

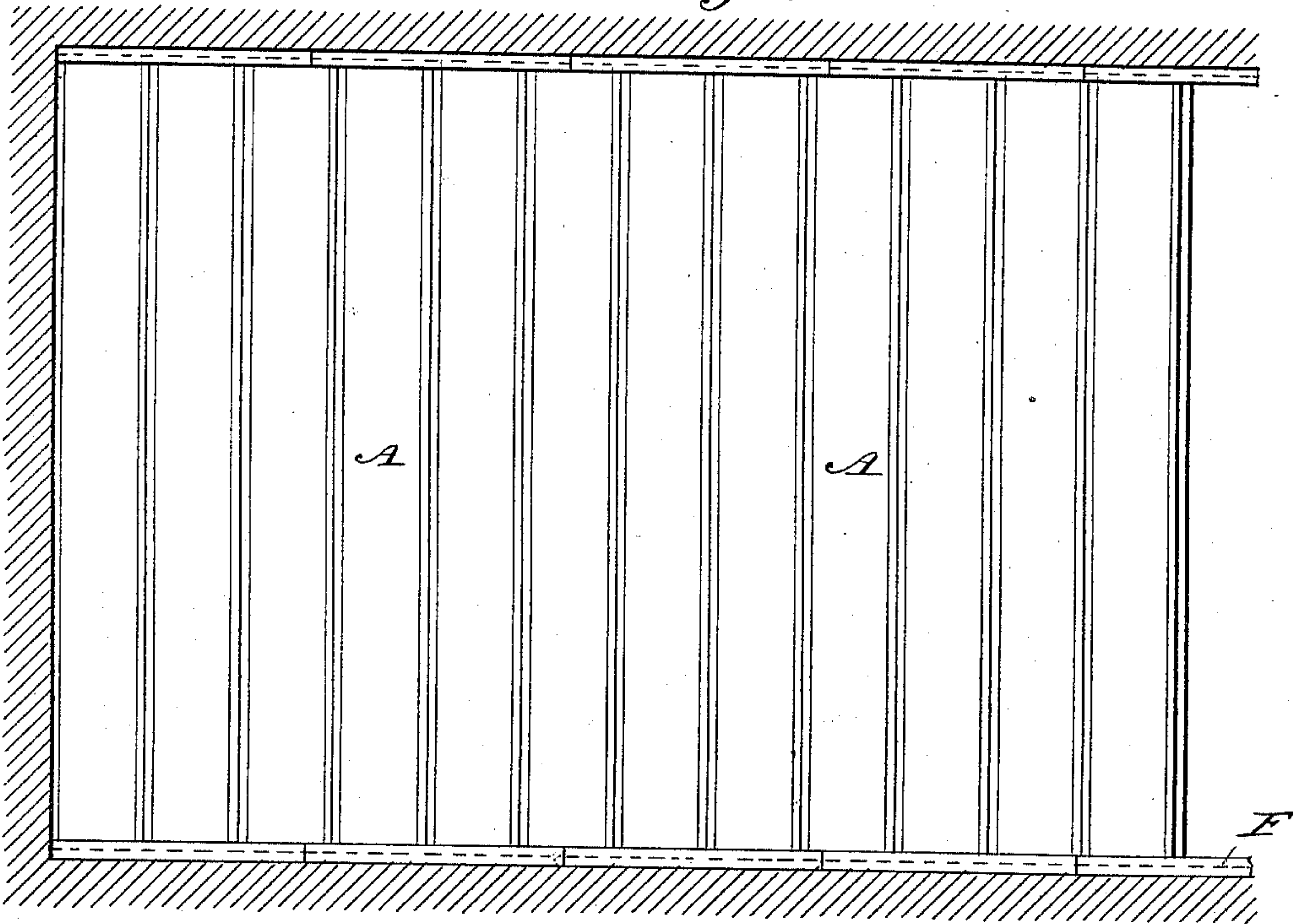
(No Model.)

