

March 18, 1924.

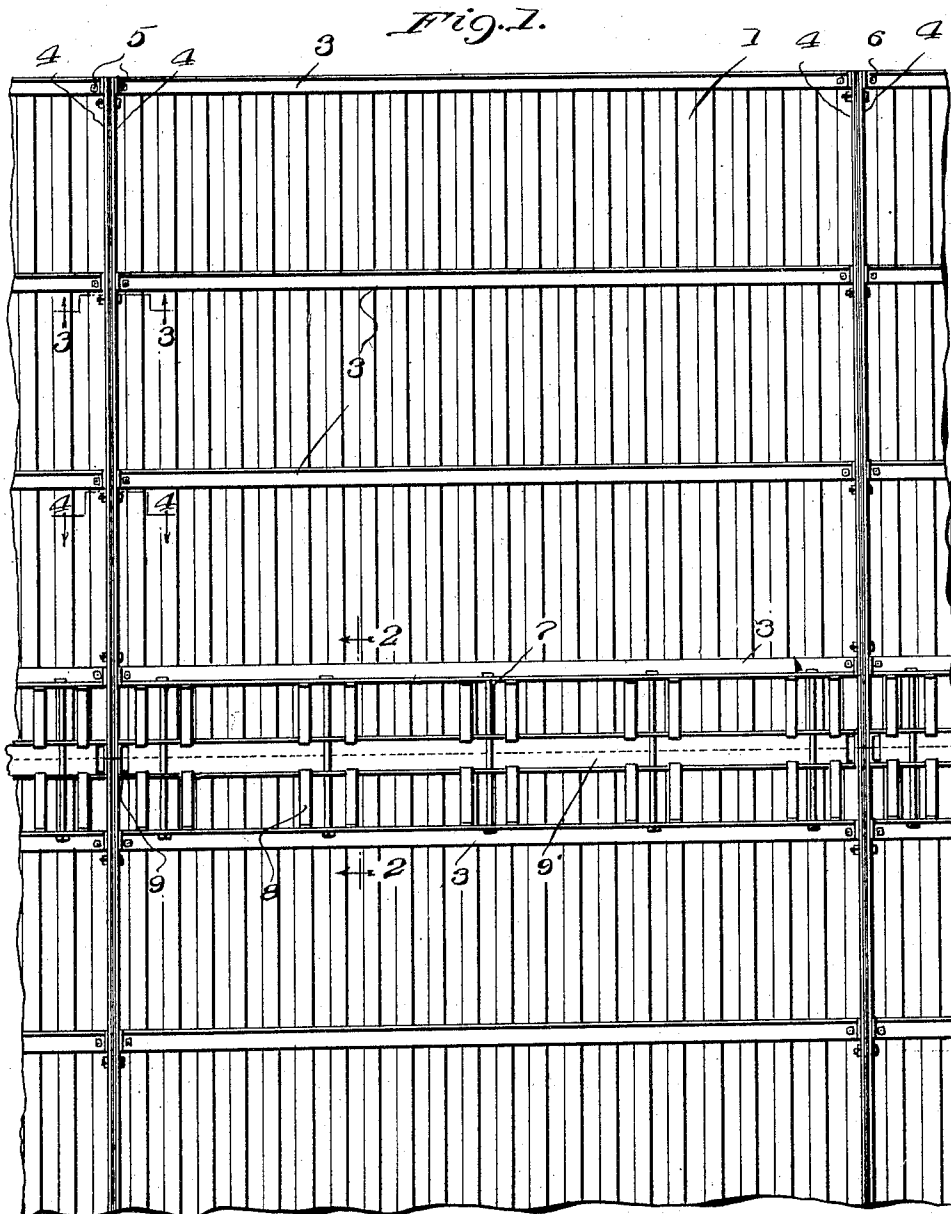
R. M. HENDRICKSON

1,487,239

FORM

Filed May 21, 1923

2 Sheets-Sheet 1



J. B. Middleton
WITNESS:

R. M. Hendrickson
INVENTOR
BY *Victor J. Evans*
ATTORNEY

