

No. 721,104.

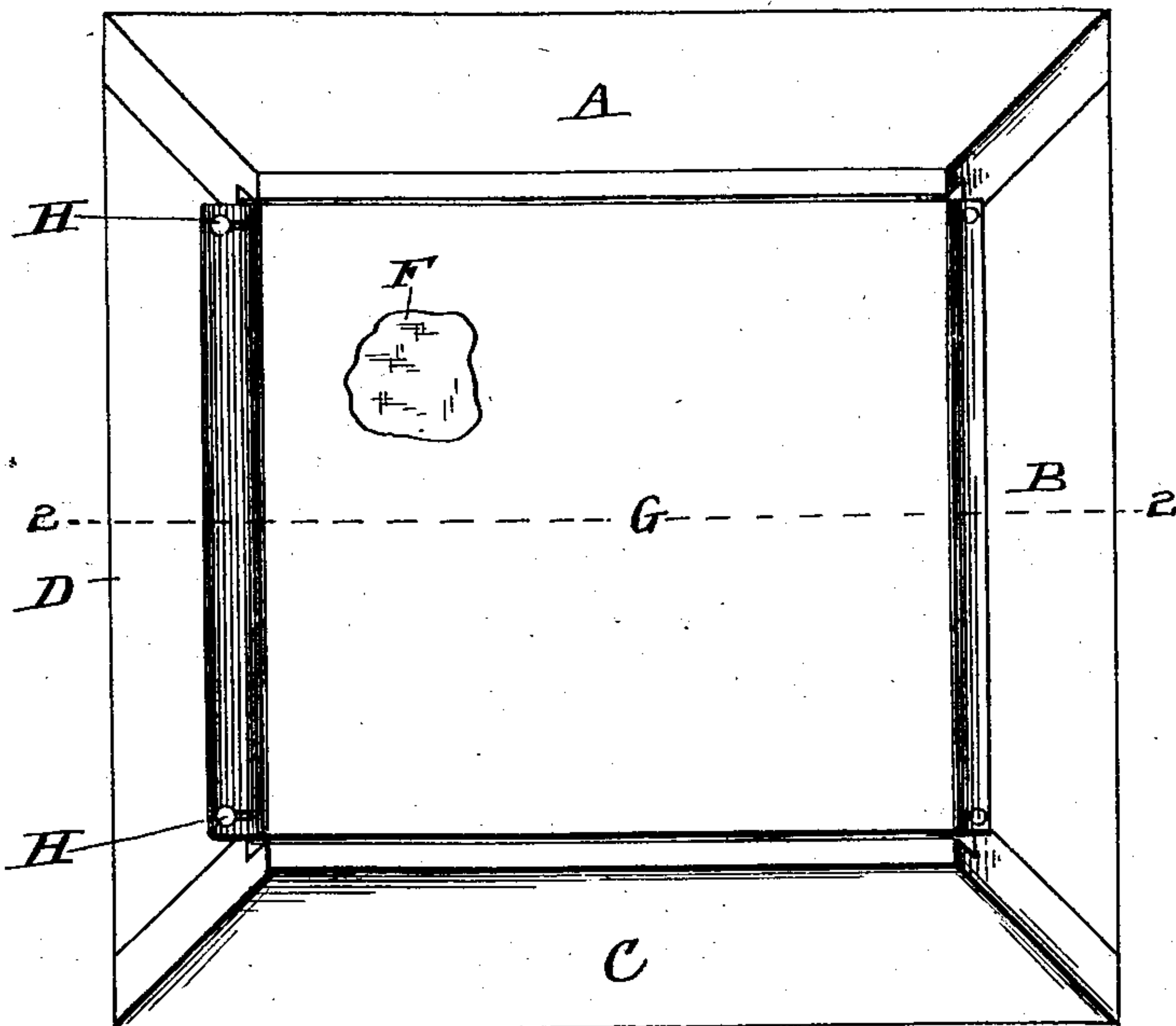
PATENTED FEB. 17, 1903.

