(No Model.) 2 Sheets—Sheet 1.

S. B. KERSEY.

CABINET FOR MOLASSES MEASURES.

No. 447,643. Patented Mar. 3, 1891.

Fig 1

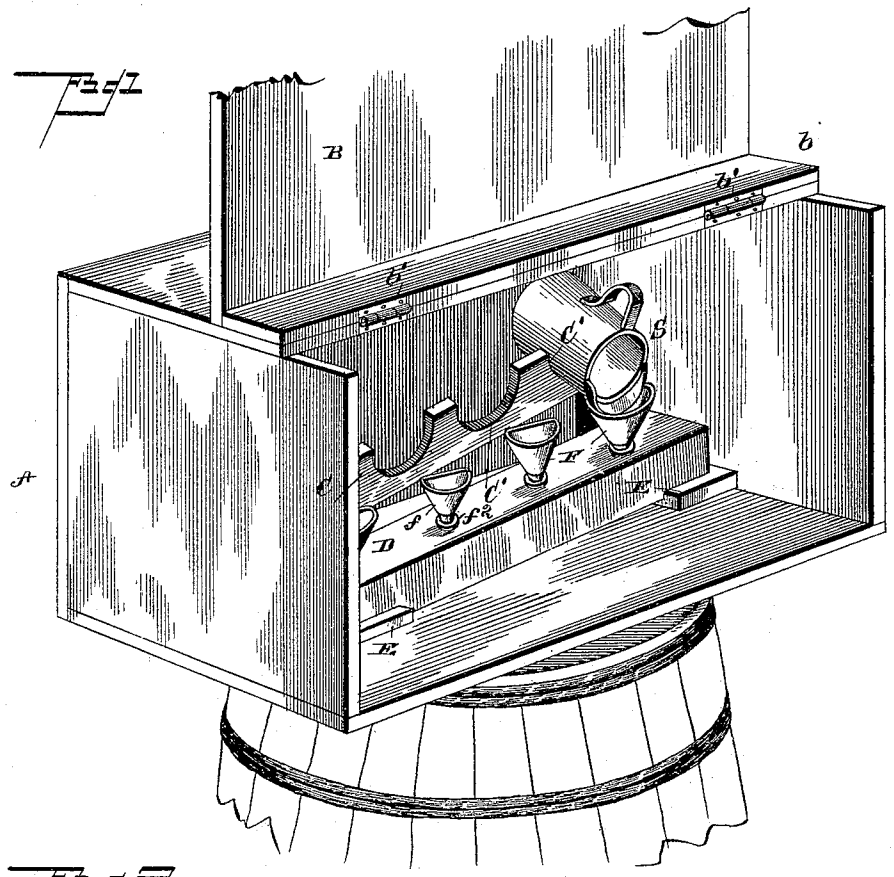
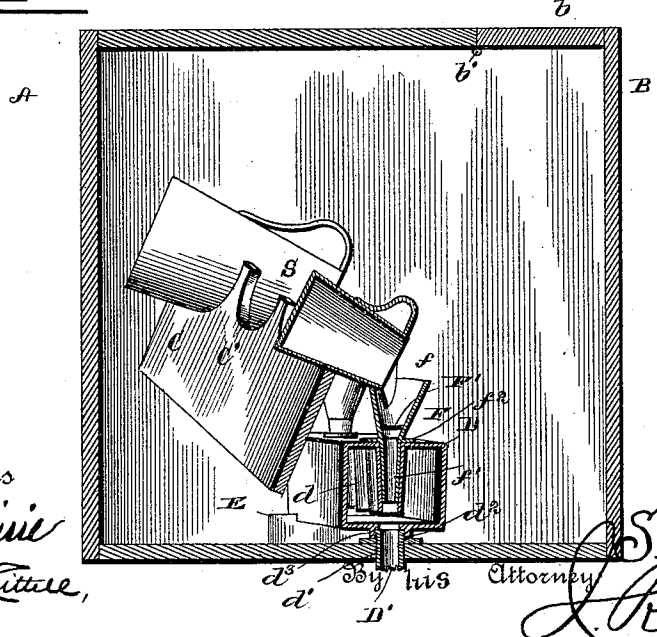


Fig 2



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(No Model.) 2 Sheets—Sheet 2.

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CABINET FOR MOLASSES MEASURES.

No. 447,643. Patented Mar. 3, 1891.

