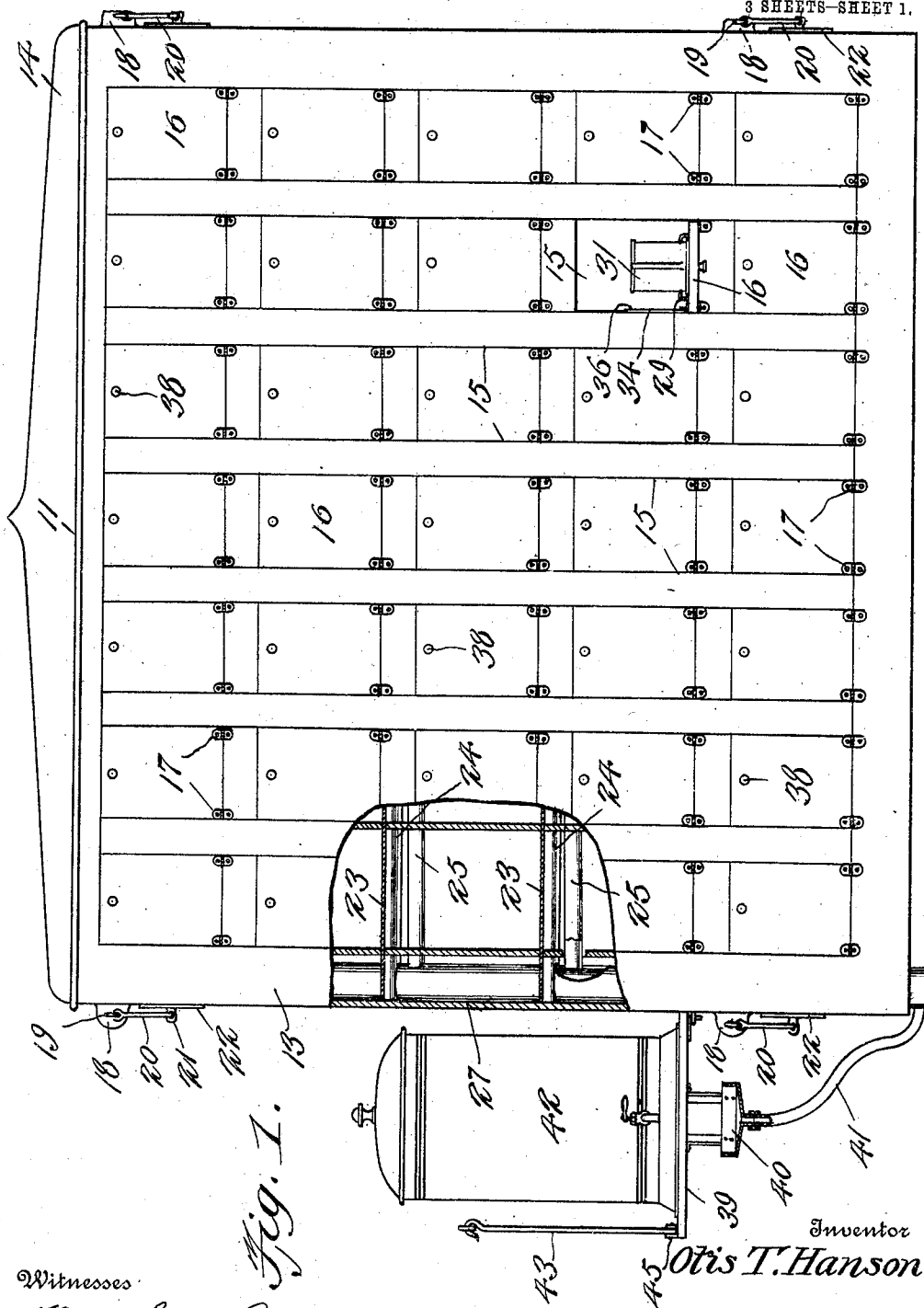


O. T. HANSON.
CUP RECEIVING CABINET.
APPLICATION FILED DEC. 21, 1910.

991,298.

Patented May 2, 1911.

