

T. M. WORCESTER.

Bird-Cages.

No. 157,056.

Patented Nov. 17, 1874.

FIG. 1.

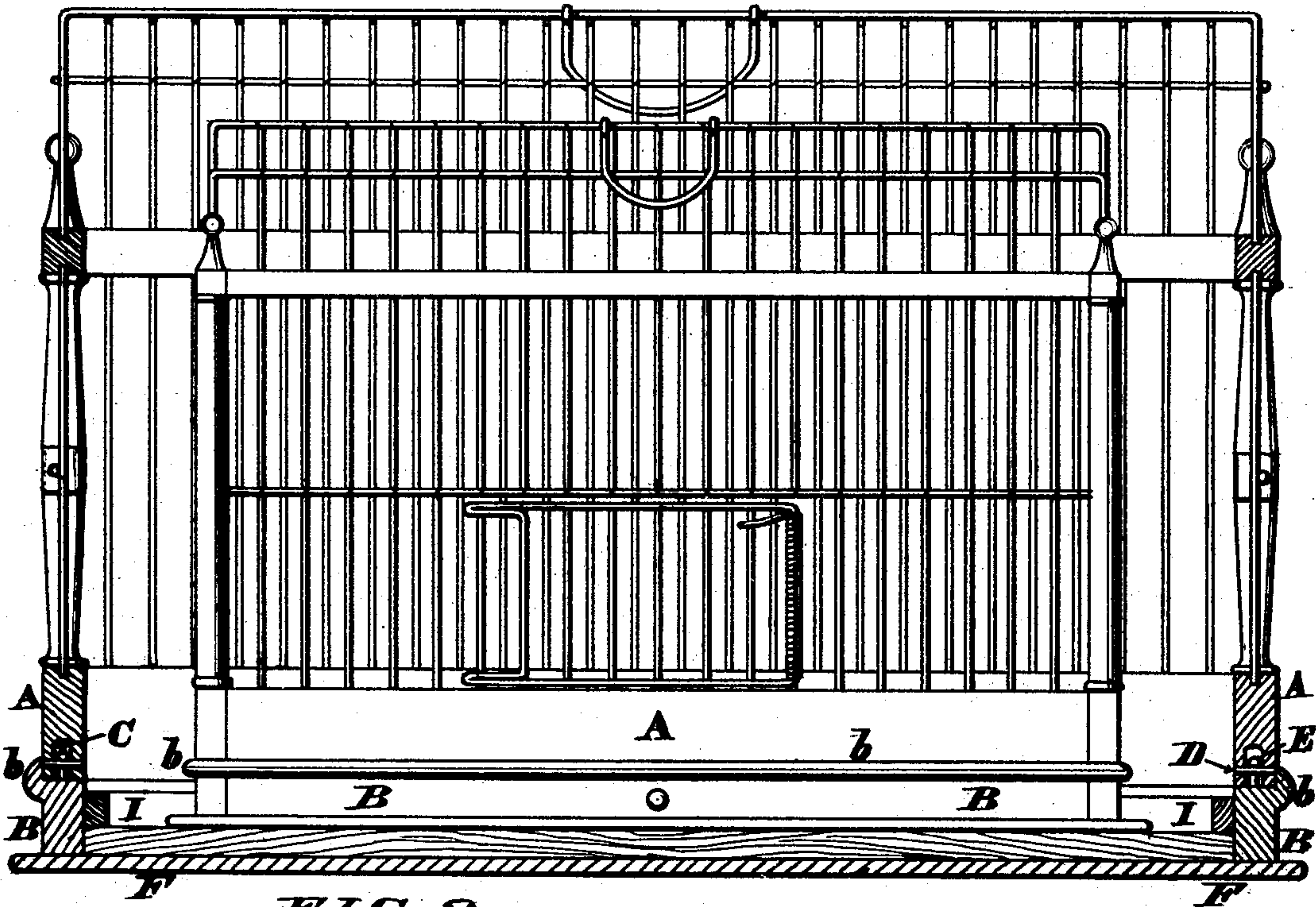


FIG. 2.

