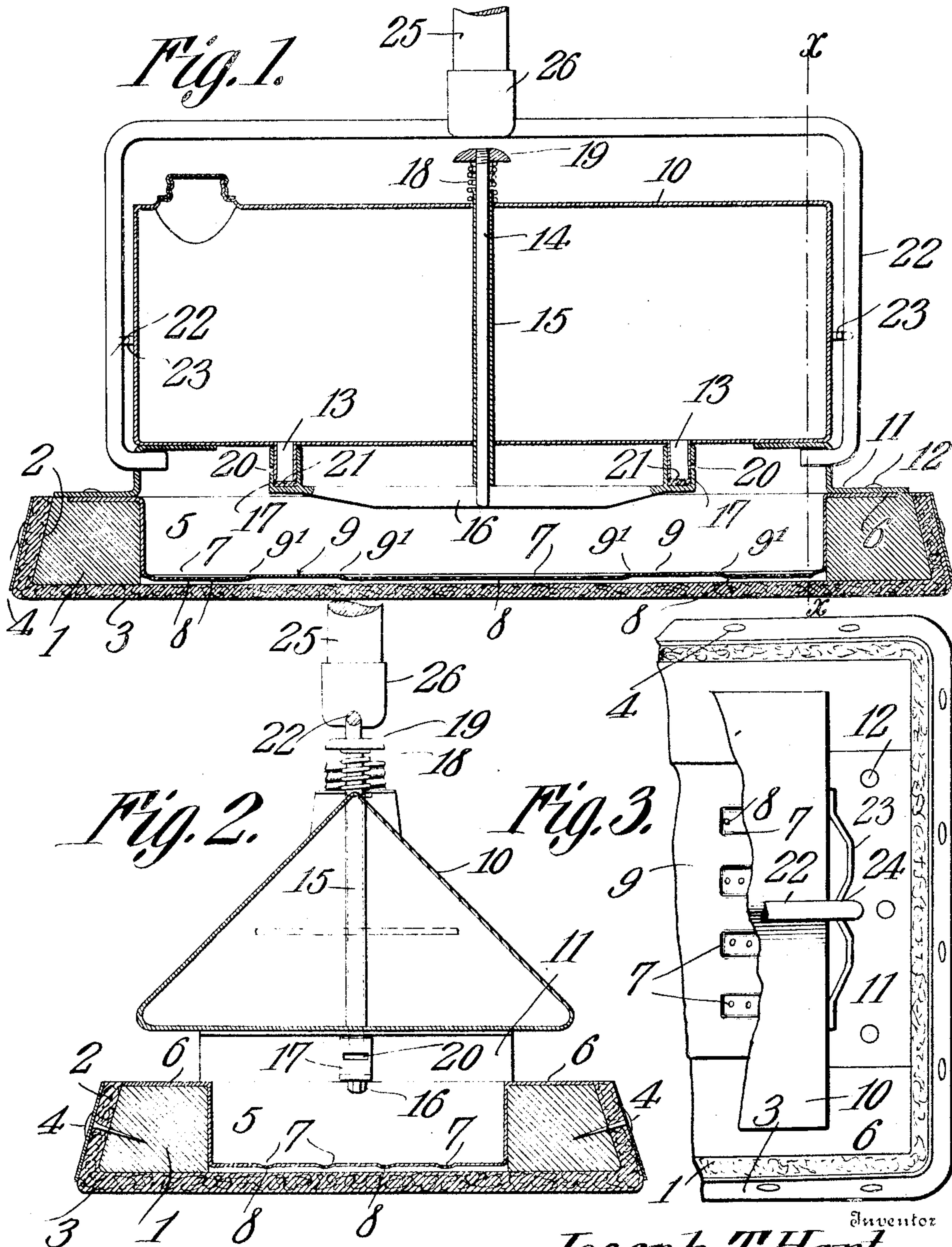


929,943.

Patented Aug. 3, 1909.



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOSEPH T. HART, OF BROOKLYN, NEW YORK.

## FLOOR-OILER.

No. 929,943.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed April 16, 1908. Serial No. 427,345.

*To all whom it may concern:*

Be it known that I, JOSEPH T. HART, a citizen of the United States, residing at No. 14 Monroe street, Brooklyn, in the county of Kings and State of New York, have invented a new and useful Floor-Oiler, of which the following is a specification.

This invention relates to devices for oiling floors, and has for its object to provide an improved apparatus of this character by means of which the oil will be properly and thoroughly distributed, and the device operated in an effective manner.

The invention consists in an apparatus for oiling floors and in details thereof, constructed and arranged, as hereinafter set forth and claimed.

Referring to the accompanying drawings: Figure 1, is a view in elevation and longitudinal section of a floor oiler constructed in accordance with this invention. Fig. 2, is a vertical cross section on the line X—X Fig. 1. Fig. 3 is a plan view of one end of the apparatus broken away.

