

(No Model.)

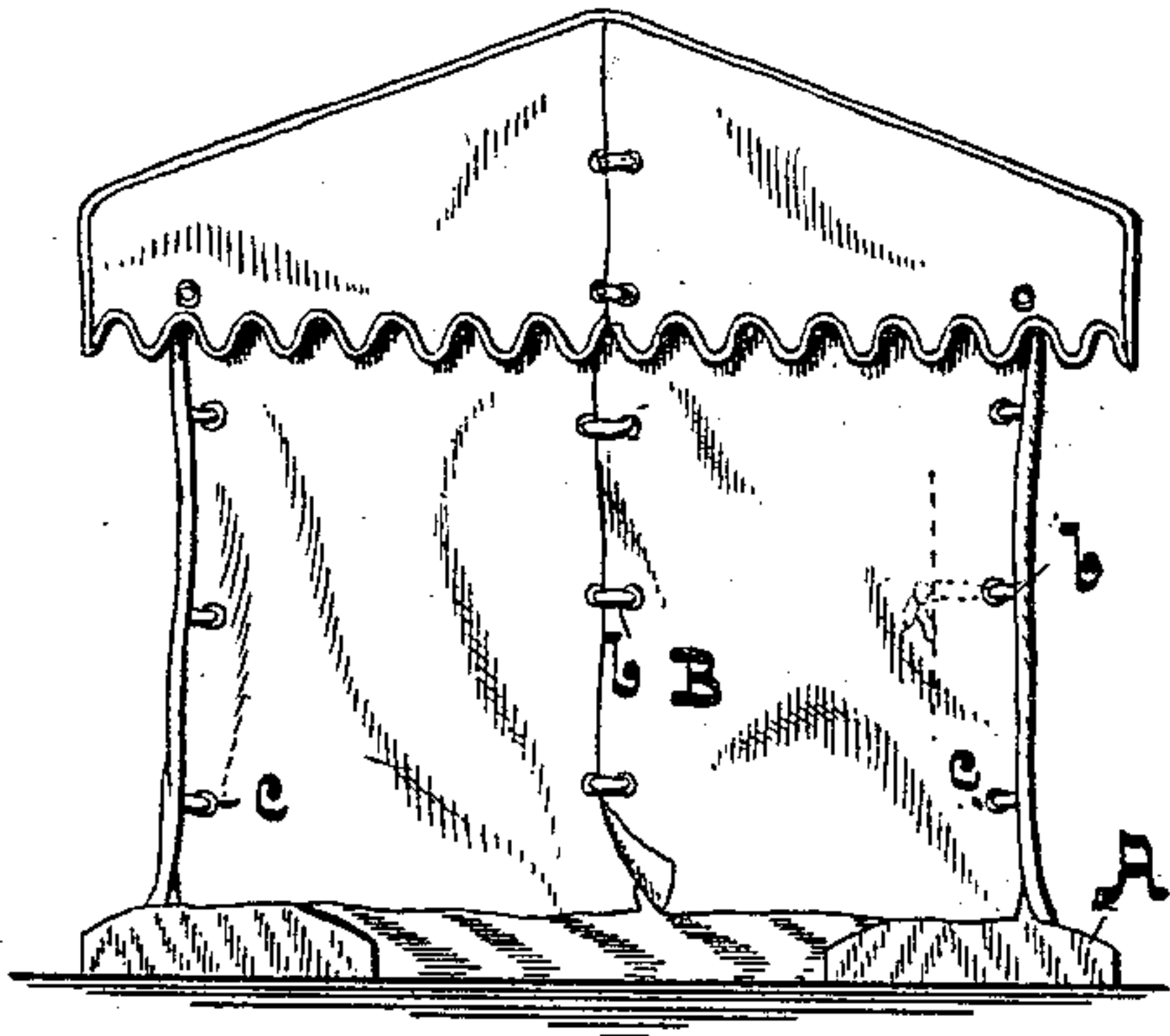
2 Sheets—Sheet 1.

