

No. 641,205.

Patented Jan. 9, 1900.

W. L. HAWLEY.
VENTILATED FRUIT BOX.

(Application filed May 22, 1899.)

(No Model.)

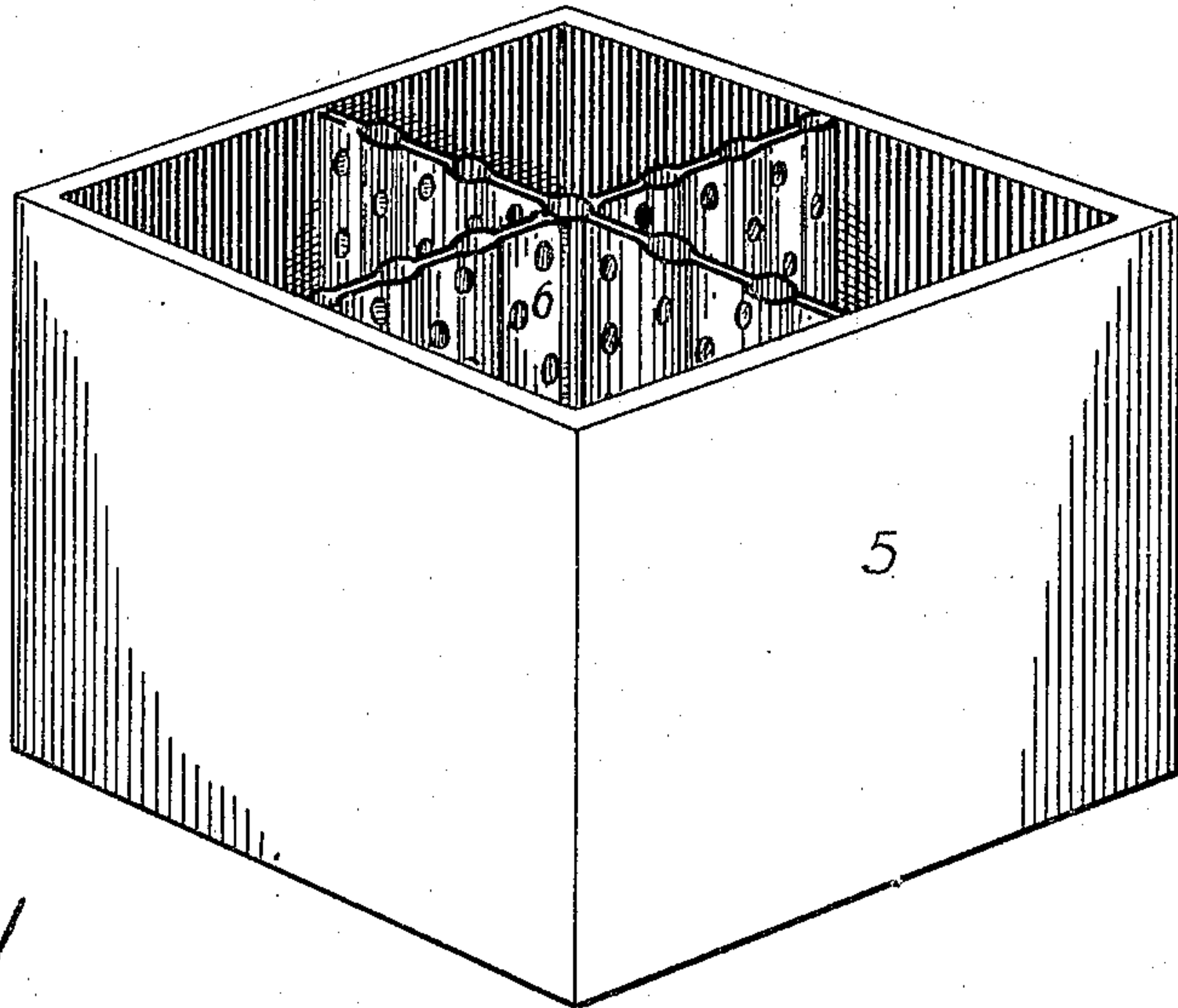