W. M. SMITH.  
PLANT PROPOGATING FRAME.

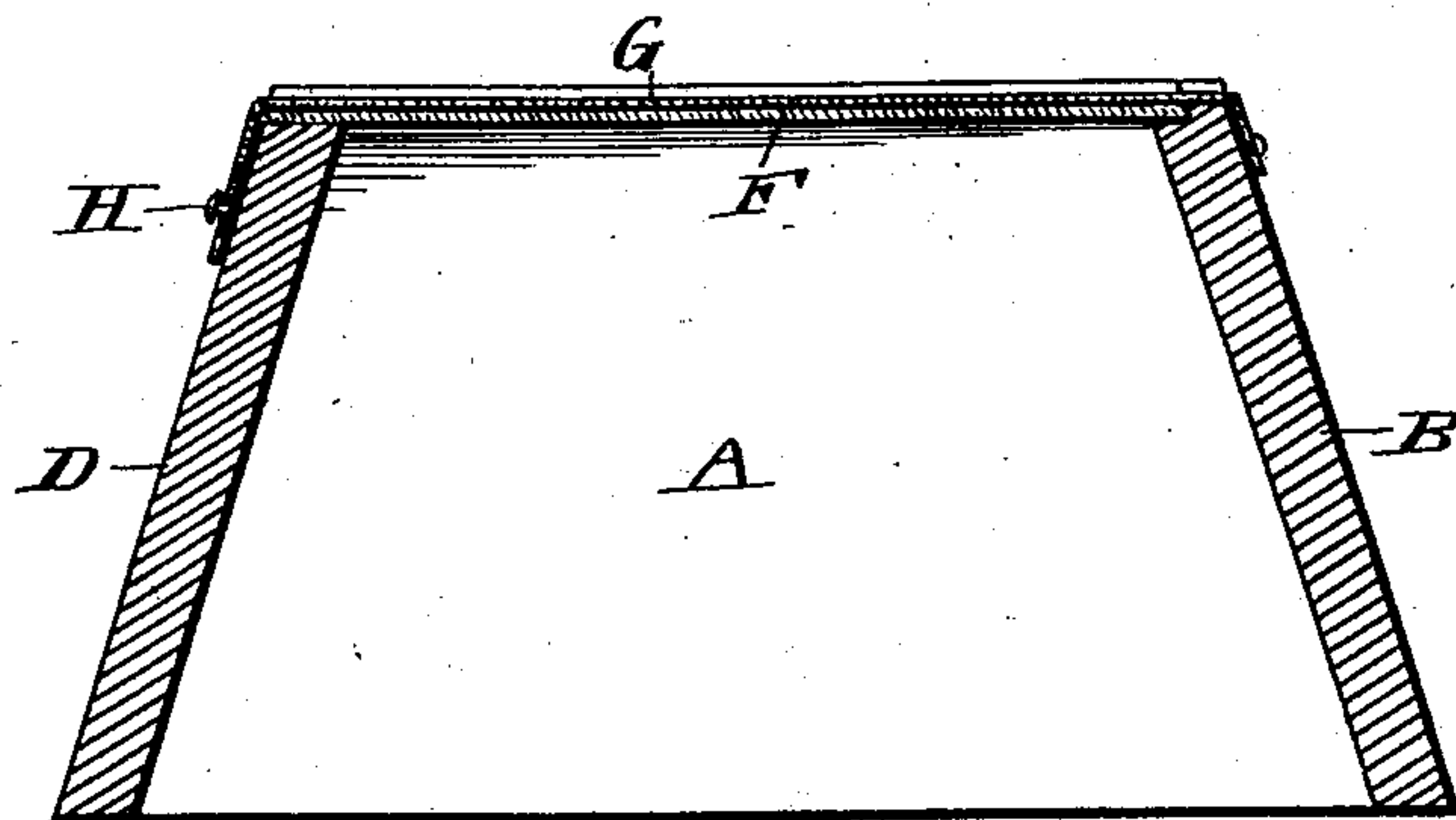
APPLICATION FILED OCT. 29, 1902.

NO MODEL.

*Fig. 1.*



*Fig. 2.*



Witnesses

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# UNITED STATES PATENT OFFICE.

WILLIAM M. SMITH, OF NEAR DURANT, MISSISSIPPI.

## PLANT-PROPAGATING FRAME.

SPECIFICATION forming part of Letters Patent No. 721,104, dated February 17, 1903.

Application filed October 29, 1902. Serial No. 129,304. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM M. SMITH, a citizen of the United States, residing near Durant, in the county of Holmes and State of Mississippi, have invented certain new and useful Improvements in Plant-Propagating Frames, of which the following is a specification.

My invention relates to frames for germinating seed and bringing up and covering growing plants and vegetables in the field, and has for its object to provide a box having grooves to receive a transparent plate in its top and having slanting sides to resist pressure of the wind and also to insure that a portion of the interior will be shaded, and thus provide a circulation of the air inside the box.

The advantages of my invention will more fully appear hereinafter and by reference to the accompanying drawings, in which—

Figure 1 is a top plan view of my invention, and Fig. 2 a vertical section on the line 2 2 of Fig. 1.

Referring to the drawings, in which similar reference characters indicate corresponding parts throughout both views, it will be noted that my invention consists of an open frame, shaped like the frustum of a pyramid, consisting of four slanting sides A B C D. The widest part of the frame is adapted to rest on the ground, while the upper ends of sides A, B, and C are grooved, as shown at E, and the upper end of side D cut down to receive a sheet of glass or other transparent material F.

G represents a curtain, made of muslin cloth or any other suitable fabric, secured to the side B and adapted to be drawn over the top of the frame and secured by means of buttons H in side D and buttonholes I in the curtain G.

In practice I have found that the best results are obtained by setting the box so as to have a pitch toward the south, thus admit-

ting more sunlight into the box than if it should be set in a level position. It will be also understood that if it is desired to admit air to the box the glass plate F may be slid partly off or removed altogether and that the curtain G may be used with or without glass plate F.

Another feature of my invention is that its frustum shape permits a number of them to be telescoped together for convenient handling or economical storage.

Having thus described my invention, what I claim is—

1. A box shaped like the frustum of a pyramid having grooved top edges, a transparent plate slidably mounted in said grooved top edges, a curtain secured at one edge to one of the sides of said box, buttons secured to the opposite side of the box, said curtain provided with buttonholes to receive said buttons in covering the top of the box, substantially as shown for the purpose described.

2. A plant-propagating frame comprising a box having four sides secured together in the shape of a frustum of a pyramid, three of the top edges of said box being grooved the other edge cut down, a transparent plate slidably mounted in said grooved top edges, a curtain secured to one of the sides of the box near its top edge having buttonholes in its free edge, and buttons secured to the opposite side of the box, said curtain when secured over the top of the box operating to shade the interior of the box when in use and also to hold the plate of transparent material in the grooved top edges when the box is transported or stored, substantially as shown and described.

In testimony whereof I hereto affix my signature in the presence of two witnesses.

WILLIAM M. SMITH.

Witnesses:

A. J. LOVE,

C. E. LEWIS.