J. W. FREY.
FRAMED BUILDING.

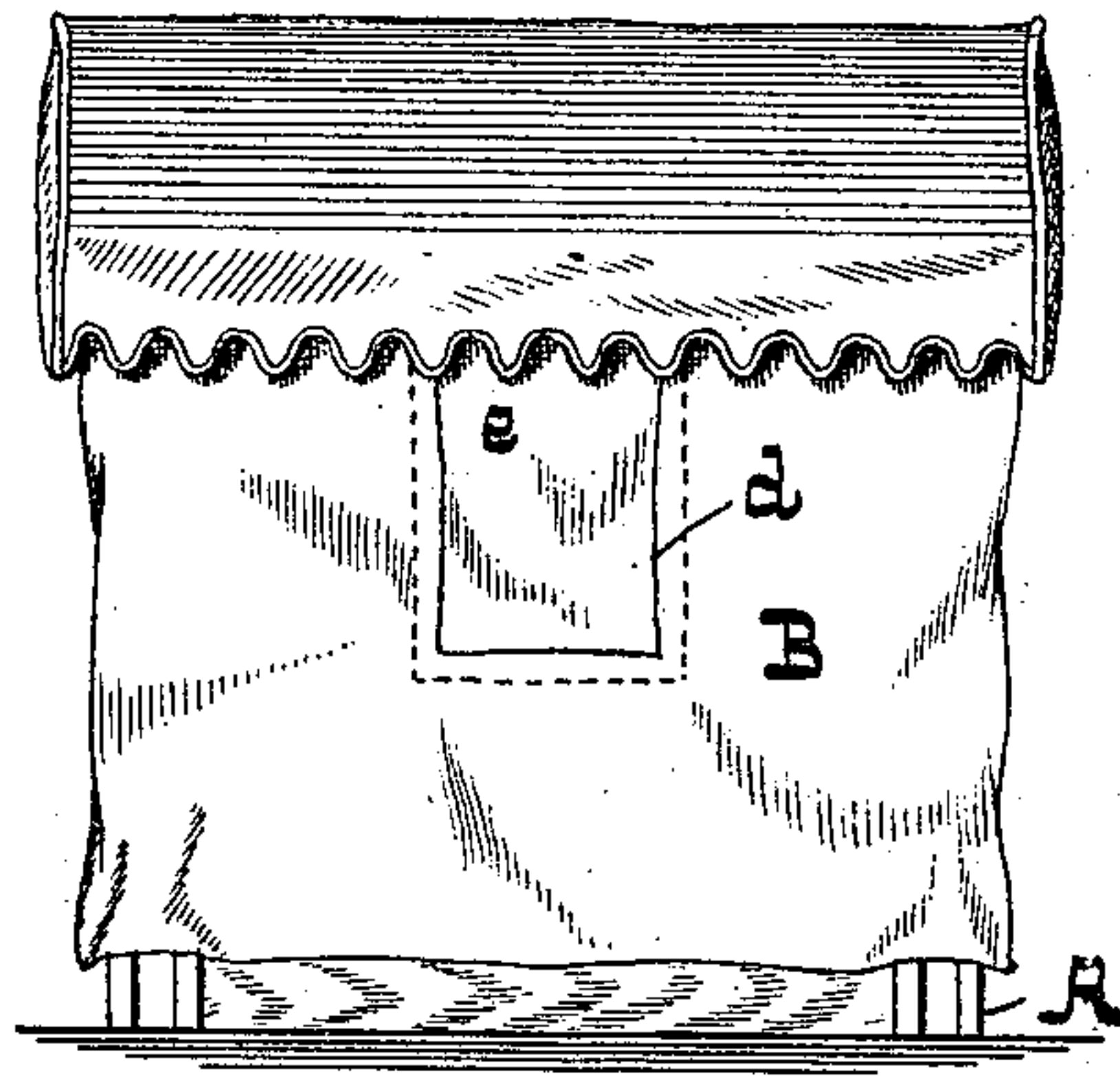
No. 353,549.

Patented Nov. 30, 1886.

