

B. J. HARRIS.

Fruit Can.

No. 56,934.

Patented Aug. 7, 1866.

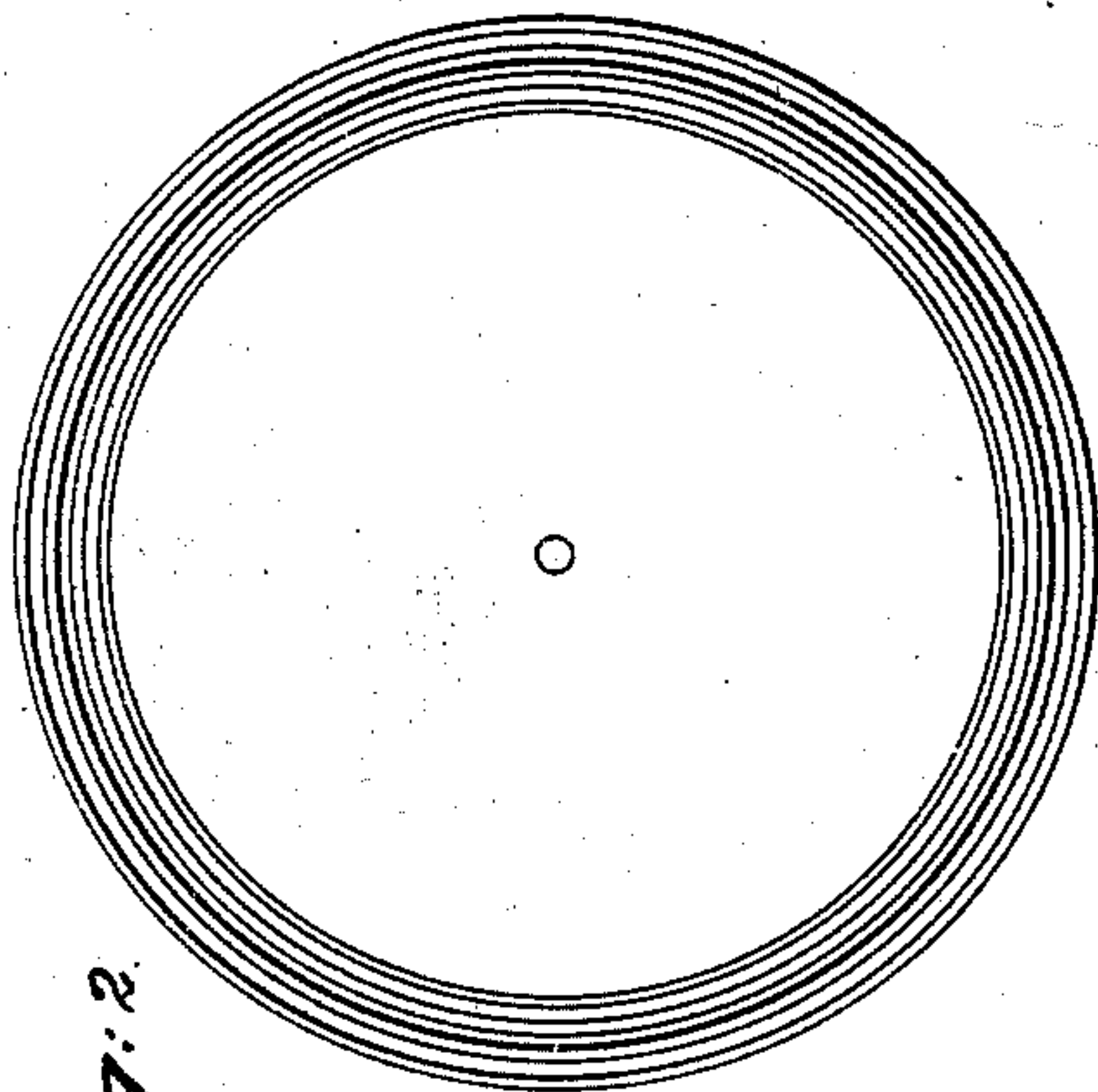


Fig. 2.