FIG. 1

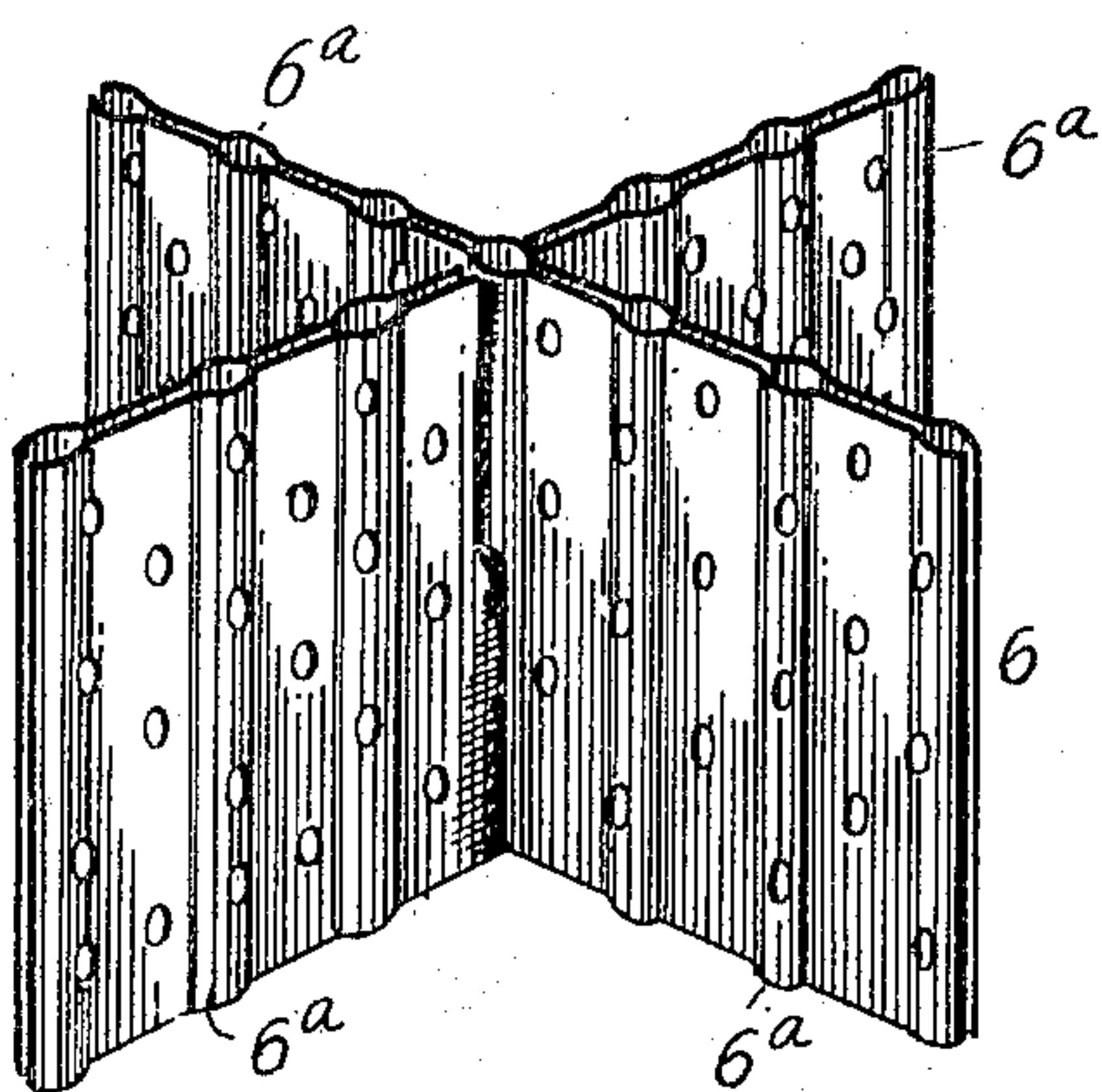


FIG. 2

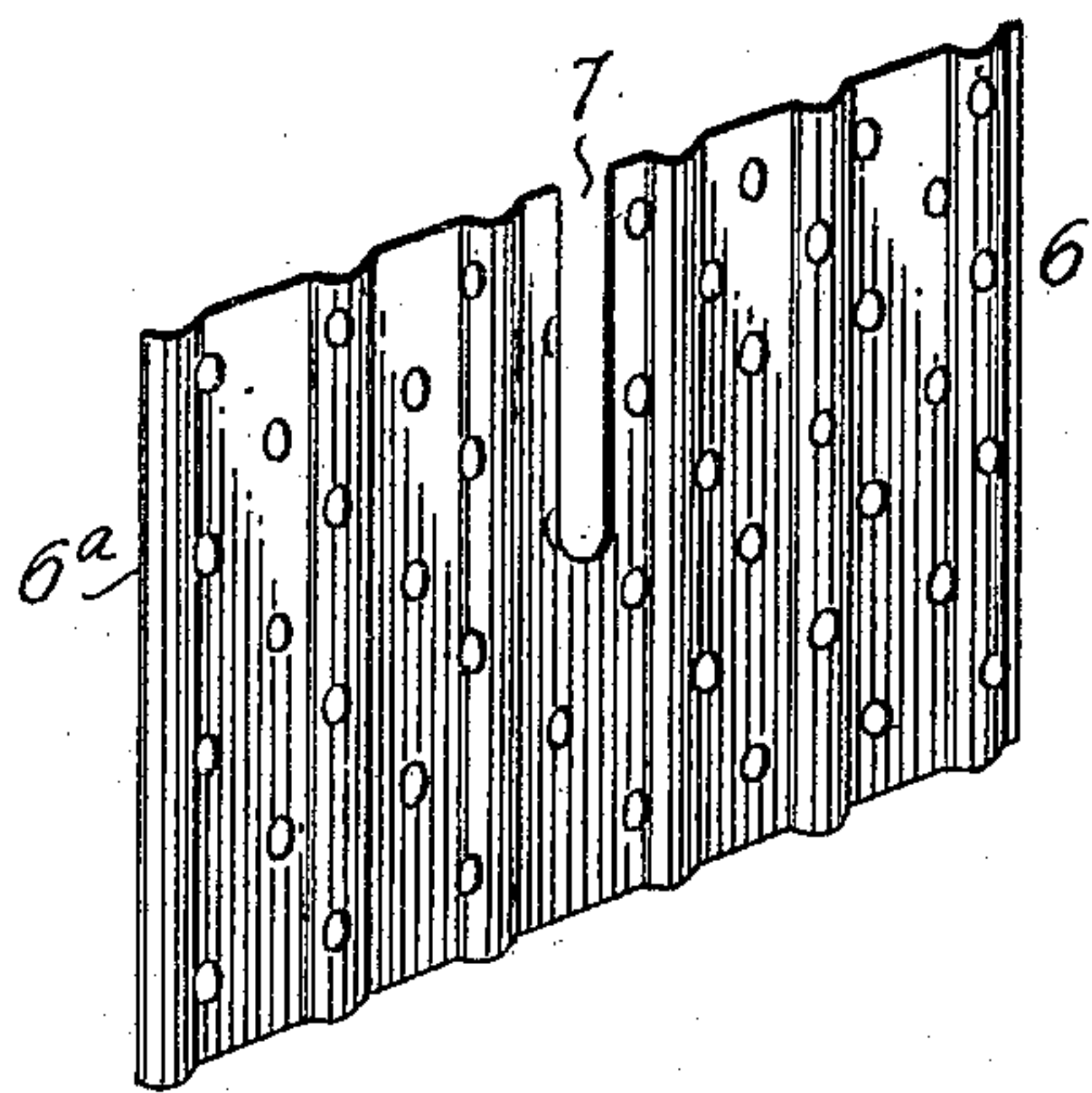


FIG. 3

Witnesses
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WALTER L. HAWLEY, OF FORT COLLINS, COLORADO, ASSIGNOR OF ONE-HALF TO JAMES C. EVANS, OF SAME PLACE.

