W. W. VEARING.

DEVICE FOR OILING OR SHELLACKING FLOORS.

APPLICATION FILED MAY 9, 1910.

**1,120,426.**

Patented Dec. 8, 1914.

4 SHEETS—SHEET 1.

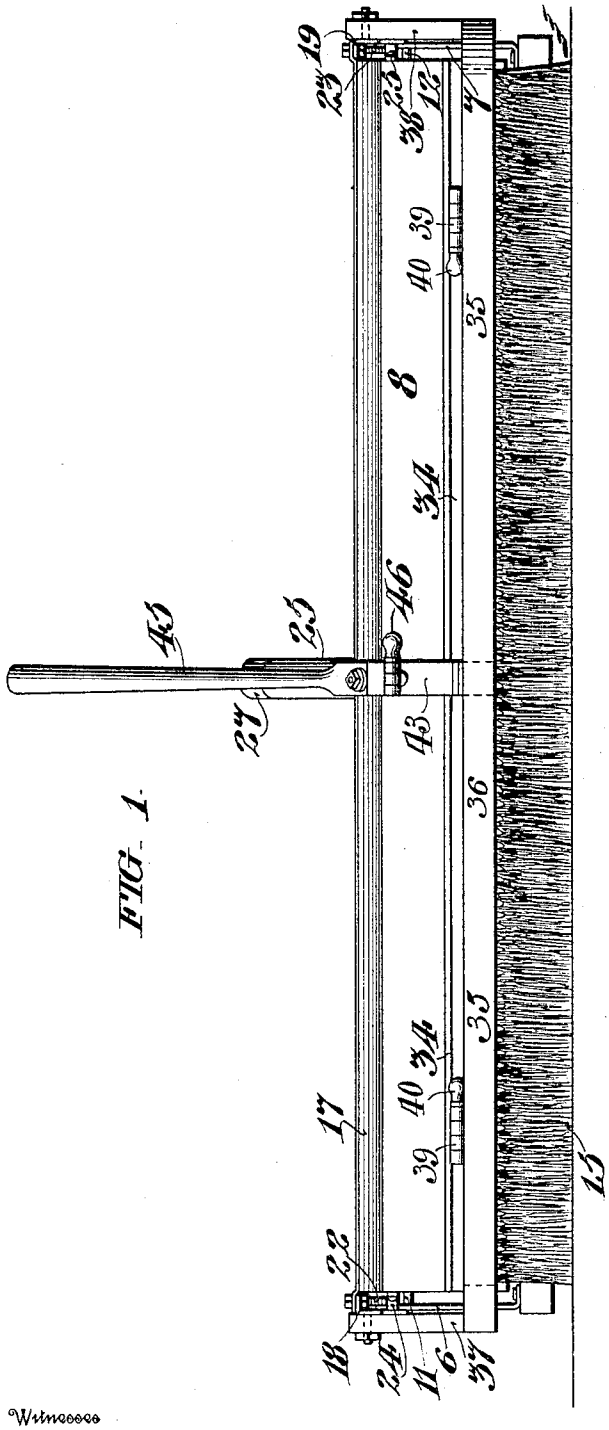



FIG. 1.

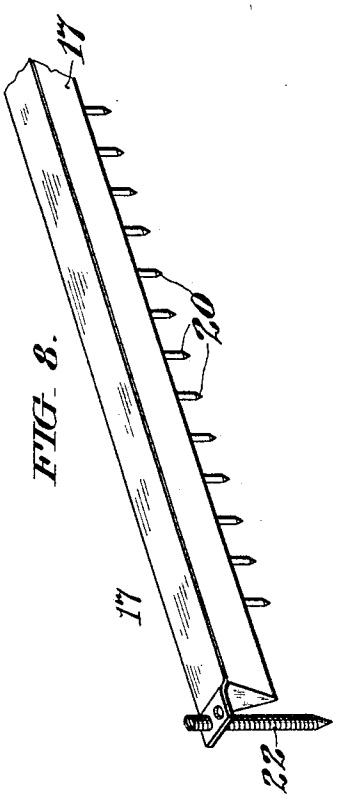



FIG. 8.