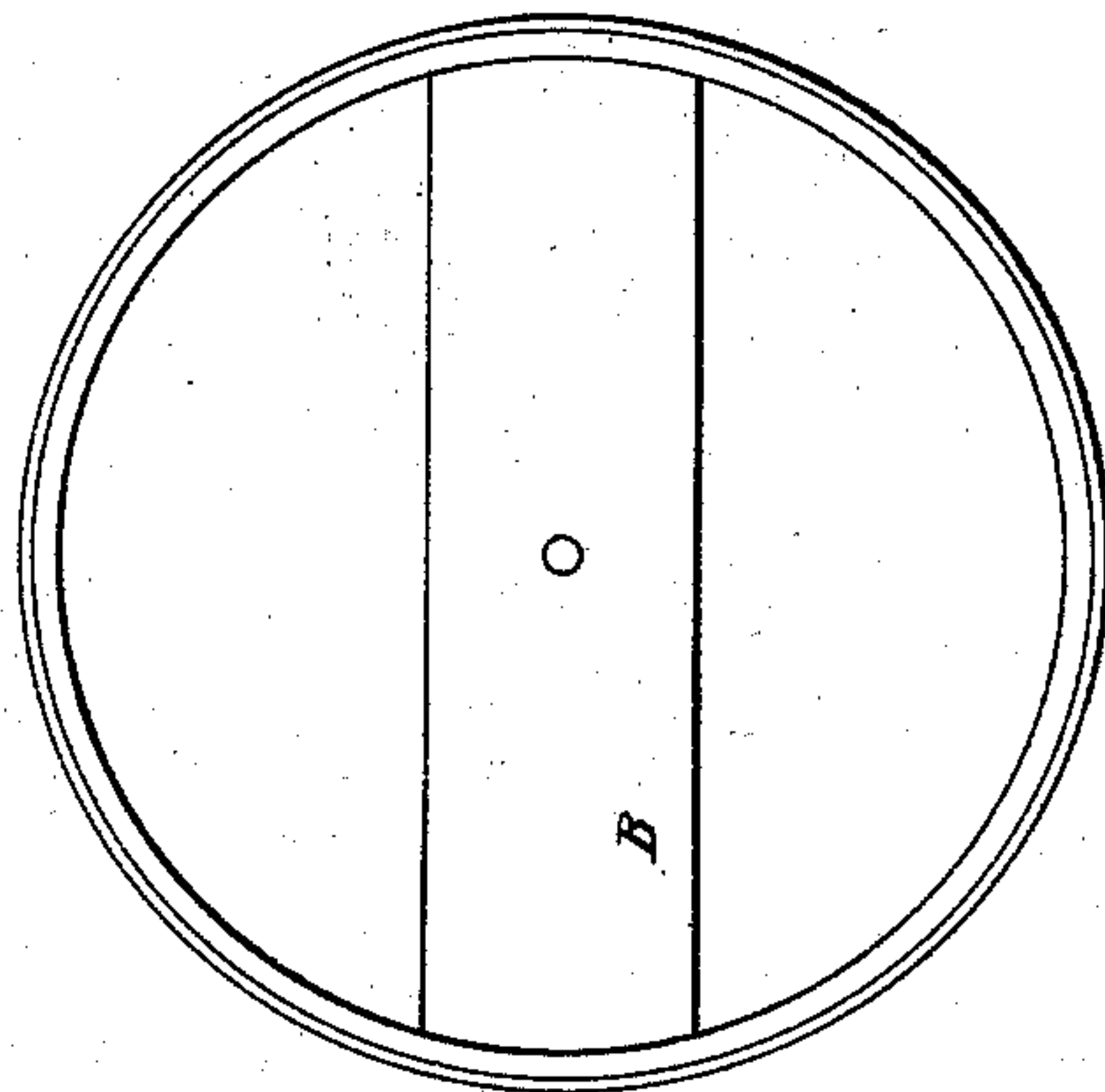


Fig. 3.