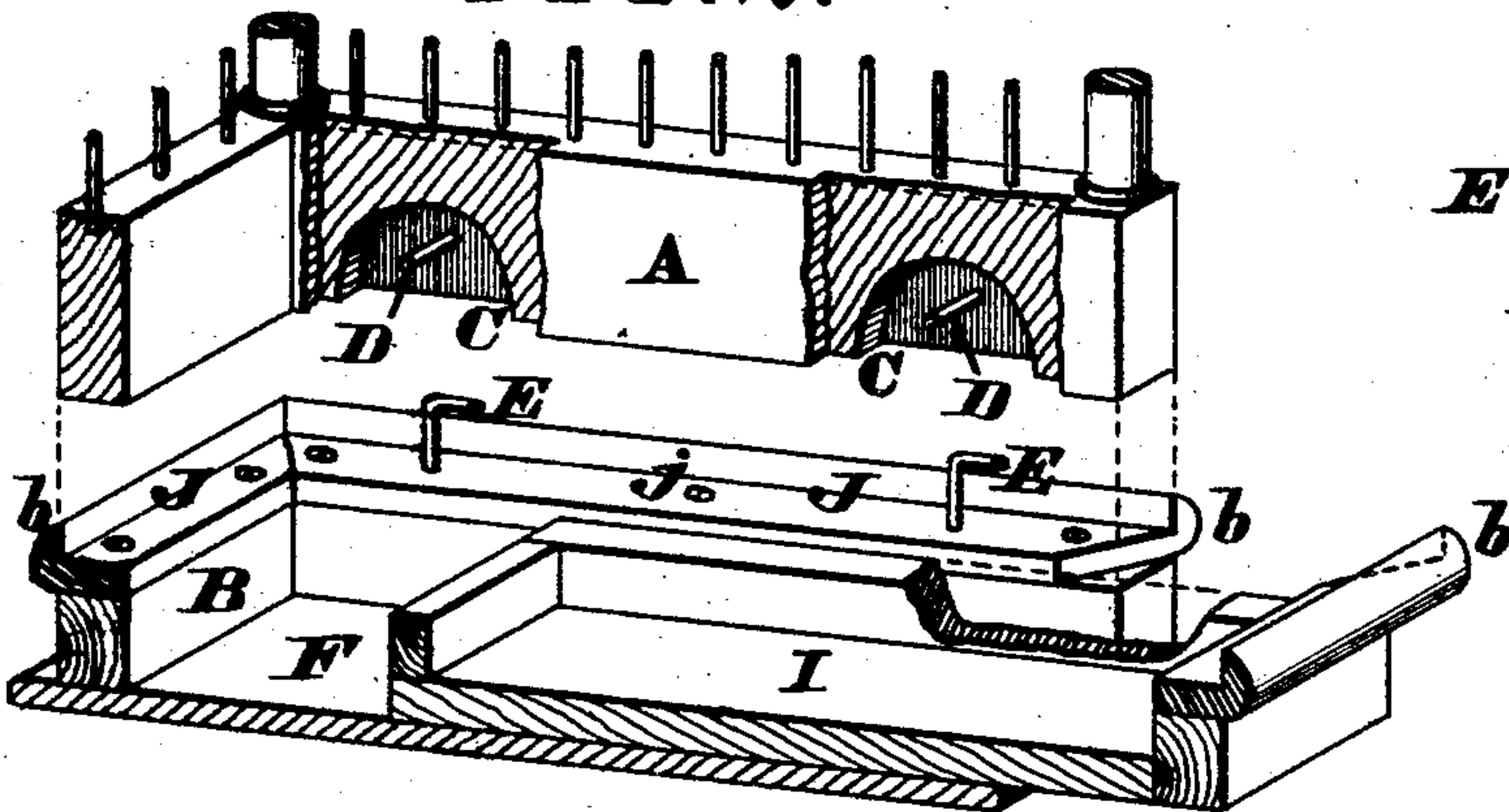


FIG. 3.