Witnesses

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4 SHEETS—SHEET 2.

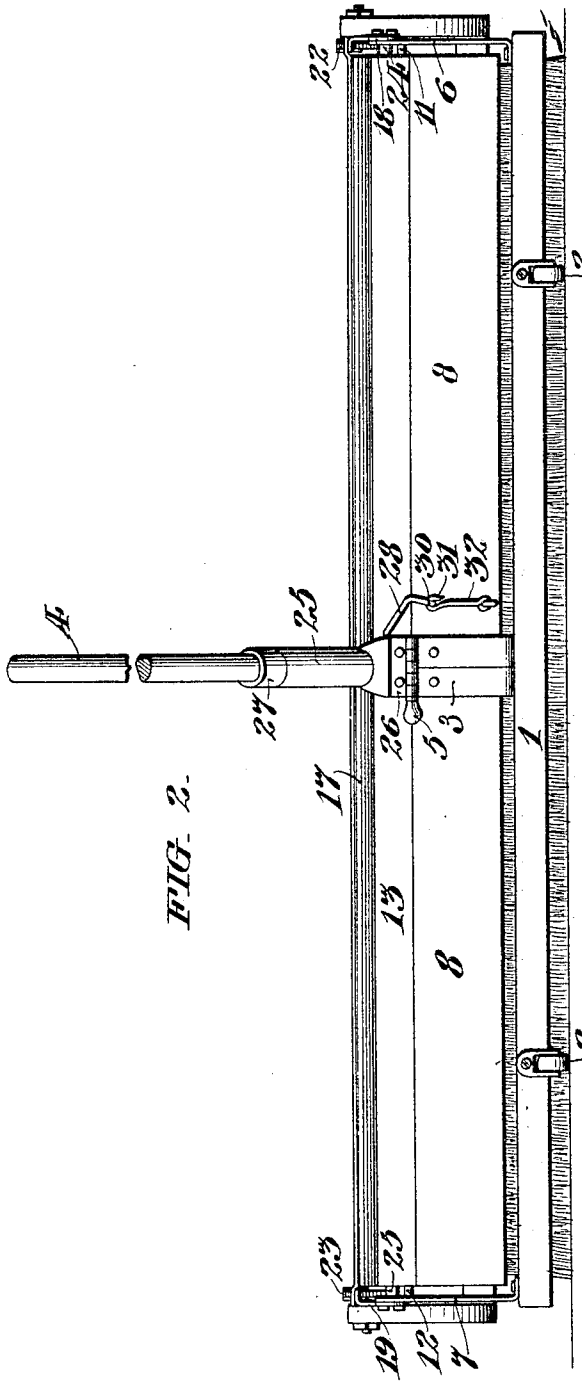


FIG. 2.

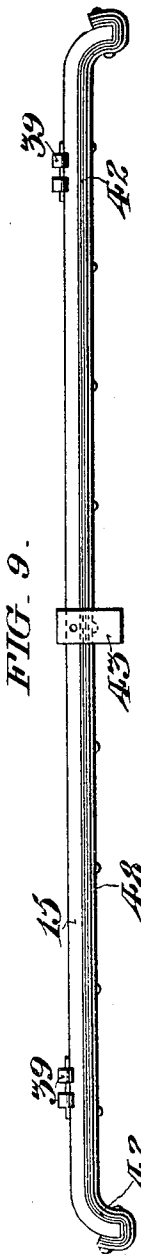


FIG. 9.

