J. SEARS.

Improvement in Spice-Boxes.

No. 130,445. Patented Aug. 13, 1872.

Fig. 1.

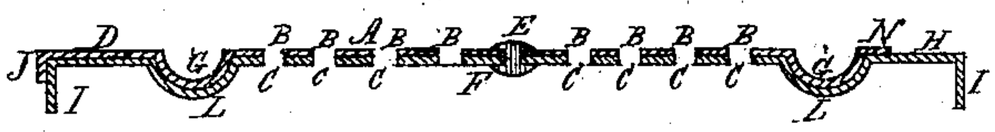


Fig. 2.

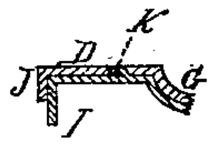
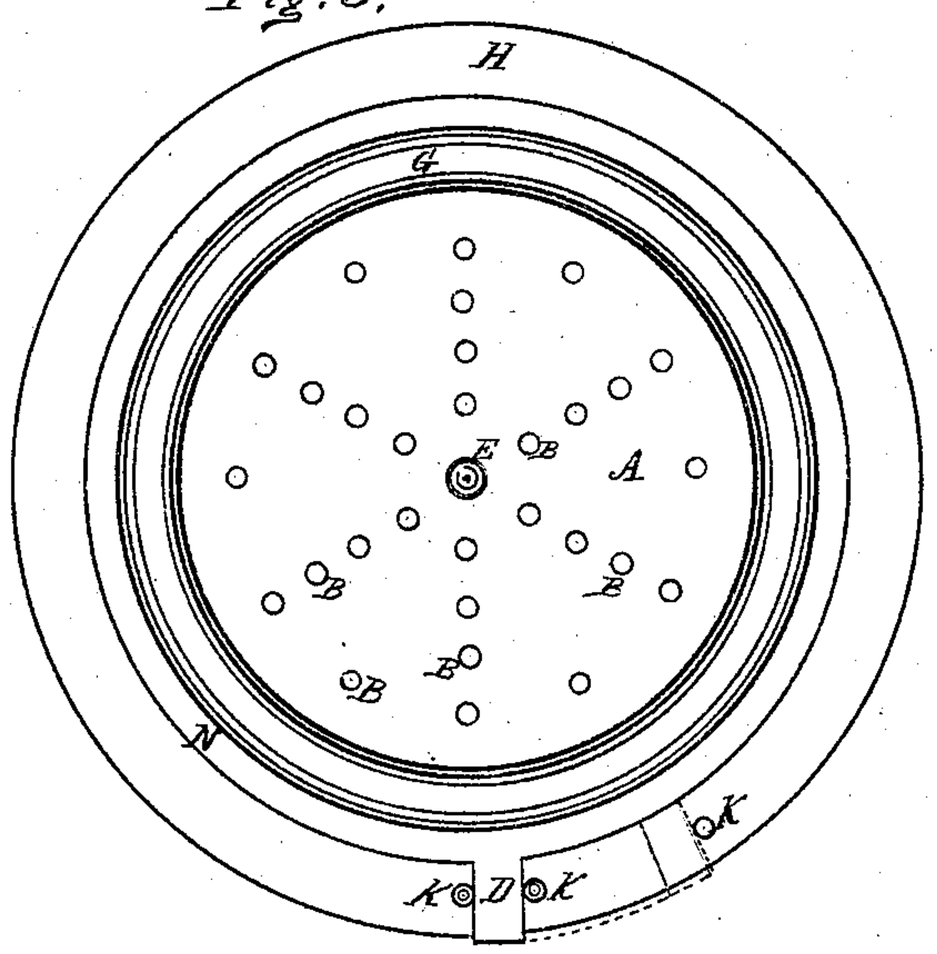


Fig. 3.



Witnesses,

Geo. L. Chapin

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Inventor.

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UNITED STATES PATENT OFFICE.

JOSEPH SEARS, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SPICE-BOXES.

Specification forming part of Letters Patent No. **130,445**, dated August 13, 1872.

SPECIFICATION.

I, JOSEPH SEARS, of Chicago, in the county of Cook and State of Illinois, have invented an Improved Cover for Dredge-Boxes, of which the following is a specification:

The present invention relates to an improved cover for those dredge-boxes which are first used to pack and ship the goods in when the covers are closed, and then used to discharge the contents when the boxes are used in private families, restaurants, &c. The nature of the present invention consists in milling the upper pivoted cover down into the main cover to prevent the escape of the contents of the box between the said covers and to give strength, and providing the margin of the main or lower cover with stops, by means of which the stem of the rotating cover is prevented from accidentally turning, and provided with a stop at the right place to bring the holes of one cover opposite to those of the other.

In the drawing, Figure 1 is a vertical section of my improved dredge-box cover taken on line *x*, Fig. 3; Fig. 2, a broken section, showing one of the nibs or lugs for holding the stem of upper cover from being turned by accident; Fig. 3, a plan view of the cover.

H F represent the lower or main cover of the box, which is, by suitable machinery, turned down at I for the convenience of fastening to the body of the can. This cover is perforated with any desired number of holes, C C C, &c., and it is pivoted to an upper rotating cover, A, at E. The cover A is provided with any desired number of holes, B B, &c., corresponding in position to the holes in the part F when the cover A is turned to the proper point, the holes in cover A being somewhat larger than in the cover F to enable the contents of the box freely to pass out. The two covers are, after being pivoted as described at E, milled together at G, so as to form a semi-bead, as shown in Figs. 1 and 2, to form a guide for the cover A to turn in and to bring the two parts closely together, preventing leakage. The means for turning the cover A consists of a stem, D, projecting out from it, said stem projecting onto the periphery of the cover, or coming even with it, as most convenient. In the drawing it is represented as projecting down outside of cover, as shown at J. The means for holding the stem D in position so as not to be accidentally turned by handling, packing, &c., consist of nibs or lugs K K, Figs. 2 and 3. These nibs can be formed by the dies which form the main cover or by solder, as most convenient, the stem resting between them when the package or box is being shipped.

I disclaim an upper rotating cover, as it has been before used; but

What I do claim to be new is—

The revolving perforated cover A, milled down into the cover H at G L, and provided with stops K K K to hold the stem D in place when the perforations B B, &c., are to be closed, and to regulate the distance it is to move for opening the perforations, as set forth.

JOSEPH SEARS.

Witnesses:
GEO. L. CHAPIN,
E. A. PECK.