C. W. WHITE.  
FIRE PROOF PARTITION.

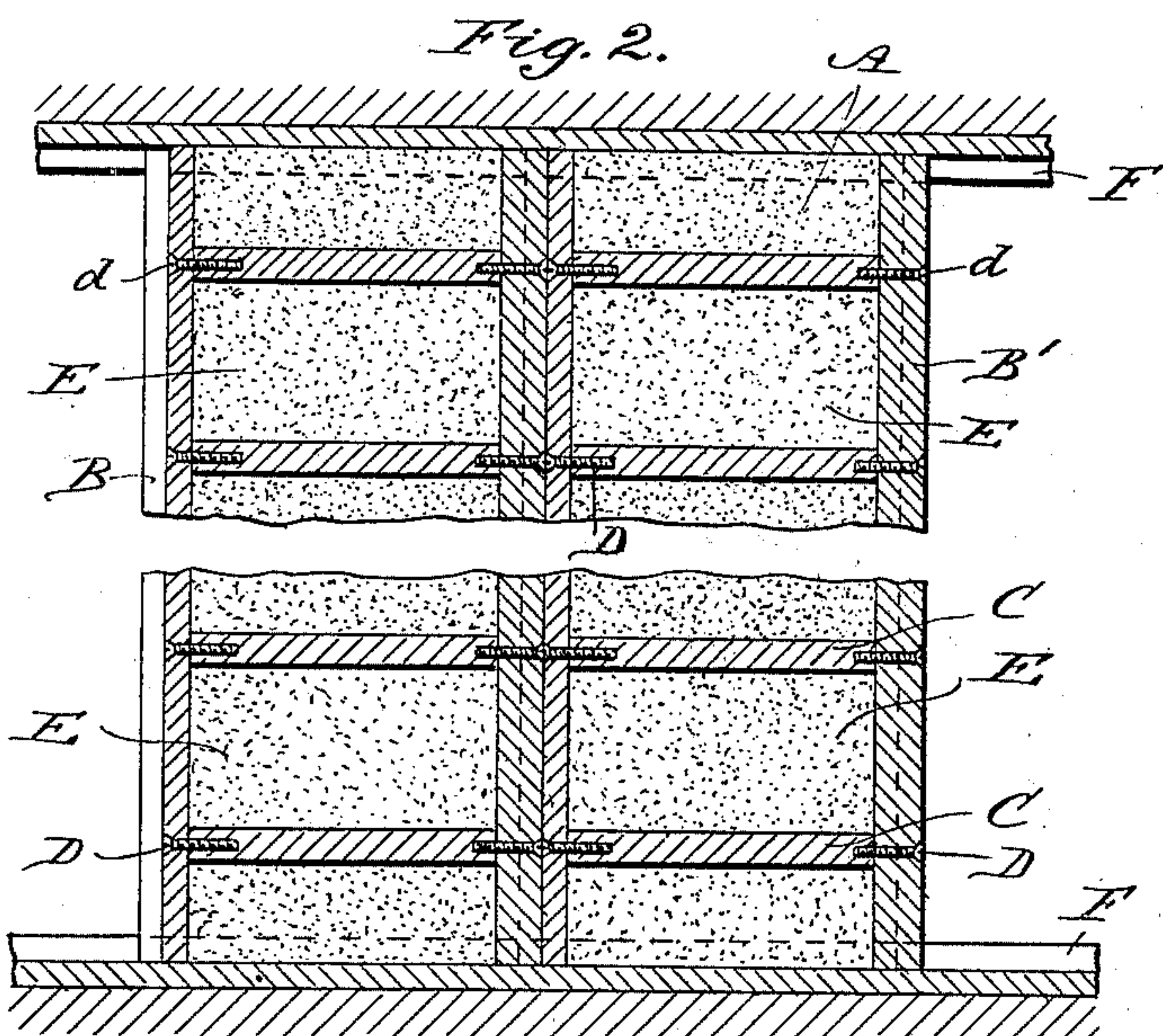
No. 432,917.

Patented July 22, 1890.