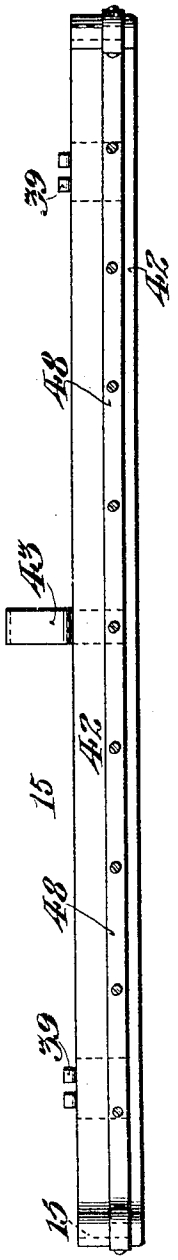


FIG. 10.

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4 SHEETS—SHEET 3.

FIG. 1.

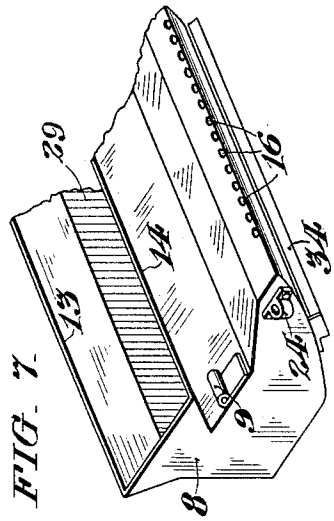



FIG. 3.




FIG. 4.




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4 SHEETS—SHEET 4.

FIG. 5.

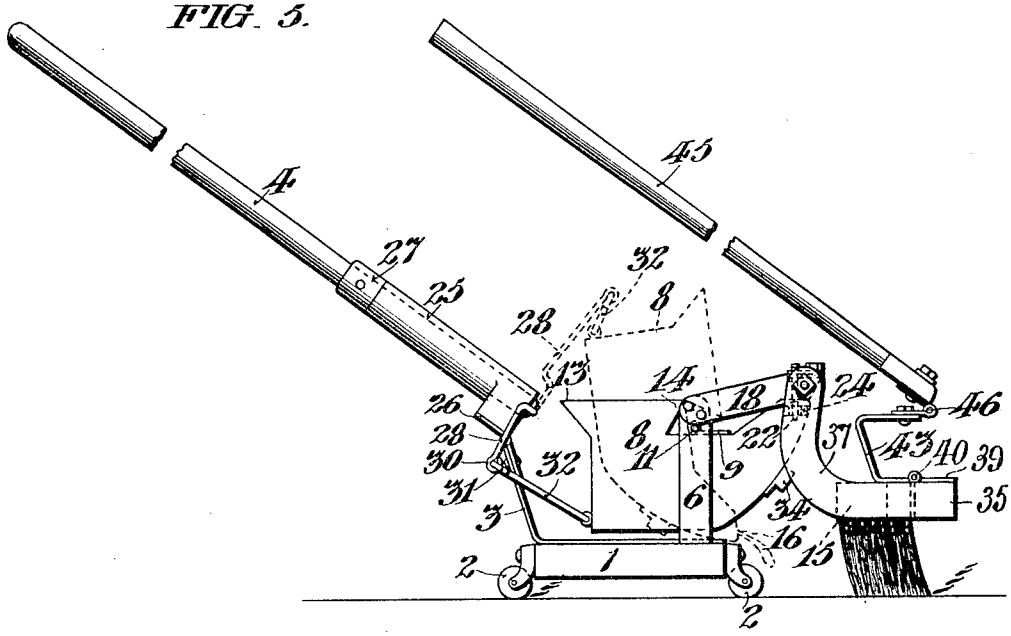
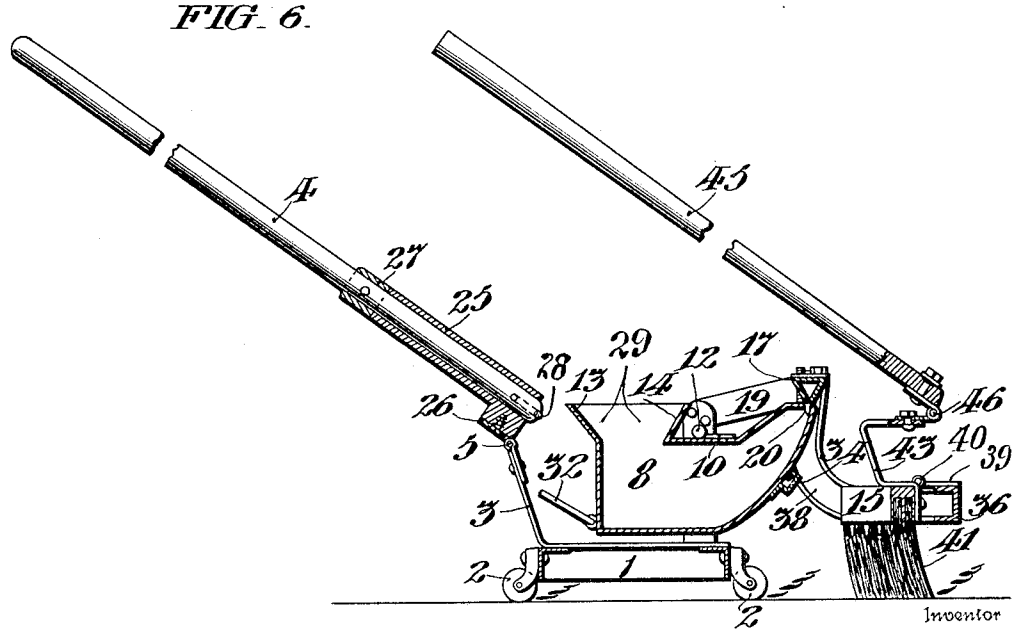



