jaws may be reinforced as regards their action in holding the frame in position by nails or screws 9, driven through the shoes into the timber forming the door-opening, the heads being sunk in grooves in the shoes, as shown.

It is characteristic of my improvements that all screws, nails, or other devices employed for fastening the parts of the frame together or securing the frame in position are entirely concealed. It is also characteristic of my improvement that the parts of the frame can be secured together, the door hung, hardware applied, and all varnishing, painting, or other finishing done in the shop, thereby reducing

the labor done in the house to the mere work of placing the frame in position.

I claim herein as my invention—

1. In a door-frame, the combination of a
5 jamb formed in two longitudinal sections, a strip interlocking as by a tongue and groove with one of the jamb-sections, so as to form a door-stop in said section and lapping onto the other section sufficiently to permit the ad-
10 justment of the sections and to permit of the strip being secured to the other section, and facings secured to the outer edges of the jamb-sections, substantially as set forth.

2. In a door-frame, the combination of a

jamb formed in two longitudinal sections, fa- 15
cings secured to the outer edges of the jamb-sections, and jaws or shoes on the facings beveled or inclined to form gripping edges and projecting within the planes of the inner surfaces of the facings, and adapted to grip 20
the wall and hold the frame in position, substantially as set forth.

In testimony whereof I have hereunto set my hand.

CHARLES ROEHR.

Witnesses:

F. T. BEER,

ED. C. ROEHR.