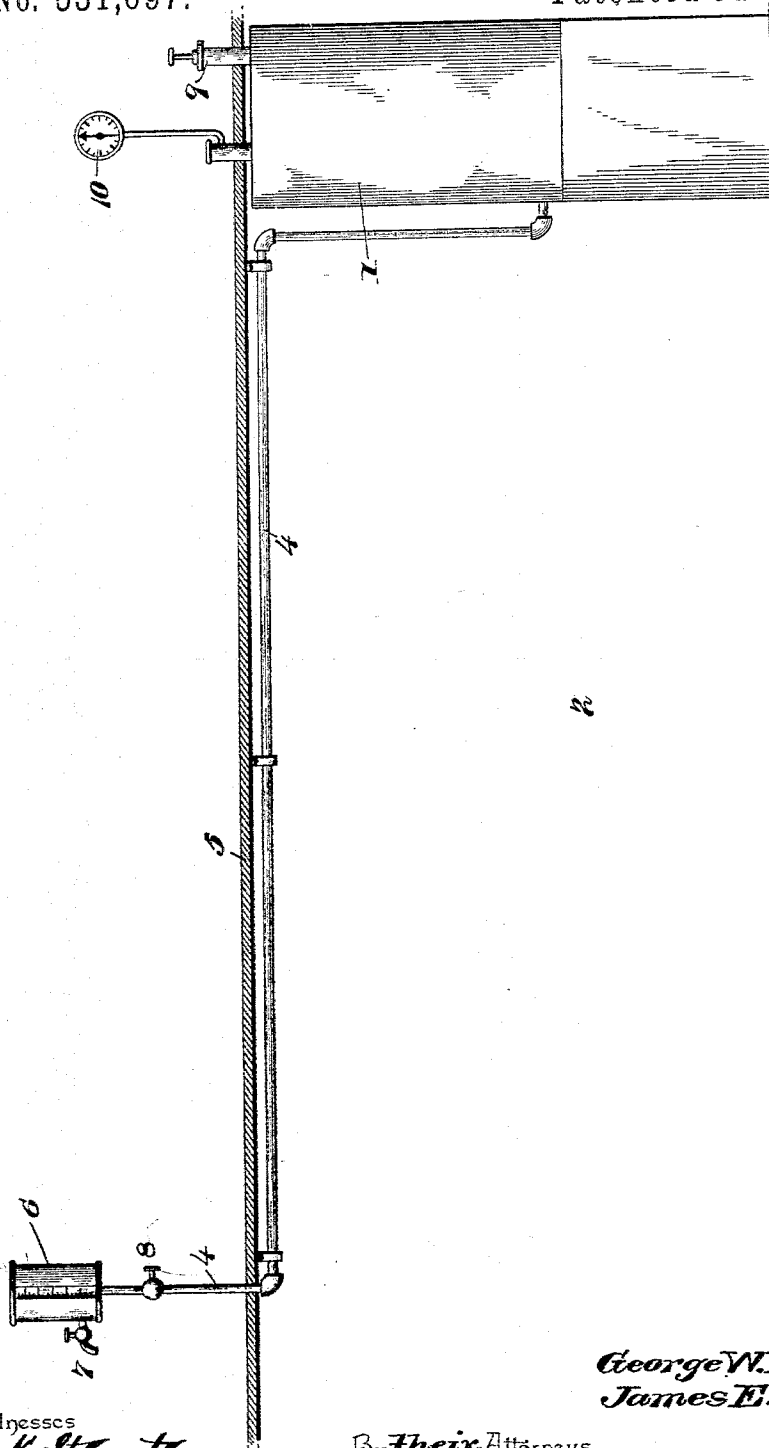


(No Model.)

G. W. PELTON & J. E. McELROY.
APPARATUS FOR HANDLING LIQUIDS.

No. 531,697.

Patented Jan. 1, 1895.



Witnesses
E. H. Stewart
J. P. Riley

By *their* Attorneys.

Inventors
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UNITED STATES PATENT OFFICE.

GEORGE W. PELTON AND JAMES E. McELROY, OF MUSCATINE, IOWA.

APPARATUS FOR HANDLING LIQUIDS.

SPECIFICATION forming part of Letters Patent No. 531,697, dated January 1, 1895.

Application filed May 16, 1894. Serial No. 511,461. (No model.)

To all whom it may concern:

Be it known that we, GEORGE W. PELTON and JAMES E. McELROY, citizens of the United States, residing at Muscatine, in the county of Muscatine and State of Iowa, have invented a new and useful Apparatus for Handling Liquids, of which the following is a specification.

The invention relates to improvements in apparatuses for handling liquids.

The object of the present invention is to provide simple and effective means for handling liquids, particularly oil, and to enable the same to be readily transferred from a supply tank to a measuring vessel and discharged therefrom into an ordinary vessel without the hands of the operator coming in contact with the oil, thereby obviating the inconvenience in retailing hydro-carbon and other oils.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claim hereto appended.

In the drawing the figure is a side elevation of an apparatus for handling oil embodying the invention.

Like numerals of reference indicate corresponding parts in the figure of the drawing.

1 designates an oil tank or receptacle designed to be arranged in a cellar 2, or any other desired portion of a store. Leading from it is a supply tube 4, which may be located beneath or above the floor 5 of a store, and which extends to any desired point and then extends upward through and above the same and communicates with a transparent measuring vessel 6. The measuring vessel 6, which is provided with a scale, and which may be constructed in any desired manner, is provided with a faucet 7 by means of which the contents of the measuring vessel is discharged into an oil can or the like.

The supply of oil to the measuring vessel is controlled by a cock or valve 8 of the supply pipe 4. The cock or valve is located below the measuring vessel and when sufficient

oil is discharged into the same the supply is shut off.

The oil, or other liquid contents of the tank 1 are forced from the tank to any desired height by means of air pressure, which is produced by an air pump 9. The air pump 9 may be of any desired construction; and a gage 10 indicating the degree of pressure is provided.

It will be seen that the apparatus for handling oil is simple, inexpensive and efficient; and that oil or any other liquid may be readily transferred from a tank or reservoir to a can or other receptacle without the hands of the operator coming in contact with the liquid.

Changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What we claim is—

In an apparatus for handling liquids, comprising a tank located beneath the floor and arranged adjacent thereto, a supply pipe communicating with the tank adjacent to the bottom thereof, and extending along the bottom of the floor and upward through it, some distance from the tank, a measuring vessel located above the floor and communicating with the supply pipe and provided with a faucet, a cock arranged in the supply pipe and located above the floor between the same and the measuring vessel, an air pump communicating with the tank at the top thereof and extending through the floor and adapted to be operated from above the same, and a gage arranged adjacent to the air pump and located above the floor and connected with the tank, substantially as described.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures in the presence of two witnesses.

GEORGE W. PELTON.
JAMES E. McELROY.

Witnesses:

STUART KEATING,
THOS. P. GRAY.