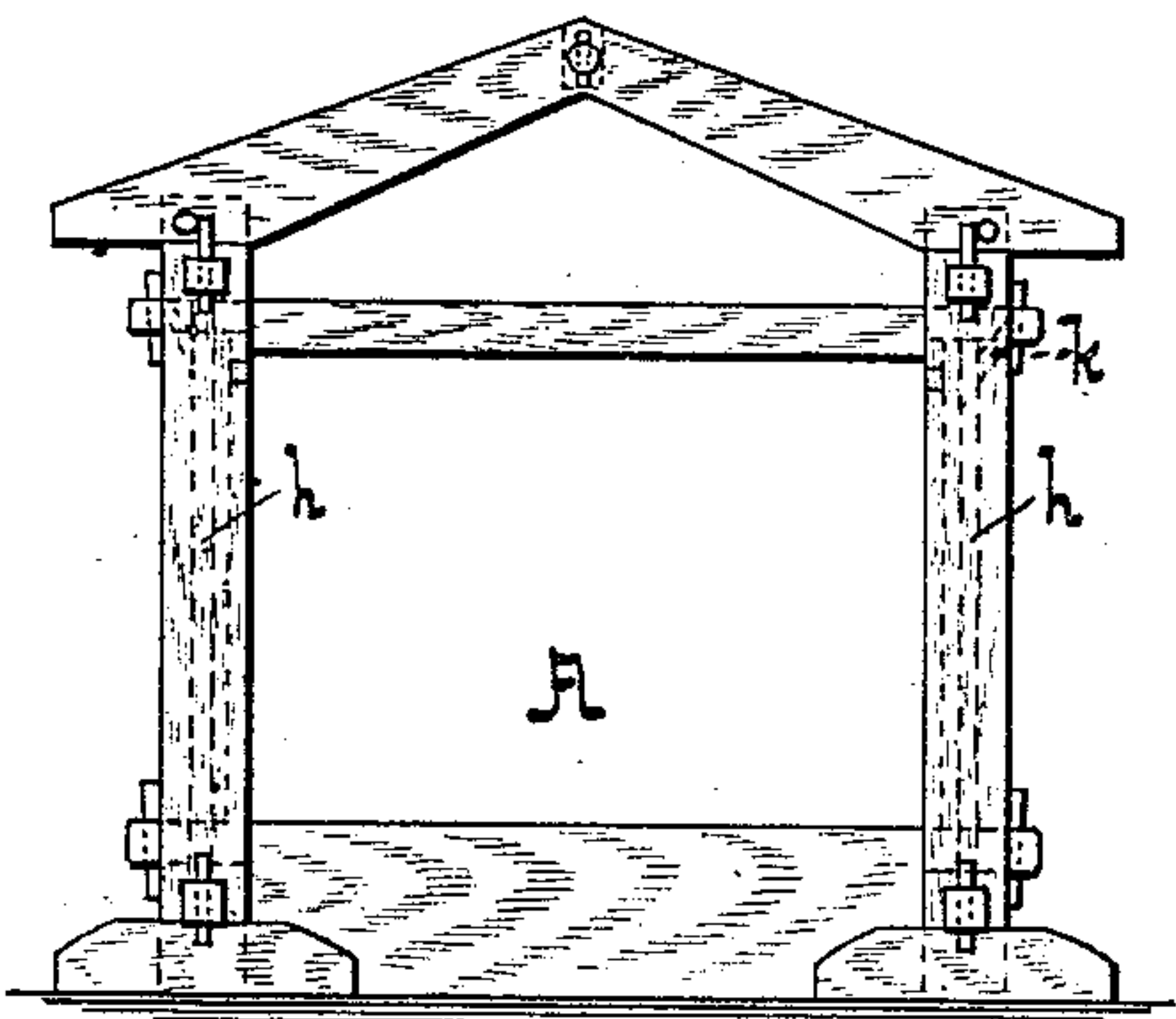
- FIG I -



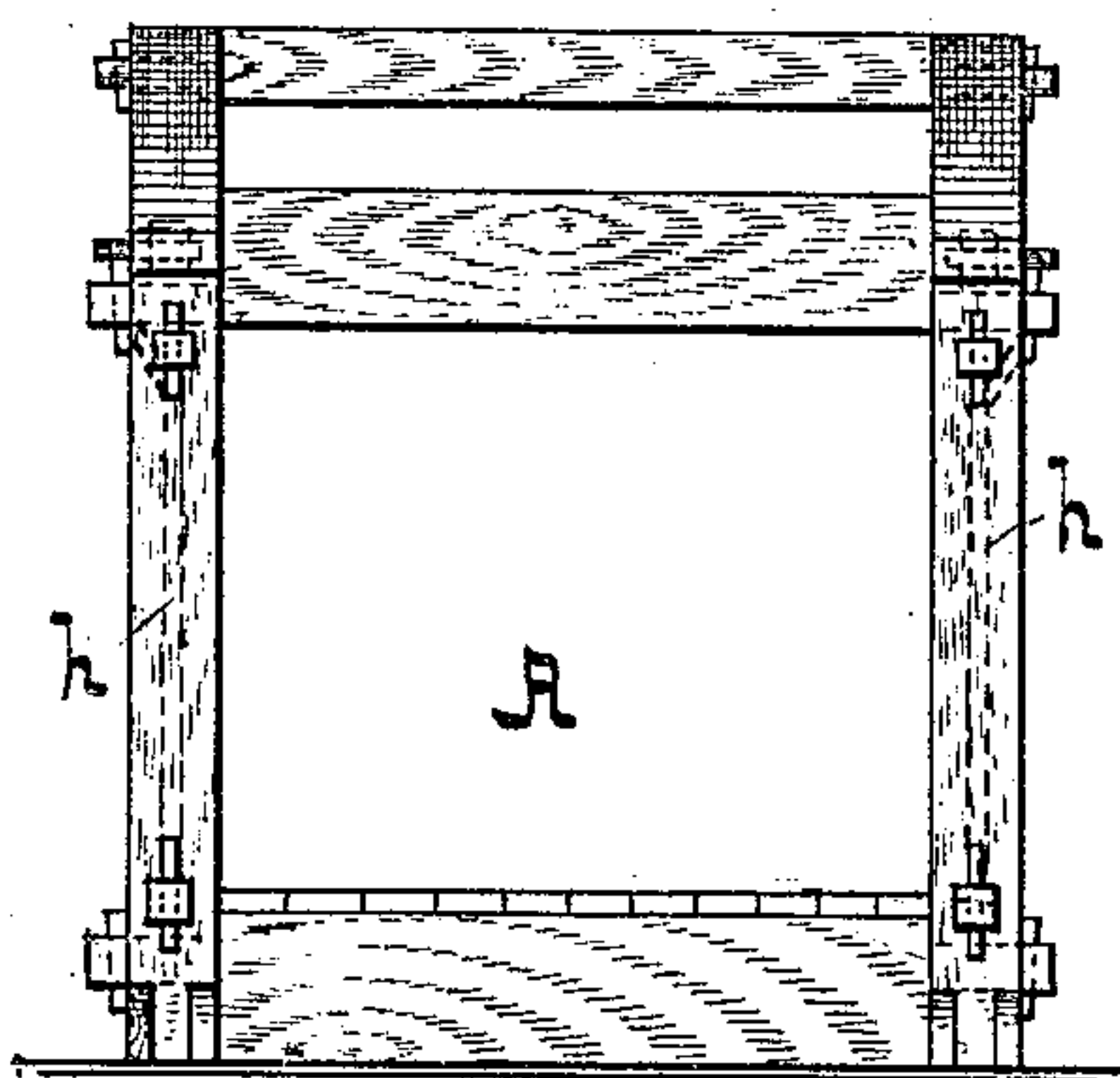
- FIG II -



