

No. 747,579.

PATENTED DEC. 22, 1903.

L. N. BLYDENBURGH.
METHOD OF BUILDING CONSTRUCTION.

APPLICATION FILED MAR. 19, 1902.

NO MODEL.

Fig. 1.

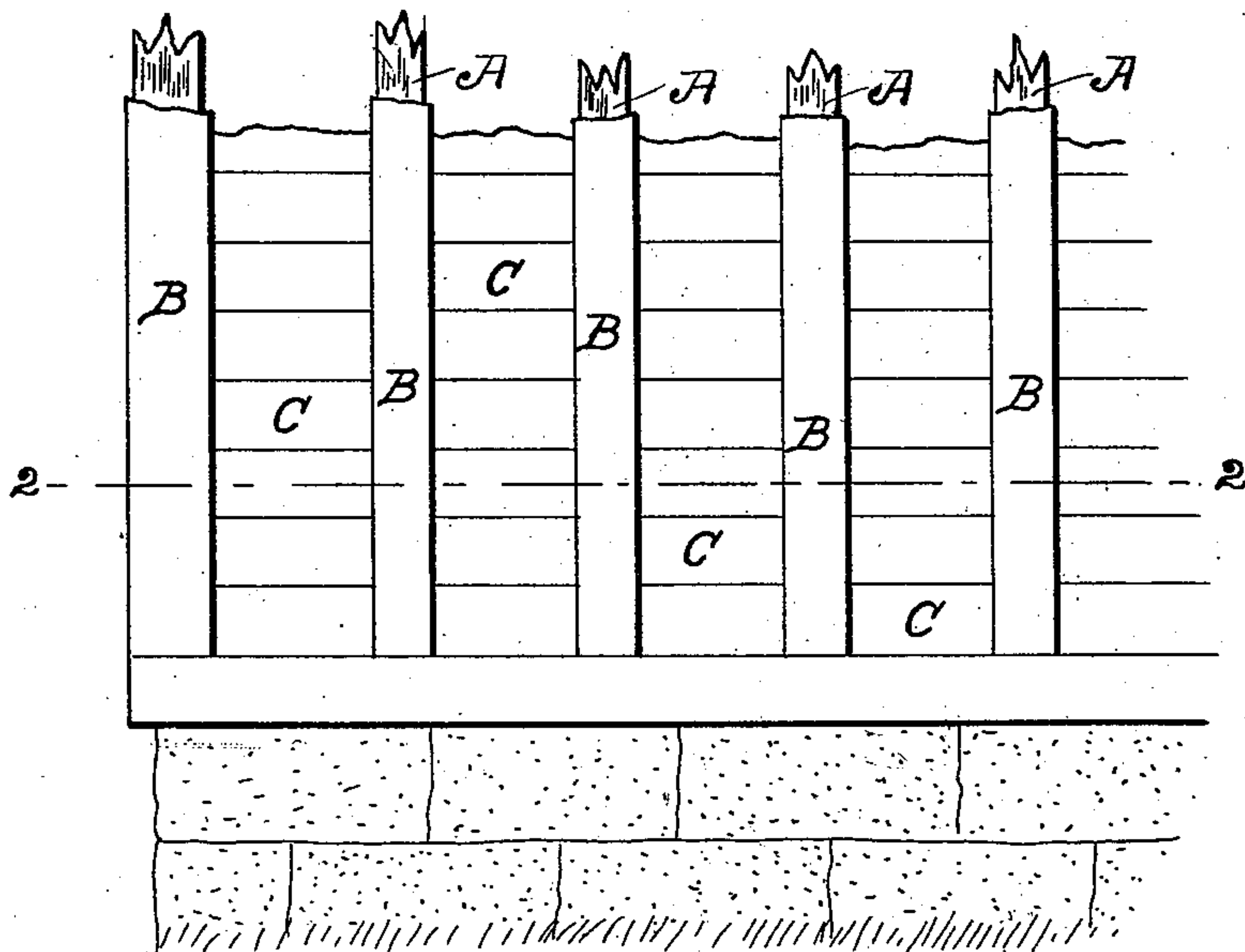


Fig. 2.