Fig 3

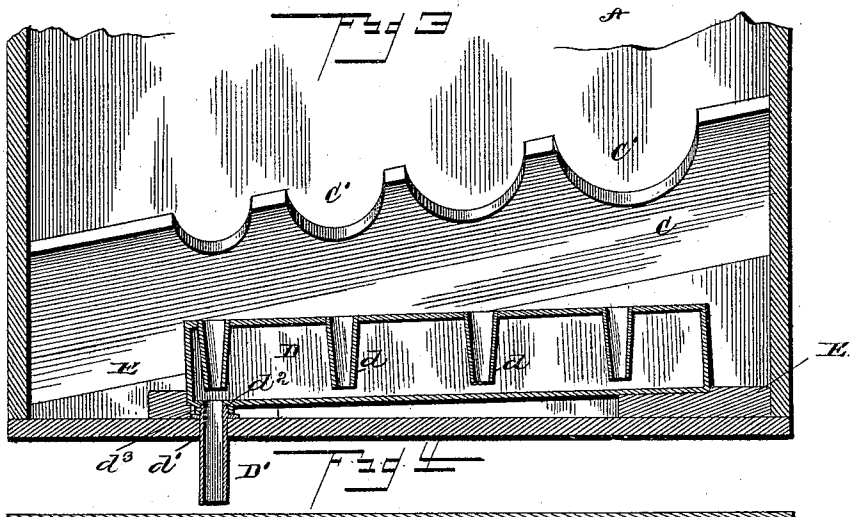


Fig 4

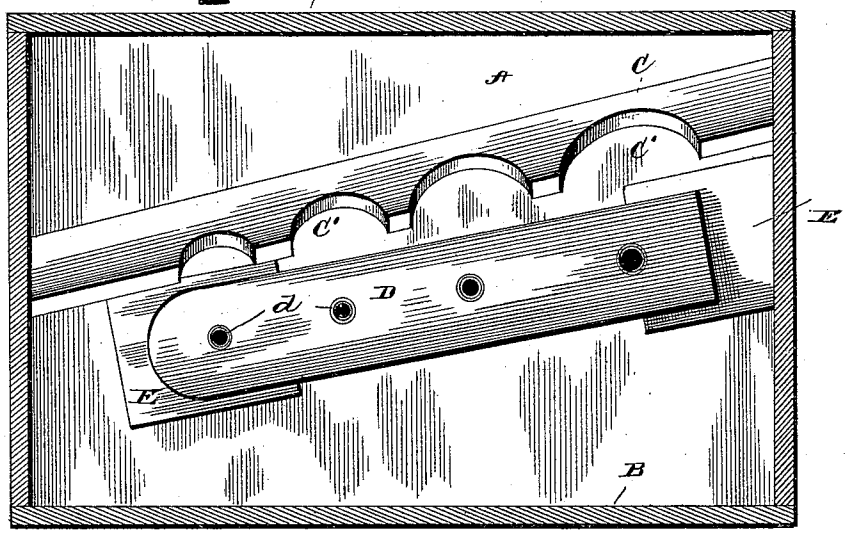
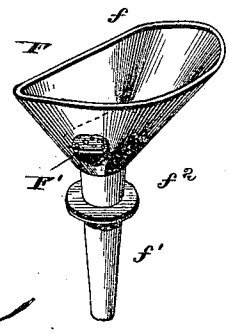


Fig 5



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UNITED STATES PATENT OFFICE.

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CABINET FOR MOLASSES-MEASURES.

SPECIFICATION forming part of Letters Patent No. 447,643, dated March 3, 1891.

Application filed July 17, 1890. Serial No. 359,061. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL B. KERSEY, a citizen of the United States, residing at Greensborough, in the county of Guilford and State of North Carolina, have invented certain new and useful Improvements in Cabinets for Molasses-Measures; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to cabinets or receptacles for molasses and other measures; and it has for its object to provide a device of this character adapted to contain the various measures when not in use and keep them free from flies and other insects.

A further object of the invention is to provide a cabinet of this class embodying in combination therewith simple and efficient means for effecting drainage of the surplus molasses from the measures, straining the same, and conveying it back to the barrel.

In the drawings, Figure 1 is a perspective view of a cabinet embodying my invention, the door or cover being thrown open to illustrate the construction. Fig. 2 is a vertical transverse sectional view thereof. Fig. 3 is a vertical longitudinal sectional view taken through the drain-receptacle. Fig. 4 is a top or plan view, parts being broken away to show the interior. Fig. 5 is a detail perspective view of one of the funnels.