In the construction of the invention an oblong frame 1 of wood or other suitable material is provided, preferably formed with tapering sides 2, so as to adapt the device to reach angular parts of a wall at the floor. The sides and bottom of the frame 1, are covered with felt 3 or other suitable oil absorbing material secured thereto by tacks 4. Mounted upon and depending in the frame 1, is an oil distributing receptacle 5, which may be of tin and has flanges 6, overlapping the frame 1, and secured thereto. The bottom of the receptacle 5, which is elevated somewhat above the felt 3, forming a space, is provided with longitudinal grooves 7, having a number of perforations or holes 8, for the passage, and distribution of oil to the felt 3, the said grooves and perforated bottom serving as a percolator for the oil. The bottom of the receptacle 5, is formed with elevated portions 9, transverse to its length, and devoid of holes or perforations, and having inclined sides 9, the portions 9, serving to spread the oil to the perforated grooves 7. Mounted on the frame 1 above the receptacle 5, is an oil tank 10, secured to the frame 1, by angular brackets 11, at its ends, overlapping the end flanges 6, and fastened in place by nails or tacks 12, passing through the brackets 11, and flanges 6 into the frame 1. The bottom of the tank 10, is provided with short open ended depending tubes or pipes

13, for the passage of oil from tank 10. In order to control the discharge of oil from tank 10, a vertically movable rod 14 is mounted in and extends through a tube 15, mounted on and extending through the tank 10, said rod having on its lower end a cross bar or rod 16, provided at its ends with short vertical tubes 17, open at their upper end, and extending over the short pipes 13. The tubes 17 are normally held up against the pipes 13 by a coiled spring 18 mounted on the upper end of the rod 14 between the top of the tank 10, and a knob or button 19. The tubes 17 are each provided with a lateral slot or opening 20, by means of which oil is discharged, when the tubes 17 are moved down by pushing down the rod 15, to bring the opening 20, below the lower end of the pipe 13.

In the closed position of the pipes 13, and tubes 17, held by the spring 18, the lower end of each of the pipes 13, rests against a washer 21, of cork or other suitable material located in the bottom of the tubes 17, thereby preventing leakage. The tank 10, is provided with a handle 22, hinged to the brackets 11. As the oiler will be top heavy when filled with oil, a suitable device is employed to detachably lock the handle to the tank 10. As here shown it consists of a spring keeper 23, mounted on the tank 10, and having a central depressed portion 24 into which the handle 22 may be swung and seated. Upon the handle 22 is mounted a long handle 25, shown as broken away, the handle 25 being secured in a socket 26 mounted on the handle 22.

The operation of the device is as follows: The oiler resting on a floor is pushed over the same by the long handle 25, the handle 22 being out of engagement with the keeper 23. The rod 14 is operated by the foot pressing on the button or head 19. When it is desired to discharge oil into the distributing receptacle 5, the rod 14 is held down by the foot, and oil is discharged through the openings 20 in the tubes 17, which are inclosed, into the receptacle 5. It will be noticed that the elevated portions 9, are located beneath the tubes 17, and pipes 13, so that the oil discharged from tank 10 drops onto the elevated portions 9 and runs off the same into the perforated grooves 7. The oil so distributed percolates through the bottom of receptacle 5, and is distributed to and taken up by the felt 3. By means of the device constructed



as hereinbefore set forth, the proper quantity of oil to be delivered to the felt can be regulated and properly distributed to all parts of the felt. While the tank 10, has  
5 been shown to be of triangular shape, it may be of any shape, though the triangular shape is preferable, as it presents a stronger structure to withstand the weight of the foot pressed on the rod 14.

10 What I claim is:

1. A floor oiler, consisting of an open frame with oil absorbing material mounted thereon, an oil distributing receptacle suspended in said frame above the felt and having  
15 an oil distributing bottom an oil supply tank mounted above said oil distributing receptacle, and having oil discharge pipes with valves, a pedal operated mechanism connected with said valve, and a handle for  
20 pushing the oiler over a floor.

2. A floor oiler, consisting of an open frame, with oil absorbing material mounted thereon, an oil distributing receptacle suspended in said frame above the felt, and  
25 having its bottom provided with perforated grooves, an oil supply tank mounted on said

frame above the oil distributing receptacle, and means for discharging oil to said receptacle.

3. A floor oiler, consisting of a frame, with  
30 oil absorbing material mounted thereon, an oil distributing receptacle mounted in said frame above the felt, and having its bottom formed with perforated grooves, and transverse unperforated elevated portions, an oil  
35 supply tank mounted on said frame above the oil distributing receptacle, and having valved discharge pipes located above said unperforated elevated portions of the bottom of the oil distributing receptacle.

4. In a floor-oiler, an oil-distributing reservoir having its bottom formed with perforated grooves and transverse unperforated elevated portions, and an oil-supply  
40 tank discharging on said elevated portions.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature  
45 in the presence of two witnesses.

JOSEPH T. HART.

Witnesses:

HOWARD L. SIMMONS,  
JESSE E. BENNETT.