3 SHEETS-SHEET 1.



Witnesses

Frank B. Hoffman
H. O. Parker

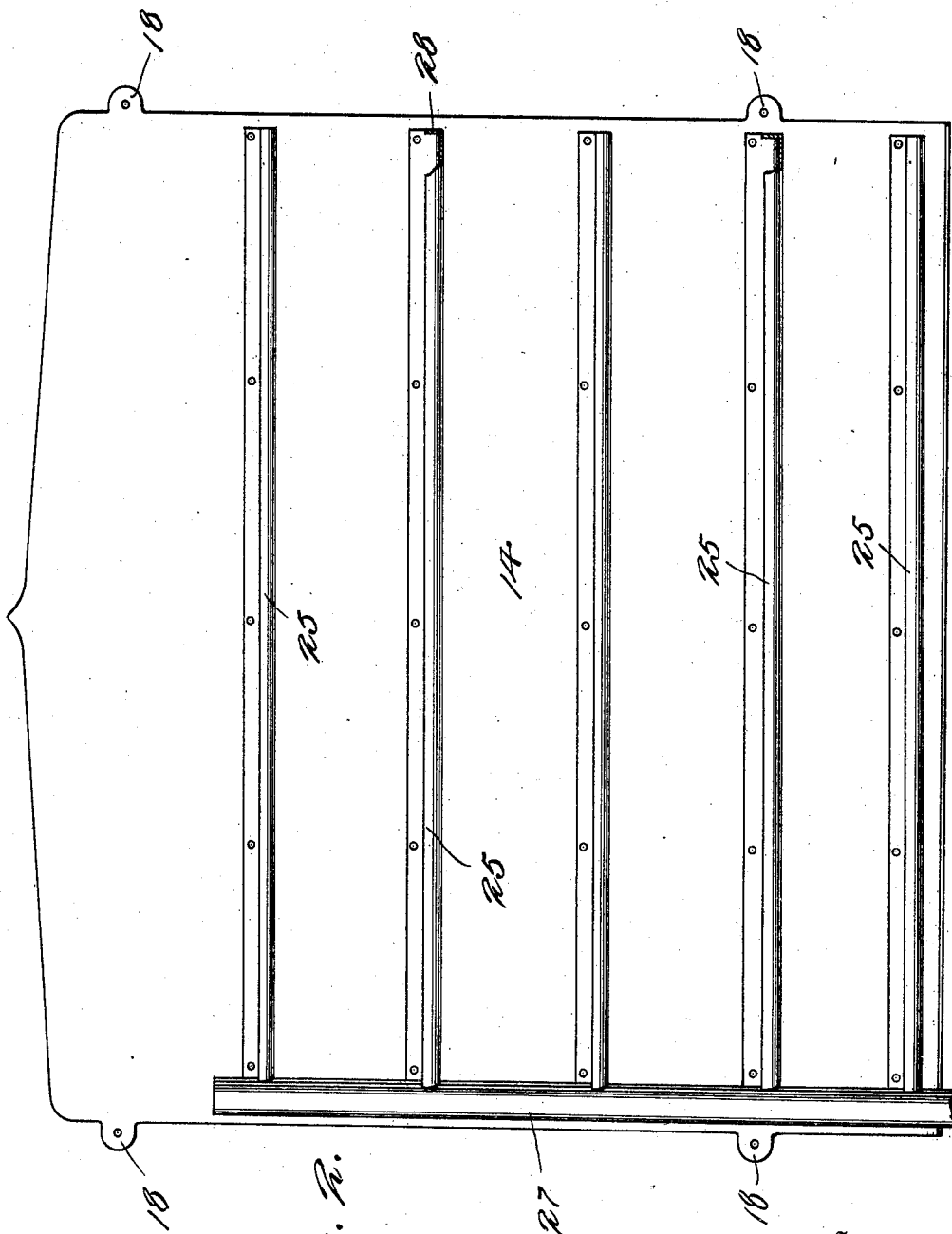
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Fig. 2.