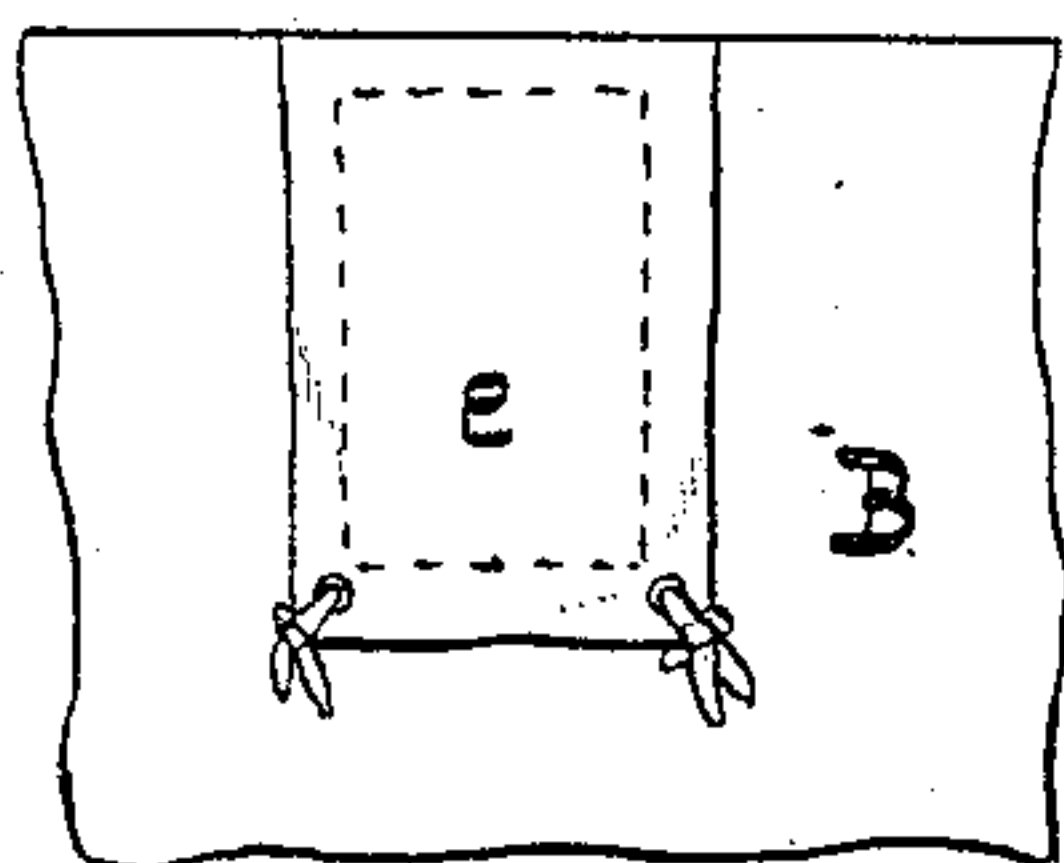
- FIG III -



- FIG IV -



- FIG V -



- FIG VI -



- WITNESSES -

Dan'l Fisher

E. Wickenloper