FIG. 6.




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# UNITED STATES PATENT OFFICE.

WILLIAM W. VEARING, OF PHILADELPHIA, PENNSYLVANIA.

## DEVICE FOR OILING OR SHELLACKING FLOORS.

1,120,426. Specification of Letters Patent. Patented Dec. 8, 1914.

Application filed May 9, 1910. Serial No. 560,305.

*To all whom it may concern:*

Be it known that I, WILLIAM W. VEARING, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Oiling or Shellacking Floors, of which the following is a specification.

My invention relates to a device for oiling and shellacking floors and particularly bowling alleys.

The object of my invention is to construct a device which may be drawn over the surface to be oiled or shellacked, having a tank or receptacle for the liquid and a member for distributing the liquid over the surface.

A further object of my invention is to provide means for tilting the receptacle by means of a handle to regulate the flow of the liquid from the receptacle.

A still further object of my invention is to provide means for keeping the discharge outlets of the receptacle from being clogged by the liquid.

A still further object of my invention is to provide a distributing member having a brush and a distributing member having a felt or cloth edge, said distributing members being interchangeable; and a still further object of my invention is to provide means for raising the distributing member and turning it so that it will enter the liquid receptacle for keeping the same soft when not in use, these together with various novel features of construction and arrangement of the parts constitute my invention.

In the accompanying drawings, in which like references refer to like parts: Figure 1 is a front elevation of my improved oiling or shellacking device; Fig. 2 is a rear elevation of the same; Fig. 3 is a plan view of the same; Fig. 4 is an end elevation showing the distributing member or brush raised; Fig. 5 is an end elevation showing the brush in action and the liquid receptacle shown in the tilted position in dotted lines; Fig. 6 is a transverse section on line 6—6 Fig. 3; Fig. 7 is a perspective view of one end of the liquid receptacle; Fig. 8 is a perspective view of a portion of the cross-piece carrying the pins for opening the apertures in the liquid receptacle; Fig. 9 is a plan view of the distributing member having a felt or cloth edge in place of a brush; and, Fig. 10 is a side elevation of Fig. 9.