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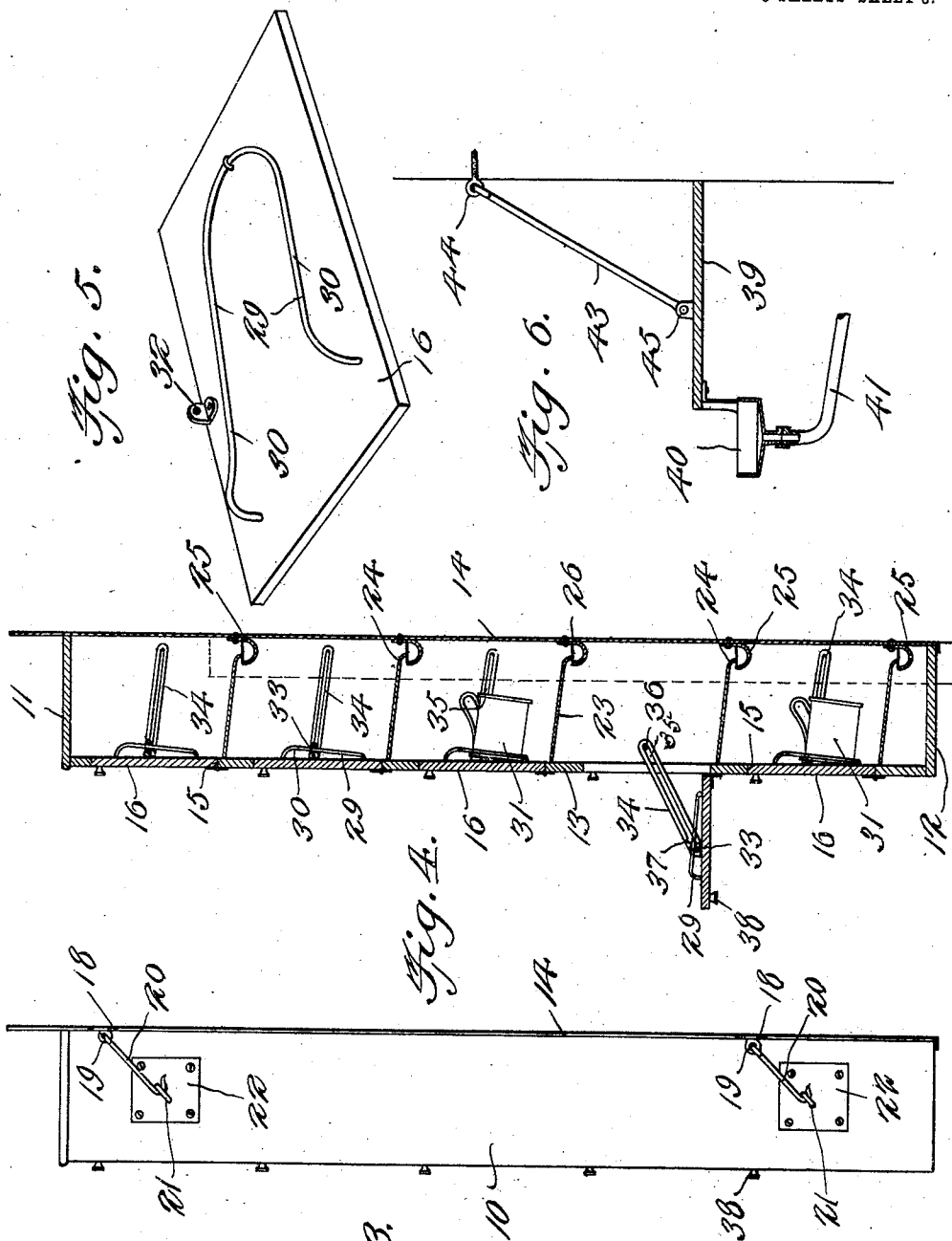
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3 SHEETS—SHEET 3.



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UNITED STATES PATENT OFFICE.

OTIS T. HANSON, OF RUBY, WISCONSIN.

CUP-RECEIVING CABINET.

991,298.

Specification of Letters Patent.

Patented May 2, 1911.

Application filed December 21, 1910. Serial No. 598,510.