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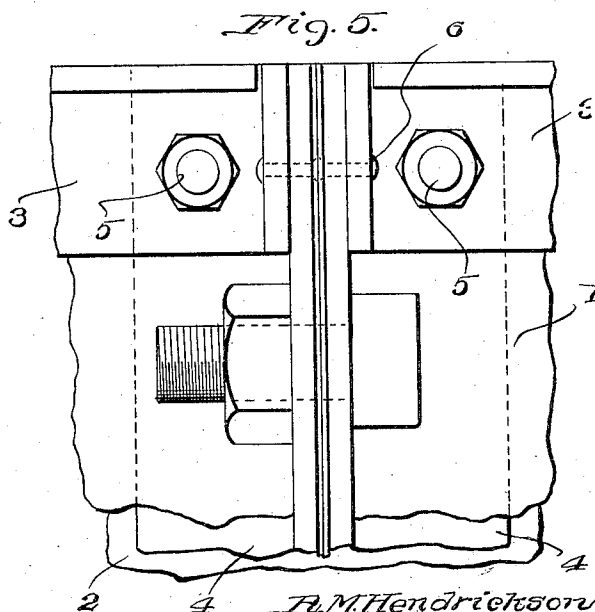
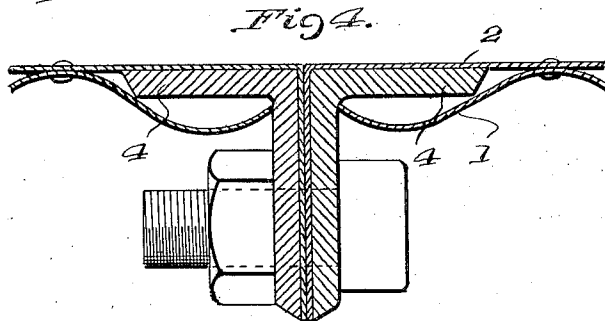
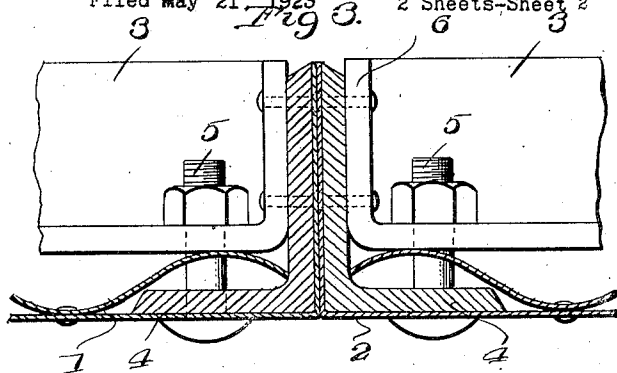
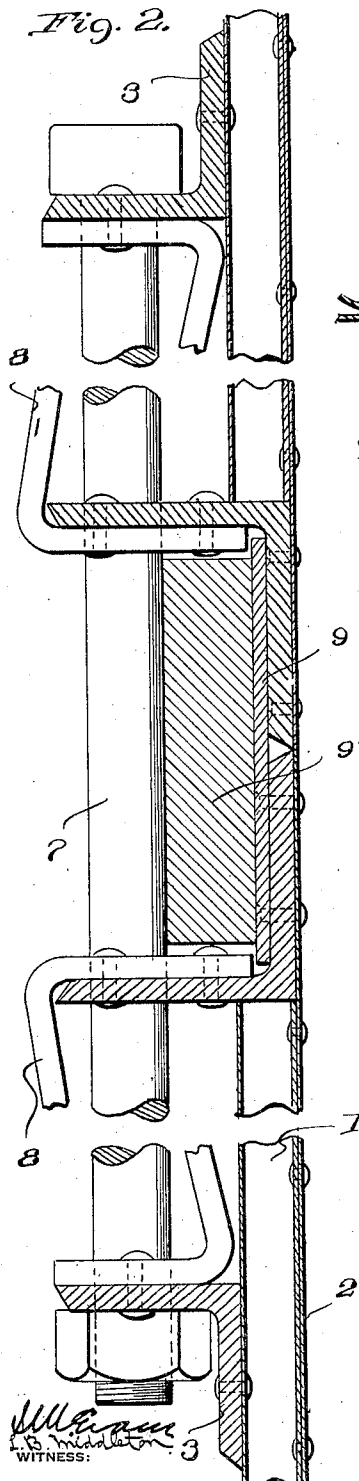
R. M. HENDRICKSON