Referring to the drawings 1 represents a rectangular frame or base provided with rollers 2 so that the device may be drawn over any surface which is to be oiled or shellacked. The base is provided with a bearing 3 to which is pivotally secured the handle 4 for drawing the device. The handle 4 is connected with the base 1 by a hinge connected by a pin 5 which may be readily withdrawn to detach the handle. The base 1 is also provided with bearings 6 and 7 between which is pivotally mounted the liquid receptacle 8 for containing the liquid to be applied to the surface to be treated. Upon the receptacle 8 are sleeves 9 and 10 forming bearings to receive the stud-shafts 11 and 12 secured in the bearings 6 and 7.

The receptacle 8 is provided with a large opening 29 extending the full length of the receptacle and having flanges 13 and 14 extending above the point where the receptacle is pivoted to prevent the liquid from overflowing and also forming a large opening for the entrance of the distributing member 15. The forward side of the receptacle 8 is curved to permit the same to swing upon the stud-shafts 11 and 12 and a series of apertures 16 are provided in the upper flat surface of the receptacle, as shown in Fig. 7, through which apertures 16 the liquid is discharged when the receptacle 8 is tilted.

A cross-bar 17 extends the length of the receptacle 8 and is supported by arms 18 and 19 rigidly secured to the bearings 6 and 7. The said cross-bar 17 is provided with a series of pins 20, as shown in Fig. 8, which enter the apertures 16 formed in the receptacle 8, when the latter is in the normal position, as shown in Figs. 4, 5 and 6. The pins 20 will prevent the apertures 16 from clogging when the shellac is used in the device. At the ends of the cross-bar 17 are screws 22 and 23 which enter sockets 24 and 25 secured to the outside surface of the ends of the receptacle 8. These screws have conical points and are longer than the pins 20 on the cross-bar 7 so that when the receptacle 8 is returning to its normal position the screws 22 and 23 will first enter the sockets 24 and 25 on the receptacle 8 and adjust the receptacle, so that the pins 20 will aline with the apertures 16 in the receptacle and enter freely. The cross-bar 17 is of triangular cross-section, so that a nar-

row edge will contact with the receptacle 8 and thus reduce the tendency of the shellac causing the parts adhering.

The forward edge of the receptacle normally rests against the under side of the cross-bar 17 due to the opposite portion of the receptacle being heavier.

The receptacle is tilted by means of the handle 4 which is rotatably mounted in the sleeve 25 carrying one portion of the hinge 26 on the bearing 3. A collar 27 secured on the handle 4 is located at one end of the sleeve 25 and at the other end of the sleeve the handle 4 is provided with an arm 28 having an eye 30 formed in the outer end thereof to receive the hook end 31 of a link 32 which is pivotally connected with the lower portion of the receptacle. By twisting the handle 4 the arm 28 will pull on the link 32 and tilt the receptacle 8 so that the liquid will flow out of the apertures 16 formed in the receptacle.

A drip flange 34 is secured to the front surface of the receptacle 8 to catch any liquid that may remain on the outside of the receptacle after it has been returned to its normal position.

A pivoted frame 35 is provided for carrying the distributing member 15. Said frame consists of the front piece 36 having end portions 37 and 38 which are pivoted to the arms secured to the bearings 6 and 7. The distributing member 15 is pivoted to the frame 35 by hinges 39 connected by pins 40 which may be readily removed to attach a distributing member having either a brush 41 or a felt edge 42, as shown in Figs. 9 and 10. A bracket 43 is secured to the distributing member, to the end of which is hinged a handle 45, for lifting the frame 35 and distributing member 15 from the floor. The handle and the bracket 43 are connected by a pin 46 which may be readily removed when it is desired to change the distributing members.

By means of the handle 45 the distributing member may be lifted and turned into the proper position to enter the opening in the top of the receptacle 8, thus holding the distributing member in such a position that the liquid will not drip upon the floor and the distributing member may remain in the liquid in the receptacle 8 to keep the distributing member from becoming dry and hard.

The distributing members are curved at their ends to better hold the liquid in front of the distributer when too much has been discharged from the receptacle 8.