To all whom it may concern:

Be it known that I, OTIS T. HANSON, a citizen of the United States, residing at Ruby, in the county of Chippewa and State of Wisconsin, have invented new and useful Improvements in Cup-Receiving Cabinets, of which the following is a specification.

The invention relates to a cabinet, and more particularly to the class of cup receiving cabinets.

The primary object of the invention is the provision of a cabinet in which drinking cups, after being used, may be held, whereby the same may be drained, the cabinet being divided into independent compartments for receiving individual drinking cups, so that each person using the cabinet may know the cup individually used by him, thus overcoming the possibility of the spreading of diseases that would otherwise result should a number of persons use a single cup.

Another object of the invention is the provision of a cabinet in which there is arranged a plurality of compartments for receiving drinking cups, the latter when confined within the compartments will readily drain for the drying thereof, thus assuring a sanitary condition and obviating the spreading of disease by the use of a single cup by a number of persons.

A further object of the invention is the provision of a cabinet of this character in which drinking cups may be stored when not in use and when confined within the cabinet will be held in such position for the draining thereof, the leakage from the cups being carried off by means of a conduit, the cabinet being provided with a suitable support for a fount or ice water cooler, so that in this manner persons desiring to drink water from the cooler will have free access to an individual drinking cup, thus obviating the necessity of a number of persons drinking from the same cup, thereby preventing the spreading of an infectious or contagious disease, the cabinet being especially designed for use in hotels, department stores, mercantile or other houses.

A still further object of the invention is the provision of a cabinet of this character which is simple in construction, readily and easily accessible, and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claims hereunto appended.

In the drawings: Figure 1 is a front elevation of a cabinet constructed in accordance with the invention, the same being partly shown in section. Fig. 2 is a similar view with the front of the cabinet removed. Fig. 3 is an end elevation of the cabinet. Fig. 4 is a vertical transverse sectional view through the cabinet, showing one of the doors in lowered position. Fig. 5 is a perspective view of one of the hinged doors detached from the cabinet. Fig. 6 is a fragmentary vertical sectional view through the water cooler platform or shelf.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings by numerals, the cabinet comprises a case, as herein shown, having vertical side walls 10, top wall 11, bottom wall 12, front wall 13, and a removable back wall 14, the latter being preferably constructed from sheet metal, while the other walls of the said case are preferably constructed from wood, the front wall 13 being formed with spaced rows of openings 15 forming door ways permitting access to the interior of the case. Normally closing the openings 15 forming the door ways are swinging doors 16, each being connected to the front wall 13 by means of ordinary hinges 17, whereby the door may be brought either to open or closed position.

Formed on the removable back wall 14 at opposite ends thereof are laterally extending perforated ears 18 through the apertures of which are passed suitable eye bolts 19 which are engaged in a wall for the hanging of the cabinet, the eyes of the members 19 having loosely connected thereto hooks 20 which detachably engage in eyes 21 projecting outwardly from and formed integral with base plates 22 secured to the side walls 10 of the casing, the hooks 20 being adapted to detachably connect the front section of the case to the back, whereby the said case, including the back wall 14, will hang upon the wall in a unit.

Fixed to and projecting inwardly from the inner face of the front wall 13 are rear-

wardly inclined drip tables or shelves 23, the same being positioned above and below the openings 15 in each door, and extend longitudinally entirely across the case, the ends of the drip shelves or tables 23 being suitably secured to the side walls 10 of the said case. The shelves or tables 23 are provided with downwardly curved rear edges 24 which overhang the forward free edges of drain troughs 25, the same being fixed to the back wall in any suitable manner, preferably by means of rivets 26, each trough 25, at one end, opening into a vertical stand pipe 27, while its opposite end is formed with a vertical closure wall 28, the stand pipe being connected and communicating with a conduit or main, (not shown), whereby liquid delivered into the troughs 25 from the drip shelves or tables 23 may be conveyed into the stand pipe 27 then into the said main.