- INVENTOR -

John Wesley Frey
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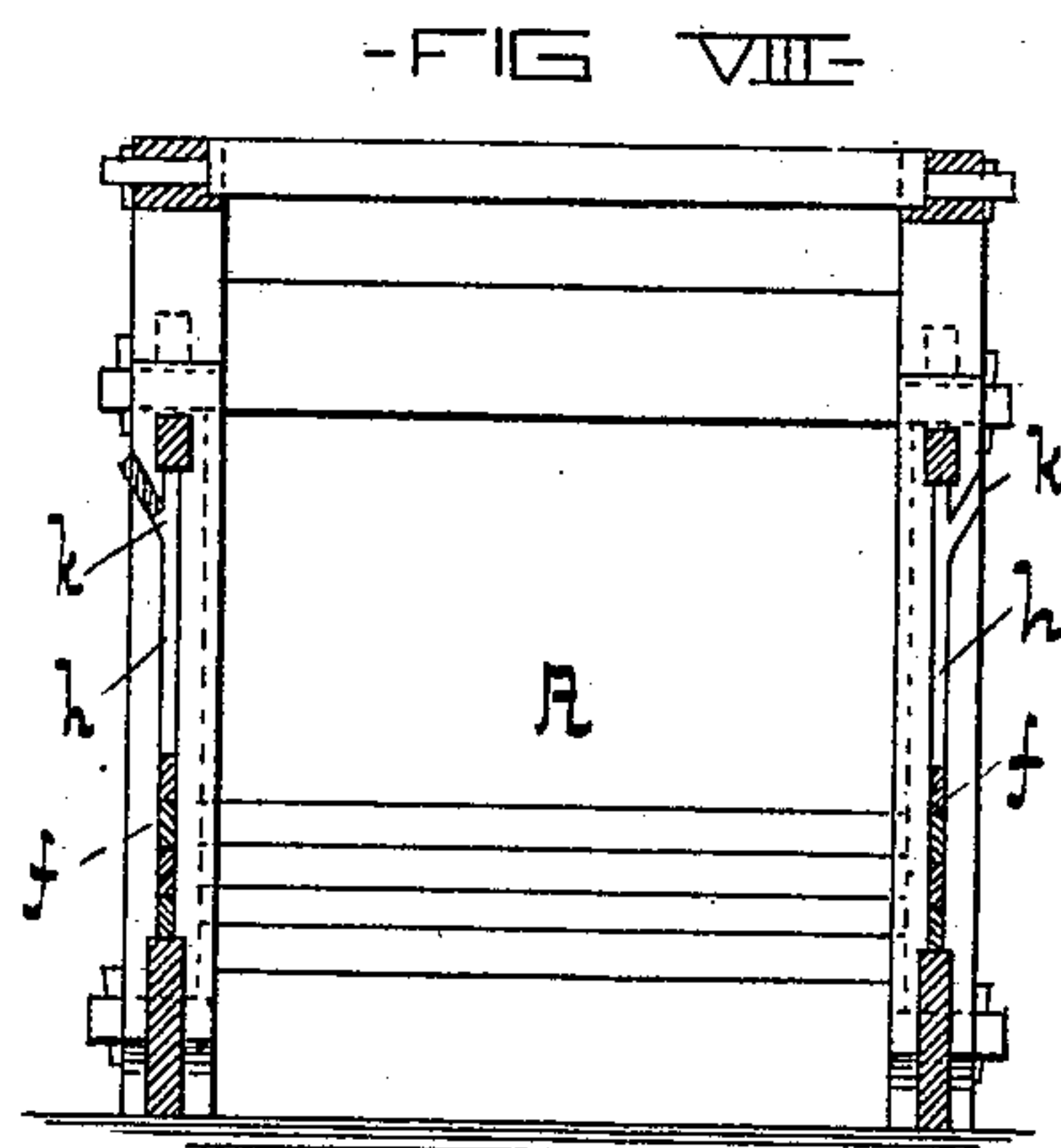
