Feb. 17, 1925. 1,526,776

P. J. DALIDZ

FORM FOR BUILDING WALLS

Filed Dec. 15, 1923

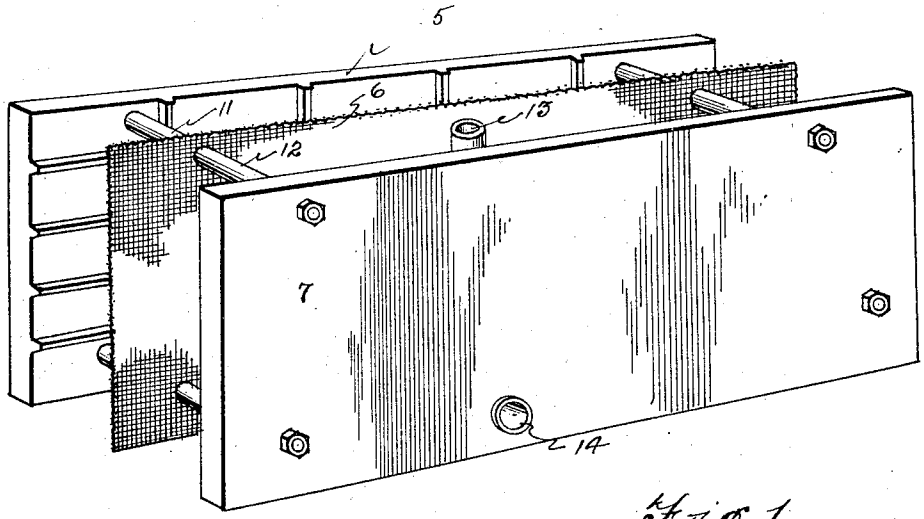


Fig. 1

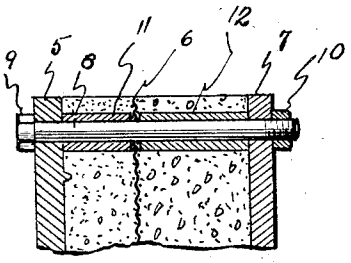


Fig. 3

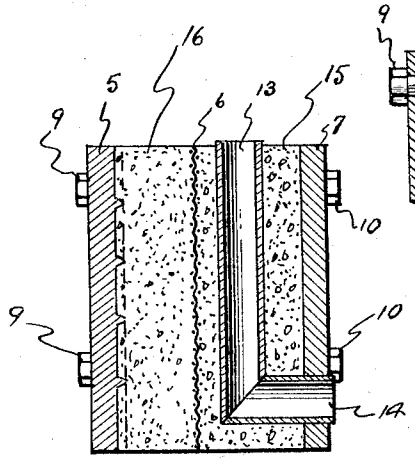


Fig. 2

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FORM FOR BUILDING WALLS.

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To all whom it may concern:

Be it known that I, PETER J. DALIDZ, a citizen of the country of Georgia, and resident of the city of Detroit, county of Wayne and State of Michigan, have invented certain new and useful Improvements in Forms for Building Walls, of which the following is a specification.

My invention is concerned principally with the erection of buildings and has for its object the provision of a cheap and economical construction formed of concrete and adapted to give an outward appearance of a pleasing nature, which will be of rigid construction and also of a damp proof and dust proof nature.

It is a further object to provide a simple and easily operated means for effecting such construction.

With these and other objects in view my invention consists in the arrangement, combination and construction of the various parts of my improved device and the method of making same as described in the specification, claimed in my claims and shown in the accompanying drawings in which:

Fig. 1 is a perspective view of the form used in constructing my improved walls.

Fig. 2 is a central sectional view of the form after it has been filled with concrete.

Fig. 3 is a detailed sectional view showing how the forms are held in place during the formation of the wall.

I have shown a form consisting of an outside wall 5 on the inner face of which an imitation of stone, brick or other like constructions may be placed so as to produce a like imitation in the finished product, a central dividing and separating wall or screen 6 and the inner wall 7. The walls 5, 6 and 7 are joined together by bolts 8 having heads 9 on one end thereof and nuts 10 on the other end thereof. Spacers 11 are provided between the members 5 and 6 and other spacers 12 are provided between the members 6 and 7. The spacers 11 and 12 may be constructed of any suitable material such as hard paper or metal and are of tubular construction so that the bolts 8 extend thru and support them.

A tube 13 is disposed between the members 6 and 7 having an opening 14 which is adapted to extend into the room after the wall is finished. The upper end of the tube 13 may extend out into the elements or into any suitable receptacle for receiving dust, which may be drawn thru the opening 14 from the room.

With the form in place as shown in Fig. 1, rough concrete 15 is poured between the separator 6 and wall 7 while finished cement 16 is poured between the wall 5 and separator 6, thus giving a finished appearance to the outer face of the wall when the member 5 is removed therefrom. After the wall has been formed the nuts 10 are removed, the bolts 8 withdrawn and the portions 5 and 7 removed leaving a finished wall on the outside, and one which may be plastered or otherwise covered on the inside. The holes thru which the bolts had extended may readily be covered with cement.

It will be understood, of course, that breaks in the forms may be made in order to provide for windows, doors or other openings in the structure being erected.

If it is desired, plates or caps may be placed over the ends of the spacers 11 and 12, particularly where they abut the screen 6, so as to prevent entry of water or small portions of cement therein.

It is obvious that various changes may be made in the arrangement, combination and construction of the various parts of my improved device without departing from the spirit of my invention, and it is my intention to cover by my claims such changes as may be reasonably included within the scope thereof.

What I claim is:

1. A form for making walls consisting of an inner member and an outer member, with a separating element of foraminous structure between the two and means for holding said separating element at pre-determined distances from said inner and outer member.

2. A form for making walls consisting of an inner member and an outer member, with a separating element of foraminous structure between the two and means for holding said separating element at pre-determined distances from said inner and outer member, said means consisting of tubes adapted to bear against the faces of said members and said element, and rods extending thru said tubes and thru said members and said element.

3. A form for making walls consisting of an inner member and an outer member,

a foraminous element adapted to separate and position plastics between the two, bolts extending through said members and said element for holding said members in the desired positions, and tubular members positioned around said bolts between said members and said separating element to definitely space said element from said members and space said members from each other.

4. A form for making walls consisting of an inner member and an outer member, a foraminous element adapted to separate and position plastics between the two, bolts extending through said members and said element for holding said members in the desired positions, and tubular members positioned around said bolts between said members and said separating element to definitely space said element from said members and space said members from each other, said tubular members covering and projecting those portions of said bolts between said members so that said bolts may be withdrawn after said form has been filled.

PETER J. DALIDZ.