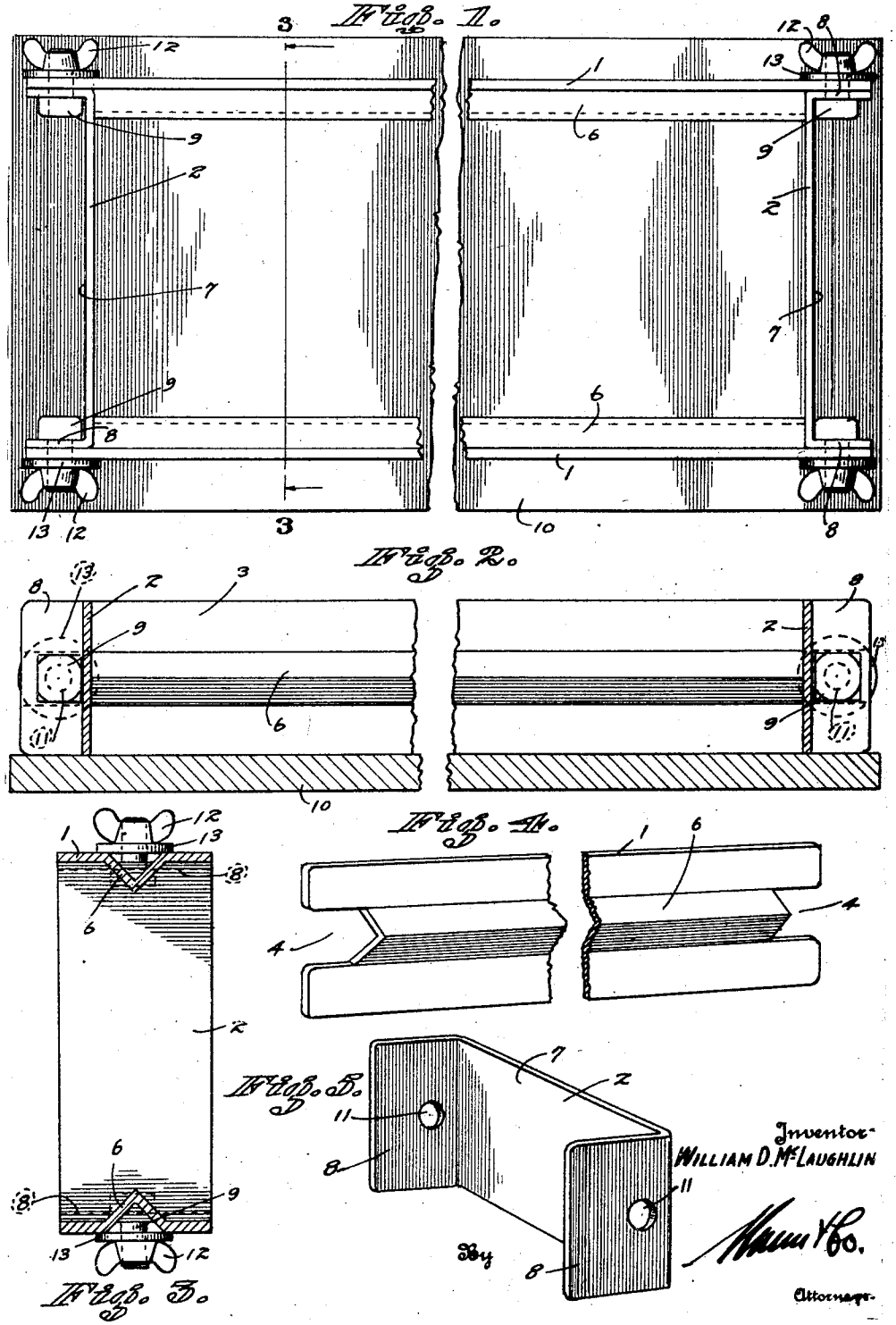
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COLLAPSIBLE FORM FOR CONCRETE BLOCKS

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Fig. 6.

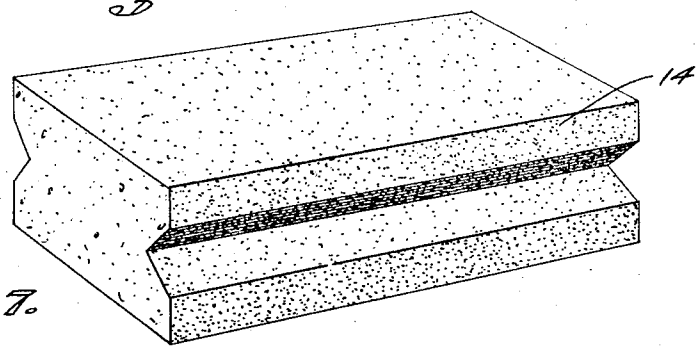


Fig. 7.

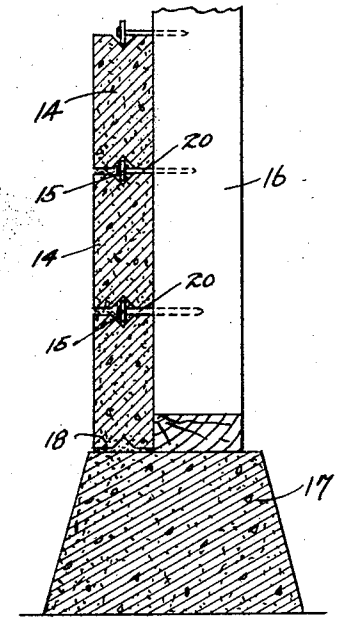


Fig. 8.