VENTILATED FRUIT-BOX.

SPECIFICATION forming part of Letters Patent No. 641,205, dated January 9, 1900.

Application filed May 22, 1899. Serial No. 717,705. (No model.)

To all whom it may concern:

Be it known that I, WALTER L. HAWLEY, a citizen of the United States of America, residing at Fort Collins, in the county of Larimer and State of Colorado, have invented certain new and useful Improvements in Ventilated Fruit-Boxes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in fruit-boxes, my object being to provide a device of this class which shall prevent as far as possible the decay of fresh fruit during shipment.

My improvement embraces means for dividing the space within the ordinary fruit box or case into a number of compartments by means of perforated interlocking partitions, which are also formed double or single, as may be desired, and corrugated, whereby circular open-ended air channels or conduits are formed in the partitions for the ventilation of the fruit. While the partitions may be formed single as well as double, the double form is deemed preferable.

Having briefly outlined my improvement, I will proceed to describe the same in detail, reference being made to the accompanying drawings, in which is illustrated an embodiment thereof.

In the drawings, Figure 1 is a perspective view of my improved ventilated fruit-box. Fig. 2 is a similar view of the interlocking cross-partitions shown detached from the box or case. Fig. 3 is a perspective view of the single form of partition.

Similar reference characters indicating corresponding parts in the views, let the numeral 5 designate a box or case of ordinary construction, in which are located two cross-partitions 6, which are slotted, as shown at 7, to interlock each other. Each partition 6 is composed of two layers of paper or other suitable material, corrugated, as shown at 6^a,

to allow the air to enter from the top between the two layers of each partition, the partitions being perforated to allow the air to circulate freely. The corrugations of the two parts of each double partition are arranged to coincide or register, their concave surfaces being turned inwardly toward each other, whereby ventilating channels or passages are formed in each partition, the said channels being open at the upper and lower edges of the partitions.

While in the drawings a box is shown divided by the ventilating-partitions into four compartments, it is evident that it is within the scope of the invention to use as many partitions as desired, whereby the box or case is separated or divided into any number of compartments that may be required, since the number of compartments may be made to correspond with the size of the box or the kind of perishable fruit which it contains.

The single form of partition shown in Fig. 3 is composed of a single layer 6^a of paper or other suitable material, perforated and corrugated, being substantially the same as one of the parts 6^a forming the double partition. It is evident that the single form of the partition is used in the same manner as the double form, the latter being fully illustrated in Figs. 1 and 2.

Having thus described my invention, what I claim is—

1. The combination with a suitable box or case, of two crossed, interlocking, corrugated partitions, each partition being composed of two parts arranged with their corrugations coinciding and having their concave surfaces turned toward each other, forming channels to facilitate the circulation of air.

2. The combination with a suitable box or case, of two interlocking partitions crossed at right angles to each other, each being composed of two perforated, corrugated parts, the corrugations in the two parts of each partition being arranged to register with each other.

3. The combination with a box or case, of a number of perforated partitions, slotted to interlock and arranged at right angles to each

other, whereby the space within the box is divided into a number of compartments, each partition being composed of two corrugated parts, arranged with their corrugations coinciding and having their concave surfaces turned toward each other, forming channels to facilitate the circulation of air.

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

WALTER L. HAWLEY.

Witnesses:

H. E. TECHMAN,
GEO. BLACK.