

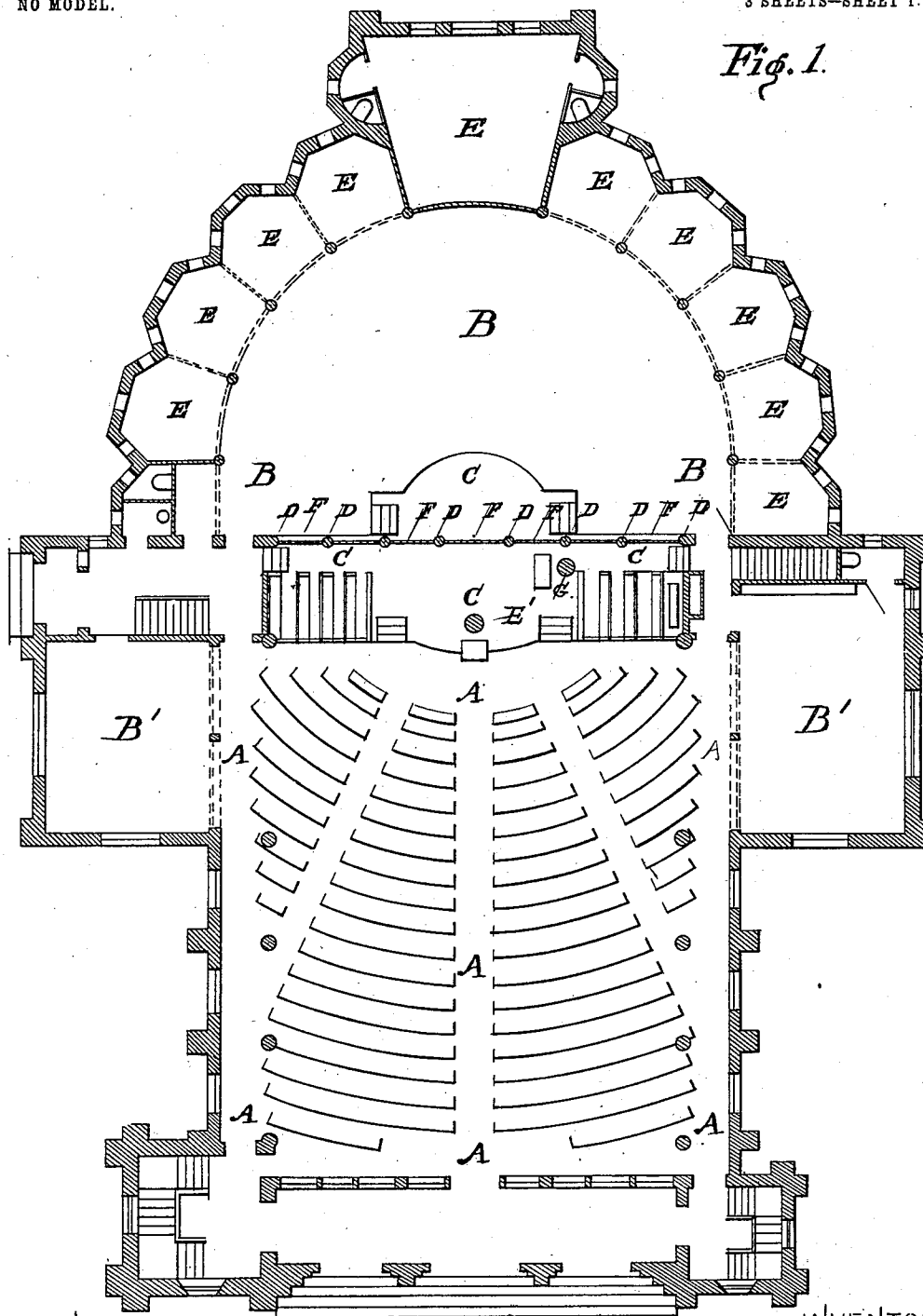
No. 723,426.

PATENTED MAR. 24, 1903.

L. B. VALK.  
COMBINATION BUILDING.  
APPLICATION FILED NOV. 4, 1901.

NO MODEL.

3 SHEETS--SHEET 1.



WITNESSES.

Gail Borden  
& Major Taber

INVENTOR

By  $\frac{f}{H}$  John Day Lawrence Bolton Vark. ATTORNEY.