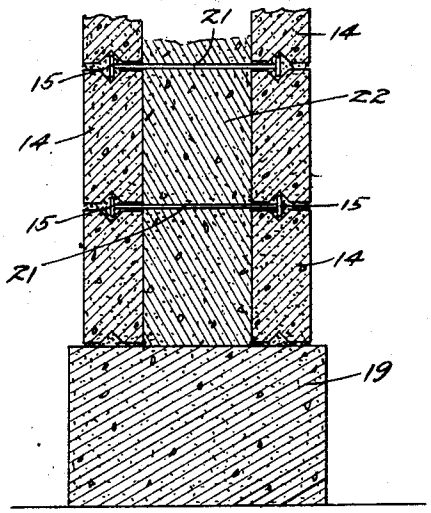
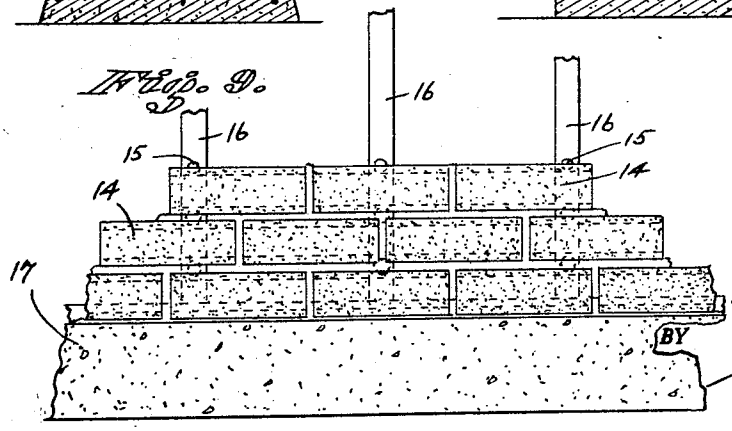


Fig. 9.



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COLLAPSIBLE FORM FOR CONCRETE BLOCKS.

Application filed May 26, 1925. Serial No. 33,001.

The present invention relates to improvements in collapsible forms for concrete blocks, and it is particularly proposed to provide a form by means of which concrete blocks of the conventional form of a brick may be conveniently and cheaply manufactured.

It is further proposed to provide forms of this character which cause longitudinal grooves to be formed in the edges of the said blocks and to utilize these grooves in the erection of a structure for the accommodation of metal strips which may be nailed to a backing such as a series of studdings or the like.

It is further proposed to provide a form that is extremely strong and durable while being simple and easy to handle.

Further objects and advantages of my device will appear as the specification proceeds.

The preferred form of my invention is illustrated in the accompanying drawing, in which—

Figure 1 shows a plan view of my form.

Figure 2 a longitudinal vertical section through the same.

Figure 3 a transverse section taken along line 3—3 of Figure 1.

Figure 4 a perspective detail view of one of the side elements of the form.

Figure 5 a perspective of one of the end elements of the form.

While I have shown only the preferred form of the invention, I wish to have it understood that various changes or modifications may be made within the scope of the claims hereto attached, without departing from the spirit of the invention.

In its preferred form, my device is made up of two side pieces 1 and two end pieces 2, the side pieces consisting of rectangular metal plates 3 provided with central slots 4 in the ends and with inwardly extending V-shaped projections 6 connecting the slots 4, the length of the V-shaped projections or ridges corresponding to the length of the block or brick to be made. One of the end pieces 2 is shown in Figure 5 to consist of a rectangular plate 7 turned at right angles at its two ends to provide flanges 8, the length of the body portion of end members corresponding to the width of the brick to be made. The end members are made for introduction between the side members in such a manner that the body portion of each end member is pushed up against the ends of the projections or ridges 6 of the side members while the flanges 8 lie against the projecting ends of the members and may be secured thereto by means of bolts 9 extending through perforations 11 in the flanges of the end members and through the slots 4 in the side members, a nut 12 serving to tighten the adjacent members together with a washer 13 interposed between each nut and its respective side member.

The manner of assembling this device will be readily understood from the foregoing description. The two side members 1 and the two end members 2, all of which are of the same width are put together in the manner shown in Figure 1 with the end members bearing on the ends of the projections 6 of the side members whereupon all the members are firmly secured together by means of the bolts 9 and the nuts 12.

A large number of forms of this character would, of course, be at the disposal of a manufacturing establishment, so that a number of forms may be arranged on boards 10 and the boards with the forms thereon may be stacked to allow the concrete to settle and harden. Various means may be resorted to for rendering the brick more attractive, such as facing of the same and coloring, but apart from these features the brick when taken out of the form will be provided with the two grooves V-shaped in form along opposite edges of the brick.

The principal object of these longitudinal grooves is to allow a wall made of these bricks to be secured to a backing.

I claim:—

1. A collapsible form for a concrete block comprising two side members exceeding the length of the block to be made and formed with inwardly extending projections equal in length to the said block, and two end members corresponding in length to the width of the block adapted to be pushed up against the projections and having flanges extending outwardly from the ends thereof

lying flat against the side members with means for fastening the flanges upon the side members.

2. A collapsible form for a concrete block comprising two side members exceeding the length of the block to be made and formed with inwardly extending projections equal in length to the said block, with end members fitting upon the projections and means for fastening the same to the side members.

3. A collapsible form for a concrete block comprising two side members formed with inwardly extending projections corresponding in length to the block to be formed and two end members removably secured thereto, the side members extending beyond the projections either way and the end members being secured to the said extensions.

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