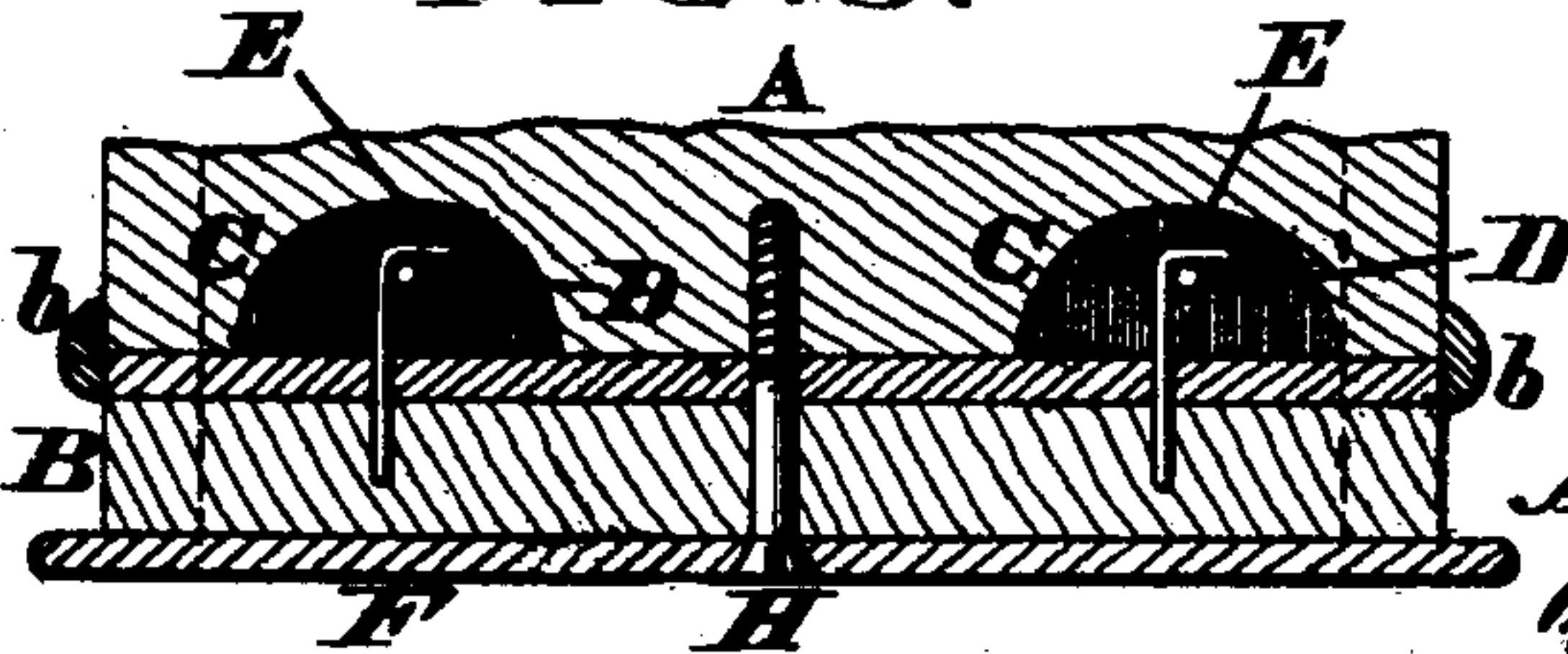


FIG. 4.