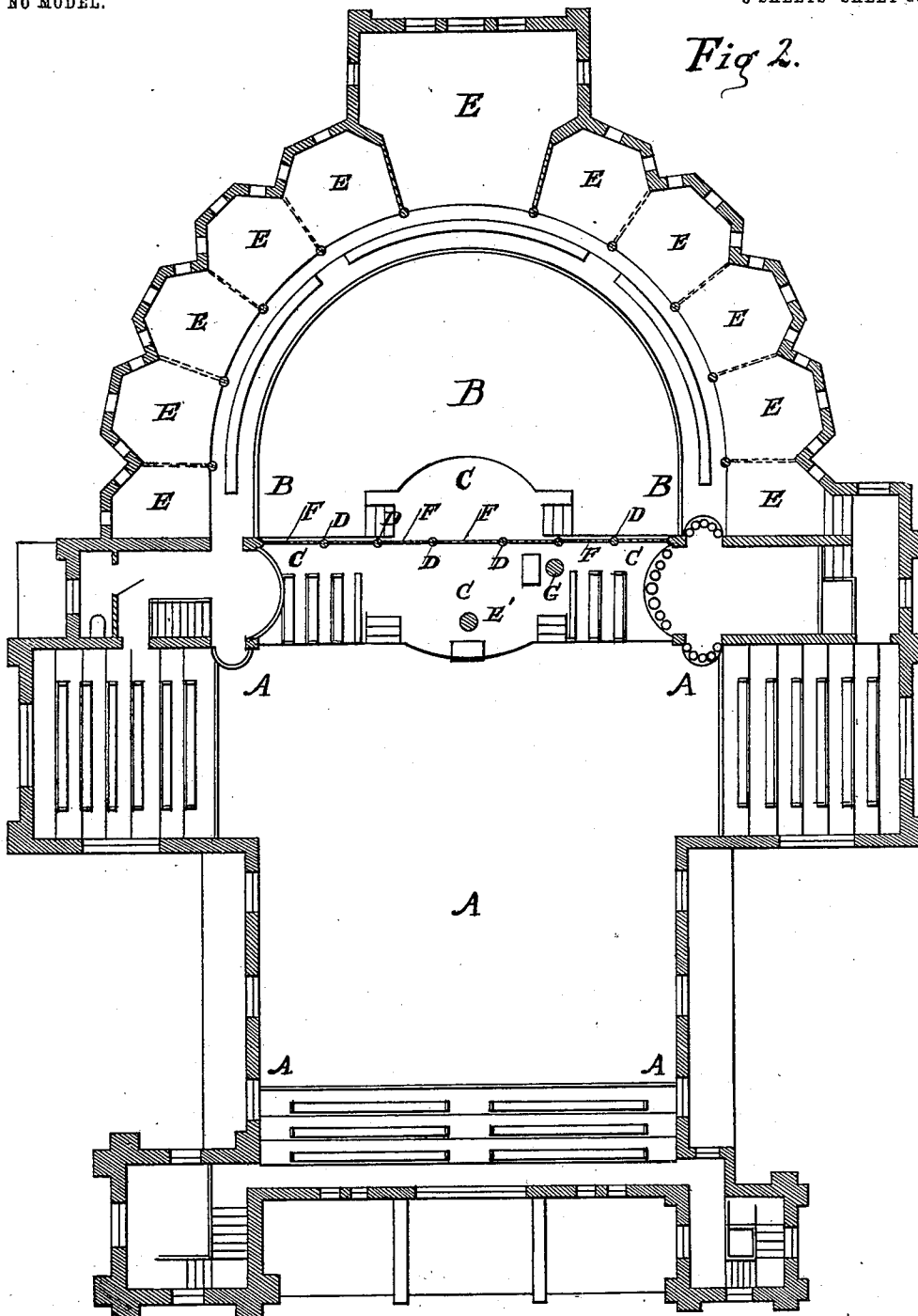
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3 SHEETS—SHEET 2.



WITNESSES,  
*Gail Borden*  
*& Major Tabor.*

INVENTOR,  
*Lawrence Bolton Valk*  
*By John Day.* ATTORNEY.