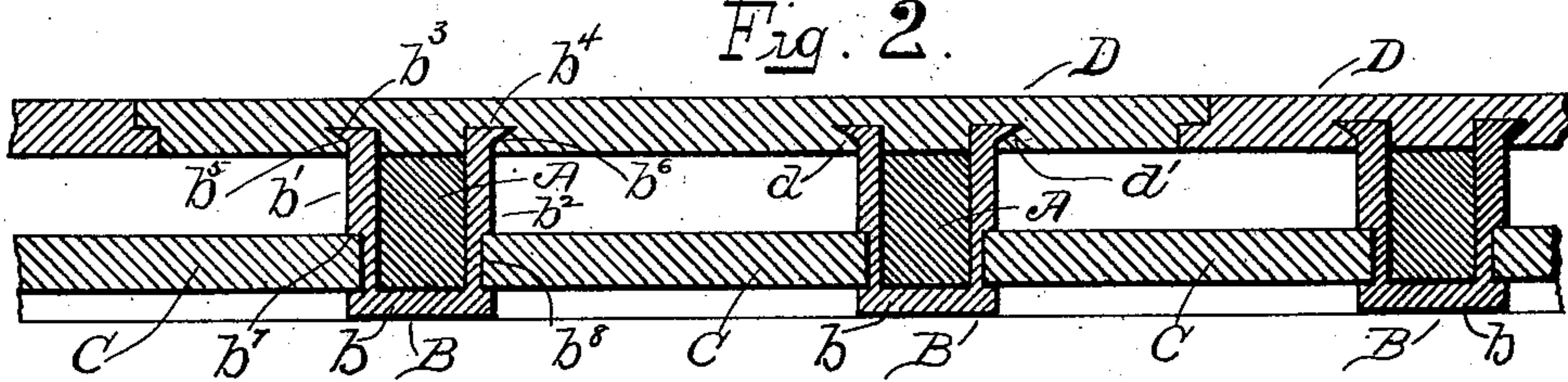
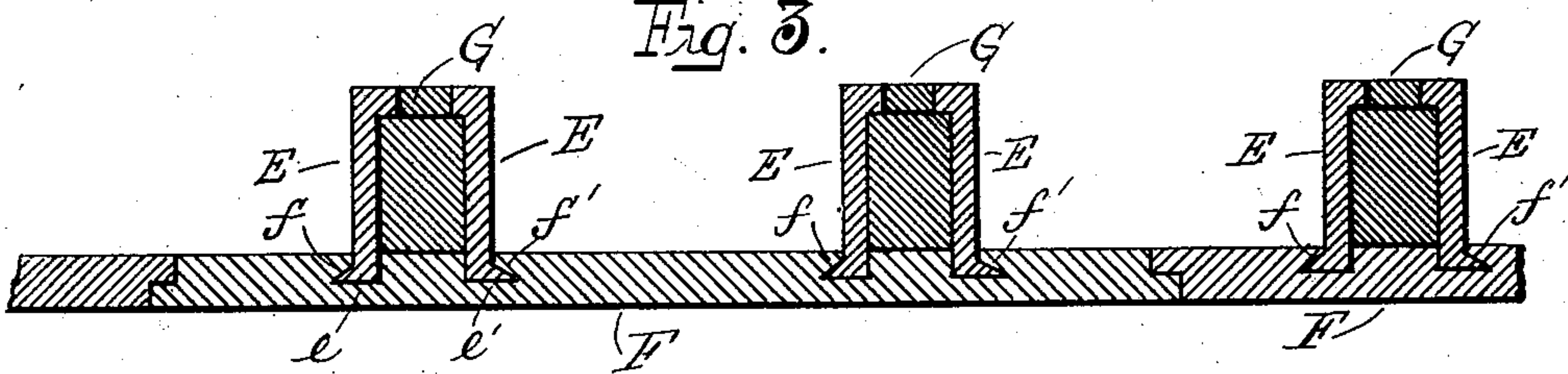


Fig. 3.