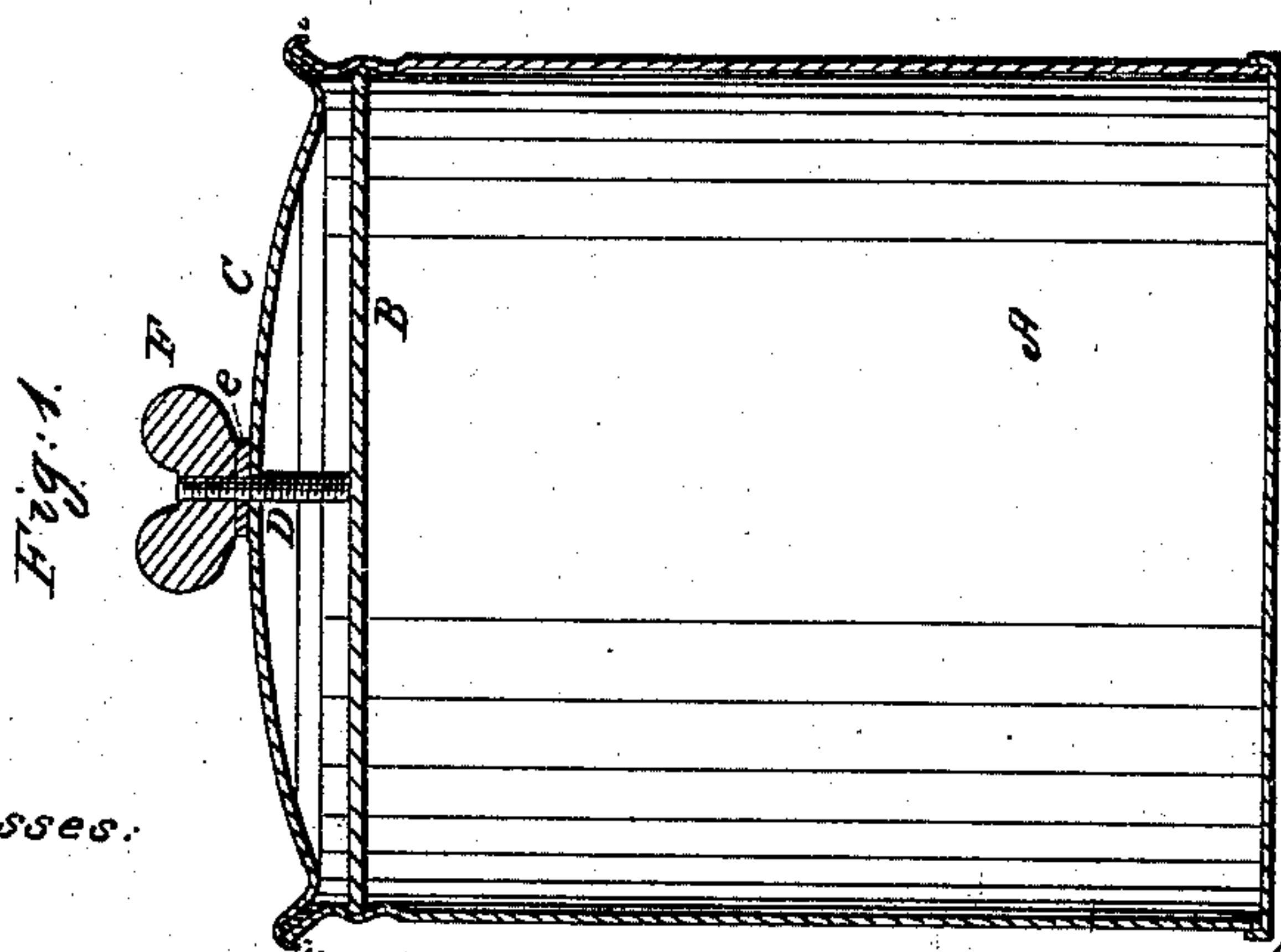


Fig. 1.

Witnesses:

John P. Jacobs.
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Inventor:

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per Alexander & Mason
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UNITED STATES PATENT OFFICE.

B. I. HARRIS, OF HARRISBURG, PENNSYLVANIA.

IMPROVED FRUIT-JAR.

Specification forming part of Letters Patent No. 56,934, dated August 7, 1866.

To all whom it may concern:

Be it known that I, B. I. HARRIS, of Harrisburg, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in Fruit-Cans; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

In the annexed drawing, making part of this specification, A represents the can, which in this case is made of tin, and the same size from bottom to top. Near the mouth of the can the metal is corrugated, as seen, so that a groove is left on the inside of said mouth.

B represents a metallic bar, which is fitted across the mouth of the can, with its ends, which are curved, fitting in the groove above spoken of. In order to insert this bar in the groove, it is necessary to press the mouth of the can so as to elongate it a little. The said bar then passes in readily. The metal at the mouth, just above the groove, is flared a little, or beveled, as shown.

C represents the top of the can, which is made convex on its upper side until it reaches the bevel of the can-mouth. It is there pressed into form to correspond with the bevel on the mouth, the rim or periphery of said top being turned over the metal of the can so as to form a flange, as seen at *x x*.

D represents a screw, which is firmly secured at one end to the bar B about its center. The other end of this screw passes up and through a small opening in the top C, made to receive it.

e represents a rubber washer, which fits over the screw, and F a nut with a thread to fit the thread of the screw.

I use a ring of rubber or paper or any other kind of packing suitable between the top and the beveled mouth of the can. In using this can the fruit is placed in. The mouth of the can is then pressed and the bar B inserted in its groove, the packing is adjusted, and the top C placed over the mouth of the can. The washer or packing *e* is then placed on and the nut F screwed down. The bevel upon the top C, as also its flange, prevents the can-mouth from elongating, and thus the bar B is held firmly in its groove, while its screw D draws the top C tightly down upon the can-mouth.

It will readily be seen that I here have a can with a large or open mouth, and that fruit, when placed in, can be effectually sealed and thus preserved.

Should glass jars or earthen jars be used, it will be necessary to cast openings in the grooves to receive the ends of the bar B.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The open-mouthed can A, provided with corrugations and groove, arranged and used with the cross-bar B and top C, substantially in the manner and for the purpose herein specified.

In witness that I claim the foregoing I have hereunto set my hand.

B. I. HARRIS.

Witnesses:

C. M. ALEXANDER,
J. M. MASON.