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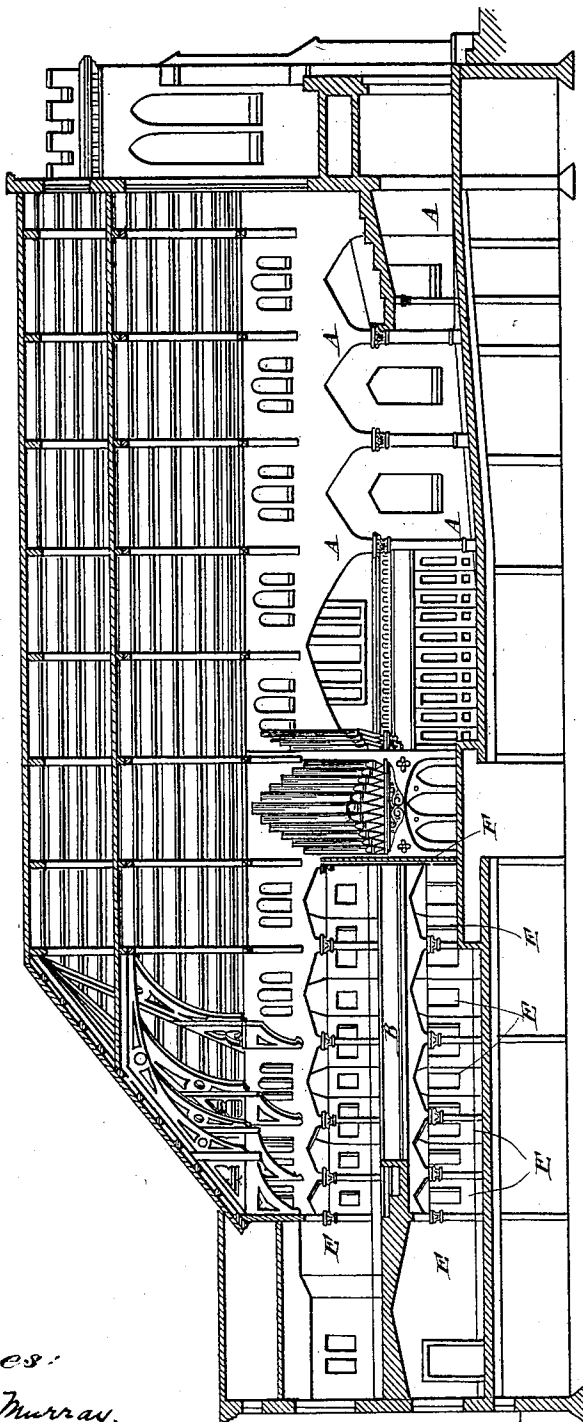
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3 SHEETS—SHEET 3.

Fig. 3.



Witnesses:  
William E. Murray.  
Hadasah Day.

Inventor:  
Laurence Bolton Valk  
By  
St. John Day  
Attorney.

# UNITED STATES PATENT OFFICE.

LAURENCE BOLTON VALK, OF LOS ANGELES, CALIFORNIA.

## COMBINATION BUILDING.

SPECIFICATION forming part of Letters Patent No. 723,426, dated March 24, 1903.

Application filed November 4, 1901. Serial No. 81,045. (No model.)

*To all whom it may concern:*

Be it known that I, LAURENCE BOLTON VALK, of the city of Los Angeles, in the county of Los Angeles, in the State of California, have  
5 invented a certain new or Improved Combination Edifice Adapted for Use for Ecclesiastical or Religious and Scholastic Purposes, of which the following is a full, clear, and exact description or specification, reference being  
10 had to the annexed sheets of drawings and to the letters marked thereon.

My said invention, which relates to a new or improved combination of structures to be used for ecclesiastical or religious purposes  
15 and for educational purposes, consists of an edifice which is seated and divided into aisles and with or without transepts after the manner of a church and which constitutes the nave or front part of the edifice, and another  
20 edifice which constitutes the apse or rear part of the building, the two edifices being combined into one structure and having between them a platform extending completely across the edifice which can be used for the several  
25 offices or practices of ecclesiastical or religious ceremonial as well as for the performance of any religious rites upon, while when not in such use the said platform is adapted for being used as one floor upon which are ar-  
30 ranged the tables or desks and seats for speaker or teachers and others who address an audience or attend to or carry on educational duties in respect of the pupils or students who occupy the class-rooms, which are  
35 arranged in circular form, occupying the circular part of the apse or segmentally-formed rear part of the edifice, and these class-rooms so arranged constitute an essential feature of my present invention. The platform is pro-  
40 vided with a rood-screen and sliding panels, as hereinafter described.

