G. T. LEWIS.

FLOOR WASHING DEVICE.

APPLICATION FILED MAR. 28, 1913.

1,103,786. Patented July 14, 1914.

Fig. 1.

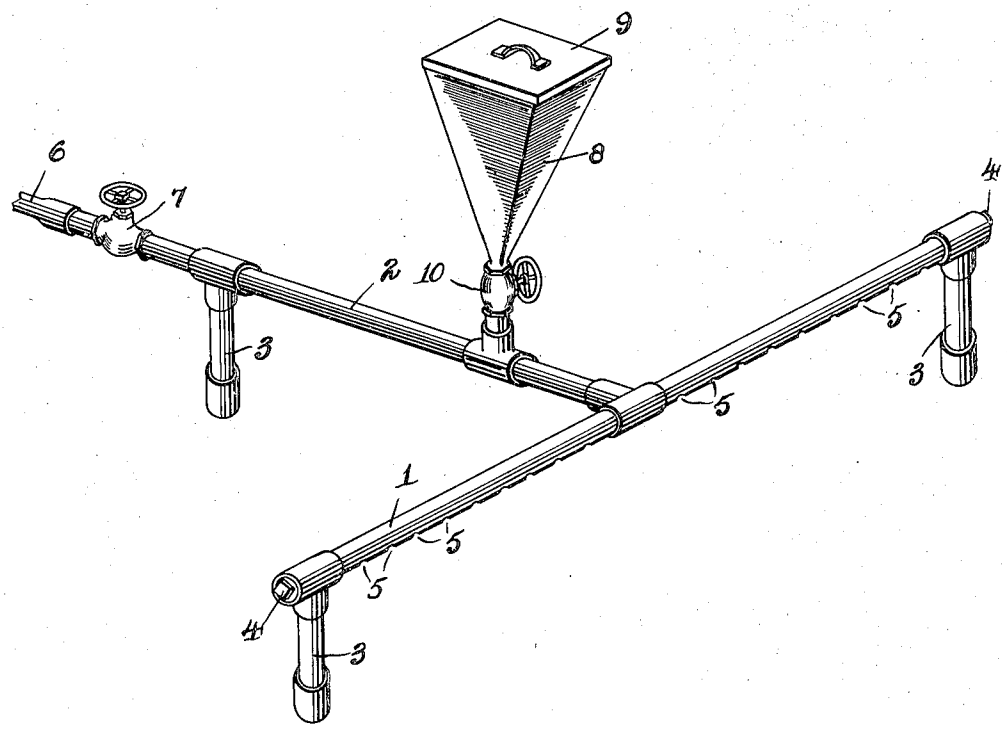
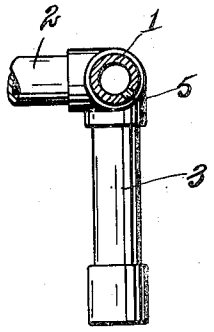


Fig. 2.



Witnesses:
F. Coleson,
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UNITED STATES PATENT OFFICE.

GEORGE T. LEWIS, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO GEORGE C. POUNDSTONE, OF CHICAGO, ILLINOIS.

FLOOR-WASHING DEVICE.

1,103,786. Specification of Letters Patent. Patented July 14, 1914.

Application filed March 28, 1913. Serial No. 757,317.

To all whom it may concern:

Be it known that I, GEORGE T. LEWIS, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Floor-Washing Devices, of which the following is a specification.

My invention relates to improvements in floor washing devices, and has for its object the production of a device of this character through the medium of which a floor may be washed with ease and expedition.

A further object is the production of a floor washing device which will be of simple and economical construction, one which may be readily and easily manipulated and one which will be efficient in use.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification, and in which,

Figure 1 is a perspective view of a floor washing device embodying my invention, and Fig. 2 is an enlarged detail section of the device.

The preferred form of construction as illustrated in the drawing comprises a T-shaped body formed of pipes 1 and 2 which are rigidly connected, as shown. Said body is supported by legs 3 so that when in use the pipe 1 will be positioned about six inches above the floor.

The respective ends of the pipe 1 are closed by screw-plugs 4 and the front side of said pipe is provided with a plurality of spaced perforations or discharge openings 5, said openings being so positioned that the liquid introduced into said body will be discharged from the pipe 1 in forwardly and downwardly directed jets.

Communicating with the rearward end of the pipe 2 is a flexible hose 6 which, in use, extends to any suitable source of water supply. A valve 7 is interposed in the pipe 2 to control the flow of water therethrough. Supported above the pipe 2 adjacent the front end thereof is a hopper 8 provided with a suitable removable cover 9. The lower end of said hopper communicates with the pipe 2, a valve 10 being provided to control the flow from said hopper to said pipe.

In use, a cleansing powder or compound will be introduced into the hopper 8. When it is desired to operate the device the valve 7 will be opened to introduce water thereto and the valve 10 also opened to permit of the discharge from the hopper of the cleansing powder or compound into the water flowing through the pipe 2. The cleansing compound will thus be thoroughly mingled with the water, and will be carried thereby and discharged through the discharge openings 5 in the pipe 1. The pipe 1 being of considerable length, a considerable area will be cleansed by the jets discharged from said pipe. And, by reason the movability of the device, it is obvious that the washing of a floor may be effected with great expedition.

The device is simple and economical in construction and hence may be manufactured at a low cost, the same is not susceptible to readily becoming inoperative, and will be found highly efficient in serving the purpose for which the same is designed.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the exact details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

A floor washing device comprising a T-shaped body formed of pipe and consisting of a transverse head portion closed at the ends and a longitudinal stem portion, legs fixed to the outer ends of the head portion and a third leg adjacent the free end of the stem portion, said legs being adapted to slidably rest upon the floor, said head portion being provided with a plurality of perforations adapted to project jets of water

downwardly and away from the stem portion, means for attaching a flexible hose to said stem portion and means for supplying a cleansing composition in regulable quantities to the water passing through said stem portion, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE T. LEWIS.

Witnesses:
JOSHUA R. H. POTTS,
HELEN F. LILLIS.