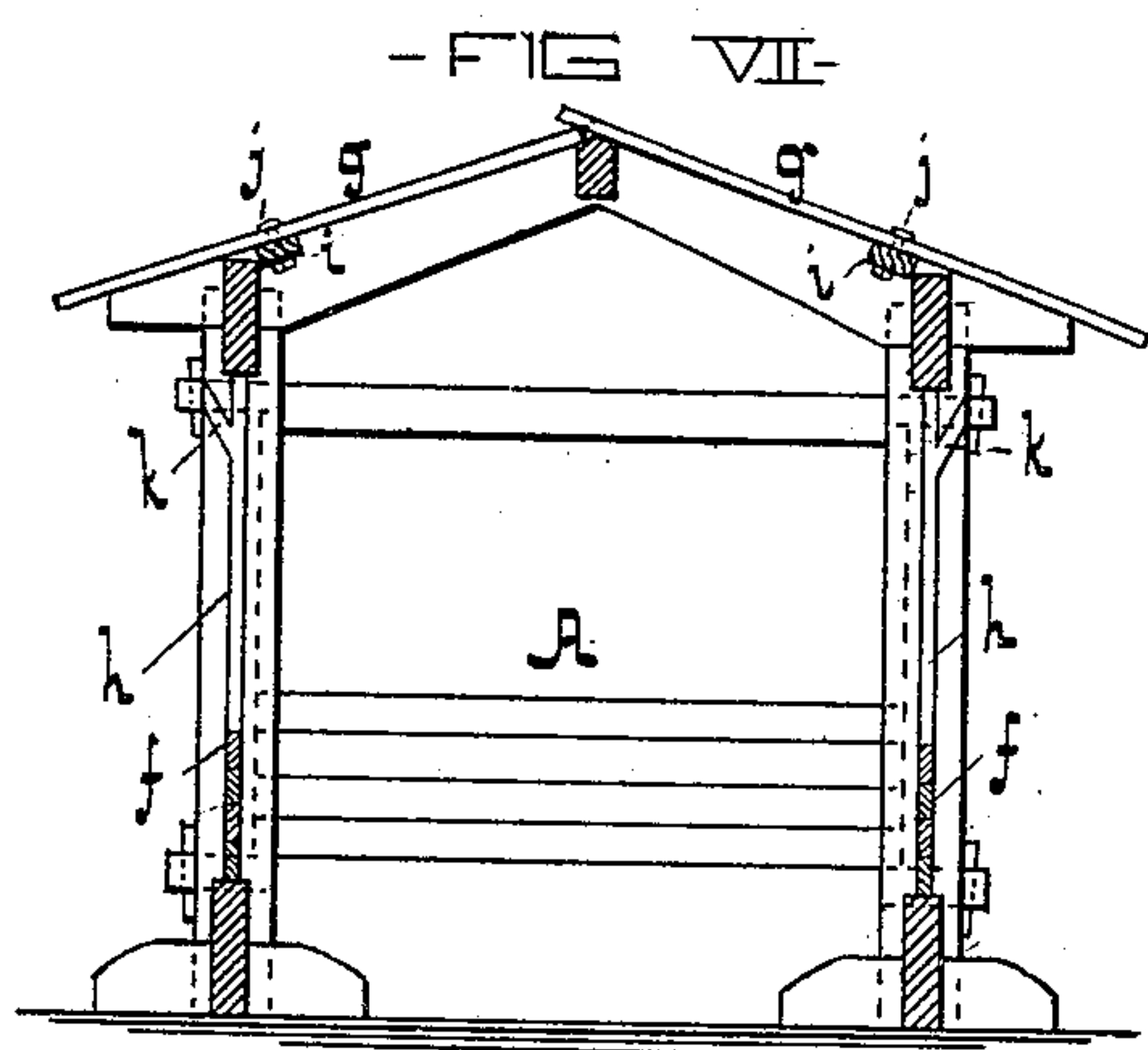
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2 Sheets—Sheet 2.