The distributing member 15, having the felt or cloth, is provided with a strip of metal 48 for attaching the felt or cloth to the distributing member, which may be removed for the purpose of replacing the felt or cloth.

The operation of my invention is as follows: The liquid receptacle is placed in its normal position, as shown in Fig. 5 and filled with oil or shellac according to the finish desired upon the floor or bowling alley. The distributing member having the brush is attached to the frame when it is desired to form a heavy coating upon the floor and when a thin coating is desired the distributing member having the felt or cloth edge is attached to the frame. The device is placed upon the surface to be treated and the handle 4 is rotated to tilt the receptacle so that the liquid will flow out through the apertures 16 and fall upon the floor. By means of the handle 4 the device is drawn along the floor. The distributing member is held in place by the handle 45. When the surface has been covered the handle 4 is allowed to turn and permit the receptacle to assume its normal position and stop the flow of the liquid, the drip flange 34 catching any liquid which may remain on the outside of the receptacle. The distributing member is raised from the floor by means of the handle 45 and the distributing member may be inserted in the mouth of the receptacle 8, as shown in Fig. 4, and emersed in the oil to prevent it hardening.

The pins 20 upon the cross-bar will prevent the apertures in the receptacle from being clogged by the drying of the oil or shellac.

The brush or felt distributers are interchangeable and the handles may be quickly detached for the purpose of packing the device in a small space.

Having thus described my invention I claim and desire to secure by Letters Patent:

1. In a device of the character described, the combination of a portable base, a receptacle for containing liquid mounted upon said base, means for discharging liquid from said receptacle, said receptacle having an elongated opening formed in the top thereof, a frame pivotally mounted upon said base, a distributer carried by said frame, and said frame adapted to be raised to permit the distributer to enter the said opening formed in the receptacle.

2. In a device of the character described, the combination of a portable base, a receptacle for containing liquid mounted upon said base, means for discharging the liquid from said receptacle, arms extending from said base, a frame pivotally mounted in said base, a distributer pivotally mounted upon said frame, a bracket secured to said distributer, a handle pivotally connected to said bracket for lifting the distributer and the frame, and said liquid receptacle having an opening formed in the top thereof to receive the said distributer.

3. In a device of the character described, the combination of a portable base, bearings

at each end of said base, a liquid receptacle pivotally mounted between said bearings, said receptacle having a series of discharge apertures formed near the edge thereof, a cross bar extending between said bearings forming a stop against the under side of which cross bar the discharge edge of the receptacle normally rests, a series of pins depending from said cross bar, said pins being of smaller dimensions than the discharge apertures formed in the receptacle to allow said pins to freely enter the same and prevent the liquid in the receptacle from clogging the discharge apertures formed in the receptacle.

4. In a device of the character described, the combination of a portable base, bearings at each end of said base, a liquid receptacle pivotally mounted between said bearings, a cross bar extending between said bearings, against the under side of which cross bar one edge of the receptacle normally rests, a series of pins depending from said cross bar and adapted to enter discharge apertures formed in the receptacle to insure said apertures being open when the receptacle is tilted to discharge its contents through said apertures, a socket secured to the end of the receptacle, a conical member secured to said end bearing, said conical member being longer than the said pins on the cross bar so that it will first enter said socket upon the receptacle and cause said pins to aline with the discharge apertures formed in the receptacle.

5. In a device of the character described, the combination of a portable base, a receptacle for containing liquid pivotally mounted upon said base, said receptacle having discharge apertures formed therein near the upper edge thereof, a handle for moving said base, a sleeve in which said handle is rotatably mounted, a bearing secured upon said base to which said sleeve is pivotally connected, an arm secured to the lower end of said handle and extending at right angles thereto, a connecting link between said arm and the receptacle, a frame pivotally mounted upon said base, a distributer carried by said frame, and said frame adapted to be raised to permit the distributer to enter the said opening formed in the receptacle.

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

WILLIAM W. VEARING.

Witnesses:

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