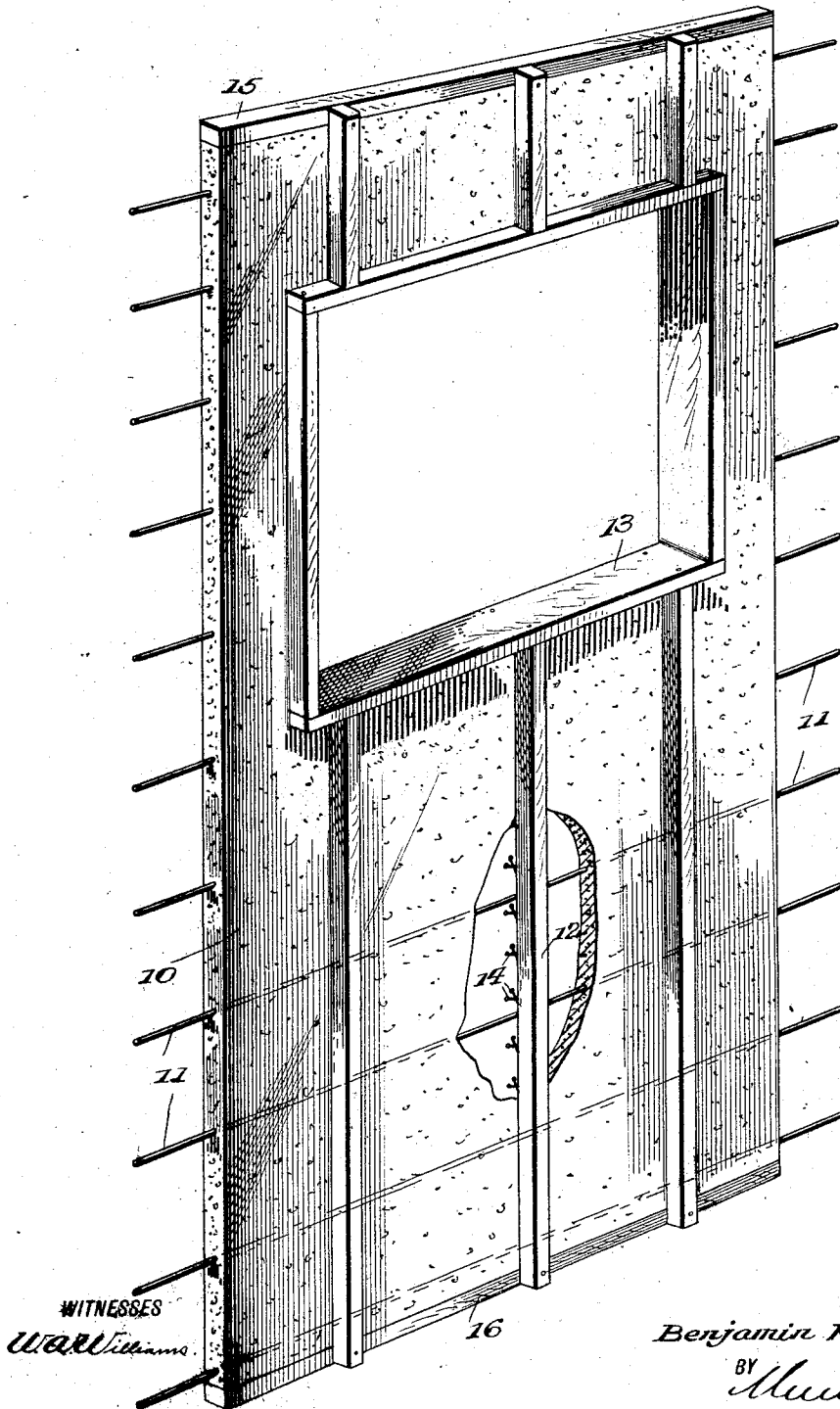


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UNIT SLAB FOR BUILDING WALLS.  
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## UNITED STATES PATENT OFFICE.

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UNIT SLAB FOR BUILDING WALLS.

Application filed April 28, 1920. Serial No. 377,226.

*To all whom it may concern:*

Be it known that I, BENJAMIN F. DAVIS, a citizen of the United States, and a resident of Miami, in the county of Dade and State of Florida, have invented a certain new and useful Improvement in Unit Slabs for Building Walls, of which the following is a specification.

My present invention relates generally to building walls, and more particularly to a unit slab capable of being molded apart from the wall in which it is to be utilized, and the formation upon either the site of the building or at a distant point as for instance at the factory or molding sheds from which the slabs may be distributed to the point of erection, my object being the provision of a simple inexpensive slab through the use of which the joining of slabs in a wall may be readily completed and finishing of the inner surface of the wall as by means of plaster and the like may be readily completed.

In the accompanying drawing, illustrating my invention and forming a part of this specification, the figure is a perspective view of a unit slab for building walls as proposed by my invention.

In the drawing I have shown a slab of generally rectangular form whose body 10 is made up of concrete, molded with embedded transverse reinforcing rods 11 and vertical furring strips 12, the latter of which project inwardly beyond the inner face of the body 10 of the slab and extend from the top to the bottom thereof. These furring strips 12 are in unbroken relation in a solid slab and extend above and below a frame such as a window frame 13 with which I have shown the present slab equipped, and which is of course necessary in certain slabs of a wall.

The embedding of the furring strips 12 and their permanent connection with the body of the slab is preferably effected by means of spikes, nails and the like 14 driven partially into the inner faces of the furring strips, with their projecting portions embedded in the slab so that the furring strips act as reinforcements for the slab in a direction at right angles to the transverse em-

bedded reinforcing rods 11, the upper and lower ends of the furring strips being connected to upper and lower cross rails 15 and 16 at the upper and lower ends of the body 10. It is of course to be understood that the spikes, nails or the like 14 are employed where the furring strips 12 are utilized of wood and in case of metal furring strips, parts of such strips are embedded in the concrete body 10 rather than nails and like implements attached thereto so as to form a part thereof in the manner shown.

It is obvious that by virtue of the furring strips 12, projecting as they do beyond the inner face of the slab, the inner finishing of a wall constructed of such slabs may be readily completed, the furring strips providing for the ready reception of metal or other lath if plastered walls are desired, and also providing for the ready reception of composition board and the like.

It is also obvious that by virtue of the extension of the ends of the transverse reinforcing rods 11 beyond the side edges of the slab, connection of adjacent slabs may be readily completed through the construction of connecting concrete columns, pilasters and the like, in which the projecting portions of the reinforcing rods of adjacent slabs will be embedded.

The slab proposed by my invention is thus capable of ready, quick and economical formation and may be effectively employed in wall constructions with the advantages heretofore mentioned.

I claim:—

A unit slab for building walls, formed of concrete and having furring strips embedded from top to bottom therein and extending inwardly beyond the inner face thereof, and reinforcements including bars embedded therein at right angles to the furring strips and projecting at their outer ends beyond the side edges of the slab.

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Witnesses:

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