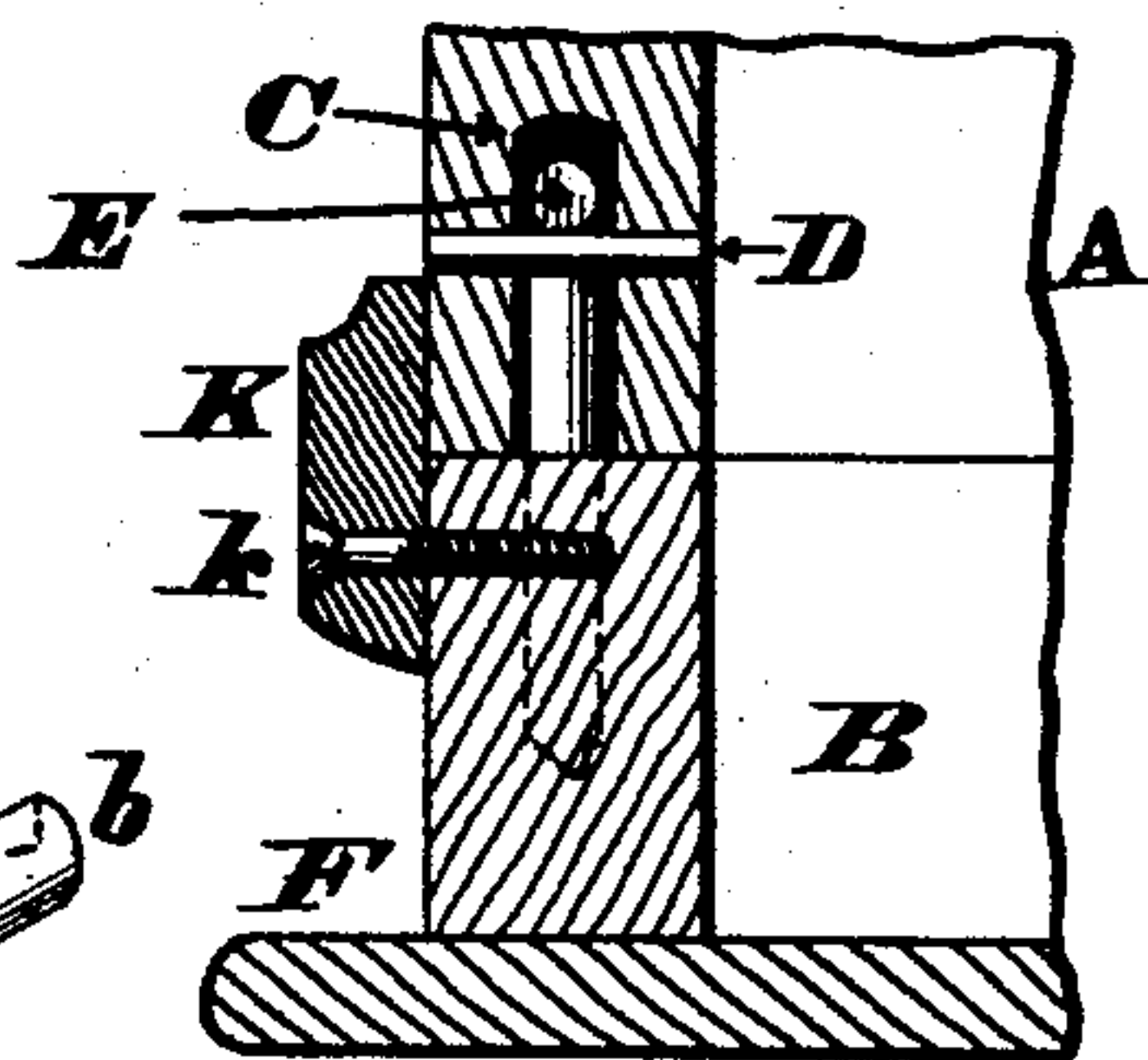
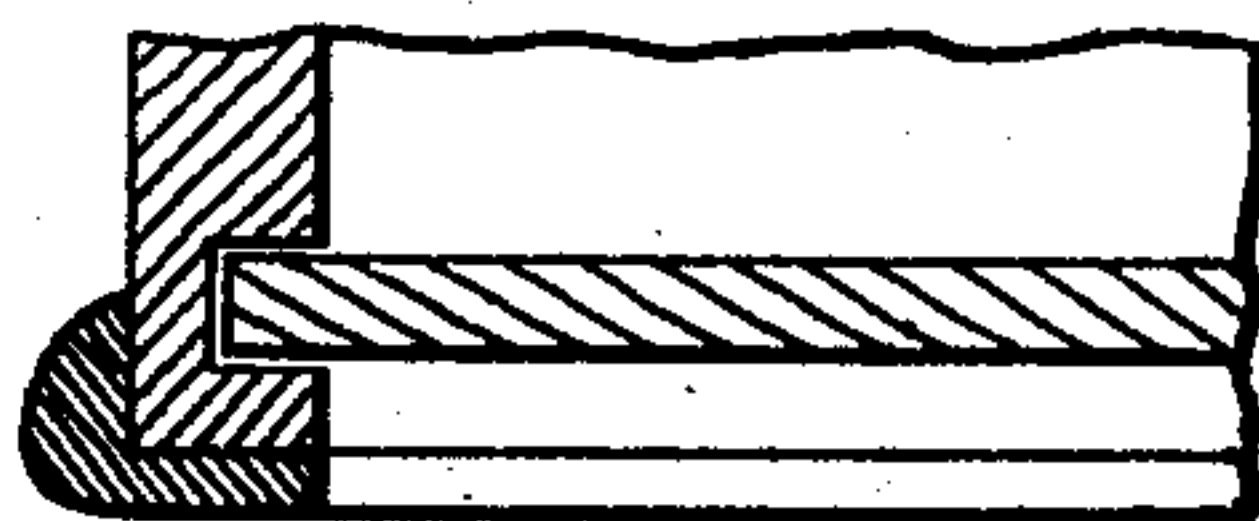