It is to be understood that the arrangement hereinbefore described may be applied both to a ground-floor and to a basement, as well  
45 as to galleries, of an edifice constructed and arranged according to this invention and that this invention includes all such modifications or variations as are or may be comprised within the limits or scope of my present  
50 invention.

Upon the annexed drawings, Figure 1 is a ground plan of an edifice constructed accord-

ing to my present invention. Fig. 2 is a gallery plan of the said edifice. Fig. 3 is a longitudinal section of the same.

55 Upon the annexed drawings the nave of the building is marked A, and the rear chamber or apse is marked B, while the parts marked B' B' are transepts; but these constitute no essential part of my invention and  
60 may be dispensed with. Across the space where the nave A and the apse B meet there is a platform C, and this platform C is common to both the nave A and apse B, and this platform C, in combination with the nave A  
65 and apse B and extending completely across the edifice, is an essential feature of my present invention. The purpose for placing the platform C in the position where the nave A and apse B meet is twofold—namely, to en-  
70 able a speaker when addressing an audience in the nave A to place himself in such position on the platform C that he can address an audience in the nave A wholly by placing  
75 himself in such position as to correspond to the position marked E' in Figs. 1 and 2 and when requiring to address an audience in the apse B only he can locate himself on that  
80 part of the platform C nearer to and facing the audience in the apse B on the opposite side of the rood-screen, (marked D.)

The segmental part of the apse B is constructed with several class-rooms E E E, &c., which are arranged in a radial relationship to each other and so that they all focus to-  
85 ward the speaker on the apse focus position of the platform C, so that not only is the speaker's voice distinctly heard in all the class-rooms E E E, but the occupants of any or all of the class-rooms can equally behold the  
90 speaker. This arrangement or construction of the class-rooms constitutes an essential feature of my present invention.

Another essential feature of my present invention consists in constructing the rood-  
95 screen D with vertically-sliding panels F F between the columns, so that these panels may be kept closed when either the nave A or the apse B are to be used separately, or these panels F F may be opened when the  
100 nave and apse are to be used jointly—that is to say, as a single audience-chamber—and in which case the length of the platform C enables a speaker to occupy a lateral position

on the platform A—such, for example, as the position marked G in Figs. 1 and 2—and when such position is taken up by a speaker the speaker's voice is audible throughout the nave  
5 A and apse B thus combined and opened into one or a single chamber.

It is to be understood that the arrangement and construction hereinbefore described and shown upon Fig. 1 of the drawings is equally  
10 applicable to the gallery plan shown at Fig. 2 of the drawings and that the arrangement is such that the entire building may be similarly used when the floor of each gallery-level is made removable and replaceable.

15 Having now described the nature of my said invention and the best system, mode, or manner I am at present acquainted with for carrying the same into practical effect, I desire to observe in conclusion that what I consider  
20 to be novel and original, and therefore claim as the invention to be secured to me by Letters Patent, is as follows:

1. A structure or edifice consisting of the combination of a nave and apse provided with  
25 a platform extending completely across the edifice at the junction of the nave and apse,

common to both the nave and apse, and the rood-screen, also extending completely across the platform in the manner and for the purposes substantially as hereinbefore described. 30

2. A structure or edifice consisting of the combination of a nave and apse provided with a platform extending completely across the edifice at the junction of the nave and apse, common to both the nave and apse, and so  
35 arranged that in connection with a rood-screen, also extending entirely across the platform, the nave and apse may be used as separated audience-chambers or as one audience-chamber, the circular or segmental part of  
40 the apse being provided with class-rooms arranged radially, substantially as hereinbefore described.

In testimony whereof I, the said LAURENCE B. VALK, have hereunto set my hand and seal,  
45 in the presence of two subscribing witnesses, this 11th day of October, A. D. 1901.

LAURENCE BOLTON VALK. [L. S.]

Witnesses:

ST. JOHN DAY,  
HADASSAH DAY.