WITNESSES:

J. J. Coleman
G. E. Ames

INVENTOR

L. N. Blydenburgh

BY

George W. Robinson
his ATTORNEY

UNITED STATES PATENT OFFICE.

LEVI N. BLYDENBURGH, OF NEW HAVEN, CONNECTICUT.

METHOD OF BUILDING CONSTRUCTION.

SPECIFICATION forming part of Letters Patent No. 747,579, dated December 22, 1903.

Application filed March 19, 1902. Serial No. 98,967. (No model.)

To all whom it may concern:

Be it known that I, LEVI N. BLYDENBURGH, a citizen of the United States, and a resident of the city and county of New Haven, in the State of Connecticut, have invented a new and useful Improvement in the Construction of Buildings, which is fully set forth and described in the following specification, taken in connection with the drawings which form a part thereof, and in which—

Figure 1 is an elevation embodying my invention; Fig. 2, a section through 2 2 of Fig. 1; Fig. 3, a sectional view of a modified form of construction.

In all figures similar letters of reference represent like parts.

My invention relates to the constructing of buildings, and more particularly to the construction of the inner and outer walls of a building, in the combination of studs provided with casings, and slabs adapted to be secured to said studs, as more fully shown and described hereinafter.

In the drawings, A represents the studs of a building partially surrounded by a case or casings B, of artificial stone or other suitable material, consisting of a front b , sides b' and b'' , the ends b^3 and b^4 of said sides b' and b'' being adapted to extend beyond the inner edges of said studs and have formed thereon matching joints b^5 and b^6 . On said sides b' and b'' of said case or casings B are formed grooves b^7 and b^8 . Slabs C of artificial stone or other suitable material are adapted to fit in the grooves b^7 and b^8 of said case or casings to be held thereby and rest one upon the other in well-known manner to form the outer walls of a building, allowing said case or casings to show on said outside of the building, as shown in Figs. 1 and 2. Slabs D of artificial stone or other suitable material, having formed on their inner surface corresponding matching joints d and d' , are adapted to fit over the matching joints b^5 and b^6 of the case or casings B, one on top of the other, and be locked thereby in well-known manner, thus making the inside wall of a building, as shown in Fig. 2.

Fig. 3 shows a modification in the form and combination of said studs and slabs and in which the studs A are partially inclosed by a divided case or casings E, of artificial stone

or other suitable material, the ends of which extend beyond the outer edges of said studs and have formed thereon matching joints e and e' , while the inner ends thereof partially inclose the inner side of said studs, as shown in Fig. 3. Slabs F of artificial stone or other suitable material, having corresponding matching joints f and f' , are adapted to fit over matching joints e and e' of the case or casings E, one on top of the other, and be locked thereby in well-known manner to make the outer wall of a building, and a strip of wood or other suitable material G of equal thickness to said case or casings is adapted to be secured to the side of said studs A between the inner ends of said case or casings, to which is adapted to be secured laths for the construction of the inside wall in well-known manner and as shown in Fig. 3.

Having now described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a building, the combination with the studs; casings on said studs with the ends of said casings extending beyond said studs and having formed integral therewith matching joints; slabs having formed on their inner surface corresponding matching joints adapted to fit over the matching joints on said casings and be secured thereby; grooves in said casings, and slabs adapted to fit in said grooves and be held thereby, substantially as described.

2. In a building, the combination with the studs thereof; of divided casings, the outer ends of which are adapted to extend beyond the outer edges of said studs and the inner ends thereof to partially inclose the inner side of said studs; matching joints formed integral with the outer ends of said casings; and slabs having on their inner surface corresponding matching joints adapted to fit over the matching joints on said casings and be held in position thereby, substantially as described.

In witness whereof I have hereunto set my hand, at New Haven, in the county of New Haven and State of Connecticut, this 17th day of March, 1902.

LEVI N. BLYDENBURGH.

Witnesses:

M. A. SEGAR,
JOHN G. REILLY.