FIG. 5.



Attest.
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UNITED STATES PATENT OFFICE.

THOMAS M. WORCESTER, OF CINCINNATI, OHIO.

IMPROVEMENT IN BIRD-CAGES.

Specification forming part of Letters Patent No. **157,056**, dated November 17, 1874; application filed October 10, 1874.

To all whom it may concern:

Be it known that I, THOMAS M. WORCESTER, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Manufacture of Bird-Cages, of which the following is a specification:

This improvement relates to a bird-cage whose lower part is separable. It consists in the combination of a body whose lower portion is provided with recesses and bars and a separable cleated bottom, which is attached by means of hooks projecting upwardly therefrom. By inserting a single screw the lower part is permanently attached to the body.

In the accompanying drawing, Figure 1 is a sectional elevation of a bird-cage constructed on my plan, a cage of smaller dimensions being shown "nested" within it, for the purpose of transportation. Fig. 2 is a perspective view of the two separable members of the cage detached from each other, the front part of the cage-frame being removed, and the tray shown in the act of being drawn out. Figs. 3 and 4 are complementary vertical sections, showing the details of the removable bottom, the tray being omitted from the latter illustration. Fig. 5 shows a modification of my improvement.

Of the above illustration Figs. 4 and 5 are shown on an enlarged scale.

My construction of this improvement is as follows: The skirt or base board of the cage is made capable of separation by a horizontal joint or parting into two similar rectangular frames, A B, of which the upper member, A, has recesses, C, and bars D, to receive hooks E, that project upward from the member B, to which latter is permanently attached the floor F. The member B performs for the floor

F the office of a cleat, which preserves it from warping. The bottom B F may readily be detached by a slight horizontal and perpendicularly downward motion, and as quickly attached by a reverse motion of these parts. The bottom having been attached may be secured against possible accidental displacement by means of a wood-screw, H, or otherwise, as represented in Fig. 3. I shows the usual sliding tray or floor above the bottom proper. The parting between the two separable members A and B is concealed by means of a bead or molding, *b*, of any appropriate shape and size. In Fig. 1 this bead is shown as formed out of the same piece of wood as the frame B, but it is evident that said molding can be composed of separate strips, as seen in Figs. 2 and 3.

In these illustrations the strips J, upon which the bead is formed, is represented as secured to the upper edge of frame B by screws or brads *j*. In Fig. 4 the molding takes the shape of a frame or valance, K, which is secured around the sides of base B by screws *k*.

I claim—

The combination of body A, provided with recesses C and bars D, and the separable cleated bottom B F, secured to said body by means of hooks E, which engage over bars D in said recesses, and are capable of disengagement therefrom, as and for the purpose set forth.

In testimony of which invention I hereunto set my hand.

THOS. M. WORCESTER.

Attest:

GEO. H. KNIGHT,
O. P. CAYLOR.