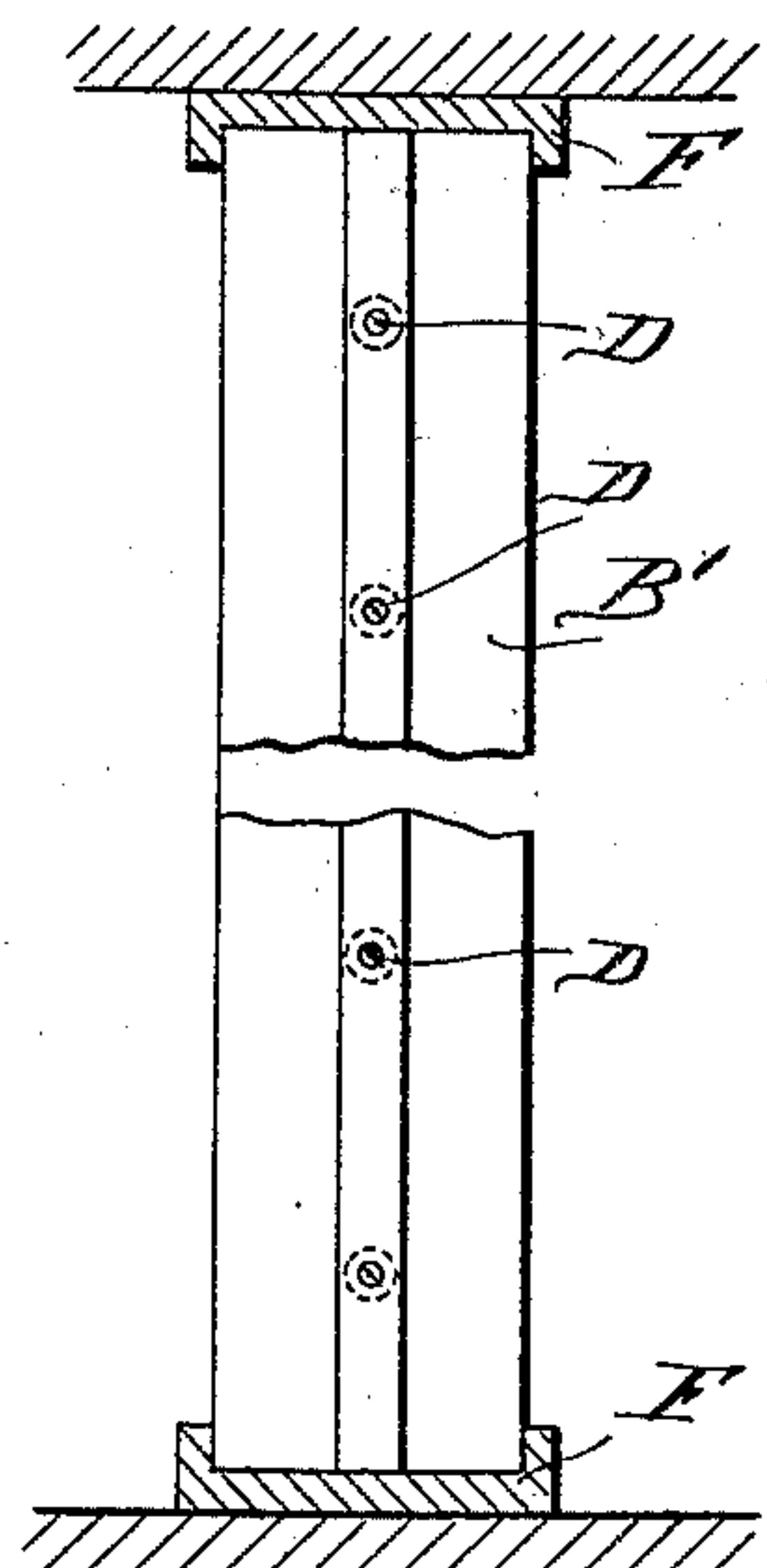
*Fig. 1.*



*Fig. 2.*

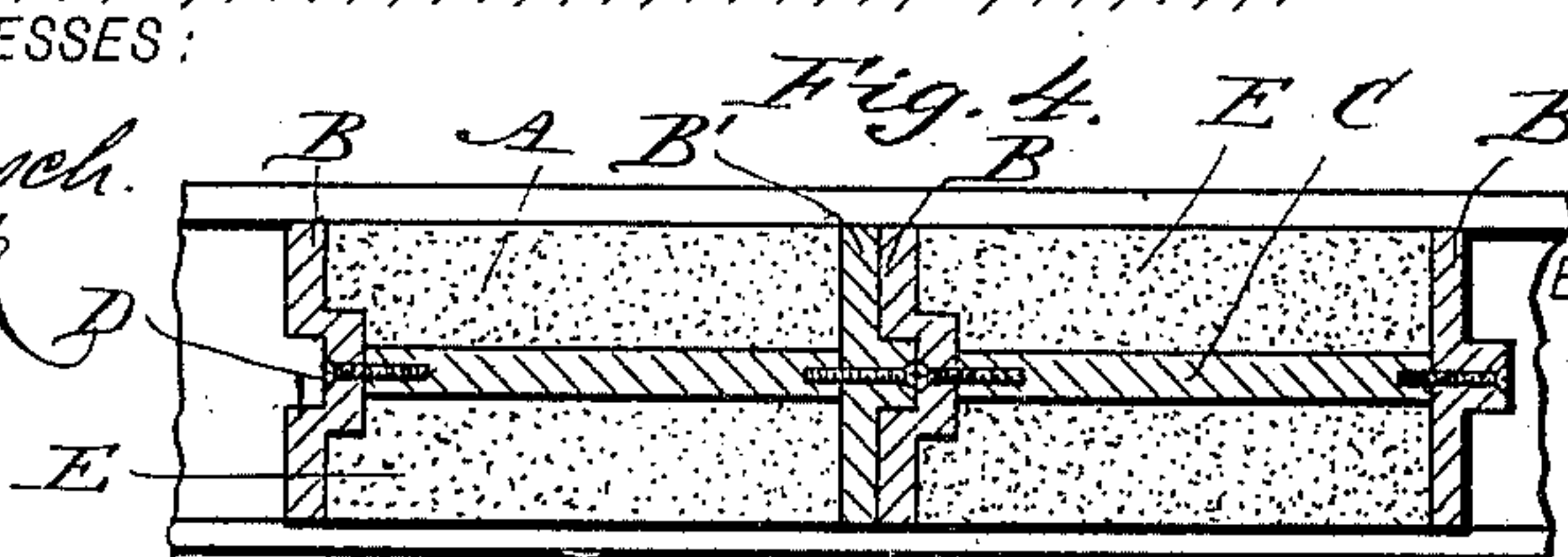


*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES W. WHITE, OF NEW YORK, N. Y.

## FIRE-PROOF PARTITION.

SPECIFICATION forming part of Letters Patent No. 432,917, dated July 22, 1890.

Application filed December 3, 1889. Serial No. 332,379. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES W. WHITE, of the city, county, and State of New York, have invented a new and Improved Fire-  
5 Proof Partition, of which the following is a full, clear, and exact description.

My invention relates to partition-walls, and has for its object to provide a construction whereby they may be quickly and readily  
10 adjusted, will be fire-proof, and practically a non-conductor of sound.

The invention consists in the construction and combination of parts, as will be hereinafter more fully described, and pointed out in  
15 the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

20 Figure 1 is a front elevation of a partition-wall constructed in accordance with my invention. Fig. 2 is a vertical section. Fig. 3 is an end view, and Fig. 4 is a horizontal section.

25 The partition-wall is made up of a series of slabs A, joined together by a tongue-and-groove joint. The frame-work of the slabs is constructed with vertical iron bars B and B', the bar B having a longitudinal groove and  
30 the bar B' having a longitudinal tongue. Straps of iron C are secured to the bars B and B' by screws D countersunk in the groove and tongue and passing into the straps. The straps C connect the bars B and B' together,  
35 and also afford a hold for the filling material E. For filling I prefer to use a plaster made

of the usual material, combined with asbestos; but any fire-proof material may be used.

F are tracks secured to the floor and ceiling, on which the slabs slide. The track may 40 be made continuous or in sections.

In putting up the partition the track is placed in position on the ceiling and floor. Then a slab is run on the track to the end and against the side wall. The next slab of 45 the series is then run up to the first one, presenting a tongue or groove to correspond, making a close joint. After the partition is put up in this manner a finishing-coat of plaster may be applied, or, if desired, wall- 50 paper or other ornamental finish may be given.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent— 55

1. A partition made up of a series of slabs constructed with an iron frame and plaster filling and joined together by tongue and groove, substantially as shown and described.

2. The combination, with a frame composed 60 of side bars having tongue and groove and connected by cross-straps, of a plaster filling, substantially as shown and described.

3. The combination, in a partition, of the frame composed of bars B and B' and cross- 65 straps C, the filling E, and the tracks F, substantially as shown and described.

CHARLES W. WHITE.

Witnesses:

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