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UNITED STATES PATENT OFFICE.

JOHN WESLEY FREY, OF BALTIMORE, MARYLAND.

FRAMED BUILDING.

SPECIFICATION forming part of Letters Patent No. 353,549, dated November 30, 1886.

Application filed October 12, 1886. Serial No. 216,009. (No model.)

To all whom it may concern:

Be it known that I, JOHN WESLEY FREY, of the city of Baltimore, and State of Maryland, have invented certain Improvements in Framed Buildings, of which the following is a specification.

This invention relates to certain improvements in a framed structure, designed especially for army purposes—such as the sheltering of men in the field—and adapted for summer and winter use; but the said invention is also applicable to camp-meeting uses, and may be modified in the arrangement of its parts so as to be employed in the transportation of cattle on railroads.

In the drawings, forming a part hereof, Figures I and II are respectively an exterior front and an exterior side view of the structure as adapted for summer use; and Figs. III and IV are similar views of the same with the covering removed. Figs. V and VI are details of the improved structure, as will hereinafter appear.

Similar letters of reference indicate similar parts in all the figures.

A is the skeleton frame-work of the building, the several parts of which are attached together by means of dowel-pins *a a*, in order that they may be easily taken apart for transportation.

When the structure is to be occupied in warm weather, the skeleton frame-work is surrounded with a canvas or duck side covering, B, in sections united by cords *b*, which are inserted in eyelet-holes *c*, and tied, as shown in the drawings; and the said cords, or a certain number of them, are tied around the vertical posts of the skeleton frame-work, as shown in dotted lines at the right of Fig. I, to retain the side coverings firmly in place. The roof covering is also made of canvas or duck, and tied in any suitable manner either to the skeleton frame-work or the side covering, B. Openings *d* in the side coverings are used to admit light and air, and they are each provided with an interior flap, *e*, sewed to the side covering at its upper end. The lower end of the flap is merely tied to the side covering; conse-

quently air may freely enter the structure when the flap is down, while light is to a great extent excluded.

Referring to Figs. VII and VIII, which, as before stated, represent the structure as adapted for winter use, it will be seen that the cover is removed and the sides and roof constructed of boards *f g*. The side boards, *f*, are confined in grooves *h* in the faces of the vertical posts of the skeleton frame-work A, as shown in the said figures, while the boards *g* are laid on the upper part of the said frame-work and held thereon by means of dowel-pins and battens *i*, to which the said boards are attached by bolts *j*. These battens bear against the edges of the frame-work and prevent the roof-boards from sliding down.

In order that the side boards may be placed in position without first removing the frame-work of the roof, the grooves *h* are provided with branches *k*, which lead to the outside of the structure. In Fig. VIII a board is shown as just entering the branch grooves.

It will be understood that no nails are used in the construction of the building.

While I have described the structure as particularly adapted for army and camp-meeting uses, it may be erected on the platform of a car and employed in the transportation of cattle.

If the weather is extremely cold or rainy, the canvas coverings may be placed over the board sides and roof.

I claim as my invention—

A frame-work structure having its vertical posts provided with grooves for the reception of the ends of the side boards, and branches to admit of the entrance of the said boards to the said grooves while the roof frame-work is in position, combined with a cover of canvas or duck formed in sections attached together and to the said frame-work by means of cords, substantially as and for the purpose specified.

JOHN WESLEY FREY.

Witnesses:

WM. T. HOWARD,
E. HICKENLOOPER.