Mounted at the inner faces of the doors 16 are U-shaped spring wire clips 29, the same being secured to the doors in any suitable manner, whereby its arms 30 will be spaced therefrom, so as to permit the gripping and holding of cups 31 when inserted between the arms 30, the said cups 31 being readily and easily slipped or removed from the clips 29, when it is desired to use the same. These cups 31 when detachably held in said clips 29 and the doors being closed, will hang at a rearward inclination, thus permitting the draining of the cups, so that the drippings therefrom will fall upon the drip tables or shelves 23 into the drain troughs 25, thence into the stand pipe 27 to the main.

Each door 16 has fixed to its inner face near one edge an ear 32, to which is connected by means of the pivot 33 one end of a slide bracket 34, the latter being provided with an elongated guide slot 35, in which is engaged a guide pin 36, fixed in and projecting from the inner face of the side walls 10. Also formed in the slide bracket 34 at the outer end of the slot 35 therein is an offset notch 37 adapted to receive the pin 36 when the door 16 has been closed for sustaining it in such position, the door being provided with the usual hand knob 38, whereby it may be easily and readily opened or closed at will.

Suitably fixed to and projecting outwardly from one side wall is a supporting platform or shelf 39 which has secured to its front edge a drip cup 40, with which is connected a drain tube 41, the same leading into the stand pipe 27 and upon this platform or shelf 39 is adapted to be positioned a water fount or ice water cooler 42 of any ordinary well-known construction. The shelf or platform 39 is braced by means of a hook member 43, the latter being loosely connected to an eye member 44 suitably

fixed in an adjacent wall, to which the case is attached and hangs from, the said hook member 43 being detachably engaged with a perforated ear 45 suitably connected with the platform or shelf 39, and by means of this hook member 43 the said shelf or platform is braced for sustaining its load when supporting the ice water cooler or fount 42 mounted thereon.

The slide bracket 34 connected with the doors 16 will limit the outward swinging movement of the latter and sustain the same in horizontal position, and when the doors are open, the cups 31 may be readily and easily removed from the clips 29 on the doors, whereby the cups may be used for drinking purposes.

It is obvious that a person desiring to drink water from the fount or water cooler 42 may readily and easily gain possession of the drinking cups 31 in the cabinet, and after the use of the said cup when the same is replaced within the cabinet, it may be drained of any liquid remaining therein, thus assuring sanitary conditions, the cups each being used by designated individuals, so that a number of persons will not necessarily have to use the same cup for drinking purposes, thereby obviating the spreading of diseases.

From the foregoing, the construction and operation of the invention will be readily understood without requiring a more extended explanation, and therefore the same has been omitted.

What is claimed is:

1. A cabinet of the class described, comprising a case having drip catching means arranged interiorly thereof, a hinged door normally closing the case, and means for supporting a cup at a rearward inclination upon the said door, whereby drippings from the cup will be caught by the catching means.

2. In a cabinet, a case having a plurality of door ways in its front, doors hinged to the case and normally closing said door ways, rearwardly inclined drip shelves arranged below each door way, troughs arranged within the case and communicating with the drip shelves, and means for detachably clamping cups to the doors, whereby the said cups will drain onto the shelves.

3. In a cabinet, a case having a plurality of door ways in its front, doors hinged to the case and normally closing said door ways, rearwardly inclined drip shelves arranged below each door way, troughs arranged within the case and communicating with the drip shelves, means for detachably clamping cups to the doors, whereby the said cups will drain onto the shelves, means for holding the doors in horizontal position when open, a supporting shelf fixed to the said case and having a drain device con-

nected thereto, and a stand pipe communicating with the troughs and the said drain device.

4. In a cabinet of the class described, a
5 case, a hinged door carried by the case,
means for detachably connecting a cup to
the door, whereby on the closing of the door,
the cup will be held at a rearward inclination,
and means for catching the drippings
10 from the cup.

5. A cabinet of the class described, comprising a case having a removable back, drain means supported by said back and ex-

tending within the case, a door normally
closing the cabinet, clip means for connect- 15
ing the cup to the door, whereby such cup
will discharge liquid to the drain means,
and means detachably connecting the back
to the case.

In testimony whereof I affix my signature 20
in presence of two witnesses.

OTIS T. HANSON.

Witnesses:

VERNE LUKE,
JOE WILBER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