1,487,239

FORM

Filed May 21, 1923

2 Sheets-Sheet 2



W. B. Hendrickson
WITNESS

R. M. Hendrickson
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UNITED STATES PATENT OFFICE.

RICHARD M. HENDRICKSON, OF HAVRE, MONTANA.

FORM.

Application filed May 21, 1923. Serial No. 640,474.

To all whom it may concern:

Be it known that I, RICHARD M. HENDRICKSON, a citizen of the United States, residing at Havre, in the county of Hill and State of Montana, have invented new and useful Improvements in Forms, of which the following is a specification.

This invention relates to a concrete form or mold, the general object of the invention being to provide a sectional mold which can be used over and over again and the sections of which can be so connected together as to make forms of various sizes.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is an elevation showing a number of sections connected together.

Figure 2 is a section on line 2—2 of Figure 1.

Figure 3 is a section on line 3—3 of Figure 1.

Figure 4 is a section on line 4—4 of Figure 1.

Figure 5 is a detail view showing the construction of the horizontal joint.

As shown in these views the form is constructed of sheets 1 of corrugated metal which are vertically arranged and to which are connected, by rivets or the like, flat sheets 2 which are horizontally arranged, the sheets being braced by the angle irons 3 which are fastened to the outer faces of the corrugated sheets, these angle irons extending horizontally and serve the double purpose of walling and as a support for the timber walling commonly used. Angle irons 4 are arranged at the vertical edges of the sections, these angle irons being bolted to the angle irons 3 by the bolts 5 and the horizontal flanges of the angle irons 4 pass between the corrugated sheets and the flat sheets and the bolts 5 pass through the flat sheets. The ends of the horizontal angle irons 3 are bent so that they may be fastened

to the vertical flanges of the angle irons 4, as shown at 6, and when a pair of sections are arranged side by side the flanges of the angle irons of one section can be fastened to the flanges of the angle iron of the other sections, as shown in Figure 2, by bolts or the like. The horizontal joint of two sections is constructed by passing long bolts 7 through the horizontal flanges of the angle irons 3 and providing braces 8 which have their ends bent and riveted to the horizontal flanges. A plate 9 is riveted to the vertical flanges of some of the angle irons and a filler block 9 is placed between this plate and the bolt 7.

From the foregoing it will be seen that I have provided a sectional form which can be used over and over again and which has great strength and the sections of which can be easily and quickly fastened together to make any size of form desired.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:—

1. A form of the class described comprising vertical sheets of corrugated metal, horizontal sheets of flat metal fastened to the corrugated sheets, angle irons fastened to the outer faces of the corrugated sheets, and angle irons at the vertical edges of the sheets with the flanges fastened to the flat sheets.

2. A form of the class described comprising vertical sheets of corrugated metal, horizontal sheets of flat metal fastened to the corrugated sheets, angle irons fastened to the outer faces of the corrugated sheets, angle irons at the vertical edges of the sheets with the flanges fastened to the flat sheets and bolts connecting the vertical and horizontal angle bars together.

3. A form of the class described comprising vertically arranged corrugated sheets, horizontally arranged flat sheets fastened to the corrugated sheets, horizontally extending angle bars fastened to the corrugated sheets, vertically arranged angle bars fastened to the flat sheets, means for fastening the angle bars together and means for de-

tachably connecting the angle bars at the edges of one section to the angle bars at the edges of another section.

4. A form of the class described comprising
5 ing corrugated sheets and flat sheets fastened together, angle bars connected with the sheets for bracing the same and joint be-

tween two sections consisting of bolts passing through the horizontal flanges of the horizontal angle bars, braces connected with 10 the flanges and a filler block between some of the bars and the bolts.

In testimony whereof I affix my signature
RICHARD M. HENDRICKSON