Corresponding parts in the figures are denoted by the same letters of reference.

Referring to the drawings, A designates the cabinet, preferably constructed of wood and of rectangular shape, the front and a portion of the top being open. Covering the front of the cabinet is a door or cover B, having at its top edge an inward extension *b*, fitting the open portion of the top, and which is connected with the cabinet by hinges *b' b'*. The extension *b*, when the door is open, rests upon the cabinet and retains the door against closing. Within the cabinet is arranged obliquely a board or plate C, secured at one end to the adjacent end of the cabinet at about the vertical center thereof and near the back. From this end the board is inclined downwardly and forwardly and abuts against the opposite end of the cabinet, to which it is secured. Recesses C', of approximately semicircular form, are provided along this board C, and of varying size to accord with the different sizes of measures S.

D designates the drain-receptacle, seated in retaining plates or blocks E E, disposed at the ends thereof and recessed to correspond with said ends. The end of this receptacle nearest the higher end of the board C is slightly elevated to effect drainage of the contents thereof, and from this elevated end the receptacle D is inclined forwardly, but at a less degree of inclination than the board C, the object of which will appear farther on. From the top of the receptacle D project inwardly a series of tubes *d*, open at thir upper and lower ends, and extend to within a short distance of the bottom of the receptacle. These tubes *d* correspond in number and location to the recesses in the board C. A tube D' is provided at the bottom of the receptacle at its lower end, which projects through an opening *d'* therefor in the bottom of the casing and into the barrel. This tube is provided at its upper end with exterior screw-threads d^2, which engage an interiorly-threaded collar d^3, provided on the receptacle, said tube being removable for purpose of cleansing the receptacle.

F designates a series of funnels of varying size and corresponding in number to the tubes *d* and adapted to engage the same. The funnels F each comprise a flaring mouth *f*, of approximately semicircular shape in cross-section, and from the contracted end of which projects a tube *f'*. Within the mouth of each funnel is provided a strainer F', while upon the tube *f'* is disposed a collar f^2, limiting the entrance thereof into the tubes *d*.

The operation and advantages of my invention will be readily understood by those skilled in the art to which it appertains. The funnels and the measures are arranged in the cabinet according to their size and length—the larger measure at the higher end of the board C and the smaller one at the lower end. When it is desired to use one of the measures, the same is removed from the cabinet, together with its funnel, (the latter being used to strain the molasses drawn from the barrel, if desired.) When placed back in the cabinet, the bottom of the meas-

ure is seated in its recess C′, with its lip projected into its funnel and resting against the flat side of the mouth thereof. In this position the surplus molasses passes into the funnel, where it is strained, and through the receptacle D back into the barrel. It will thus be apparent that by the employment of my improved cabinet the measures are kept free from dust and flies or other insects, while the surplus molasses is conveyed back to the barrel in a clean state. It will furthermore be obvious that while I have herein described my invention as used in connection with molasses, it is equally as well adapted for service in connection with other fluids.

I claim as my invention—

1. The combination, with a cabinet, of a drain-receptacle disposed therein, elevated at one end and provided at its opposite end with a downwardly-projecting tube extending through the bottom of the casing and adapted to project within a barrel or other receptacle, openings in said drain-receptacle, graduated funnels engaging the same, and an inclined board or plate arranged at an angle to the drain-receptacle and provided with recesses of varying size, said board or plate and the funnels being adapted to support graduated measures in such a manner as to effect drainage of the same into the drain-receptacle, substantially as set forth.

2. The combination, with a cabinet, of an inclined drain-receptacle disposed therein and provided with a series of tubes projecting inwardly from the top of said receptacle, and with a tube projecting from the bottom of the latter at its lower end and through the casing, a support in rear of the receptacle, and funnels disposed in the inwardly-projecting tubes and comprising a flaring mouth flat upon one side, and a tube projecting from said mouth, provided with a collar, for the purpose described, said support and funnels being adapted to receive graduated measures, in the manner and for the purpose set forth.

3. The combination, with a barrel or other receptacle, of a cabinet disposed on top thereof and containing an inclined drain-receptacle connected at its lower end with the barrel or receptacle by a tube, tubes projecting inwardly from the top of the drain-receptacle, funnels engaging said tubes, and an obliquely-arranged support in rear of the drain-receptacle and at an angle thereto, substantially as and for the purpose set forth.

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

SAMUEL B. KERSEY.

Witnesses:

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J. MONROE S. MILLIKEN.