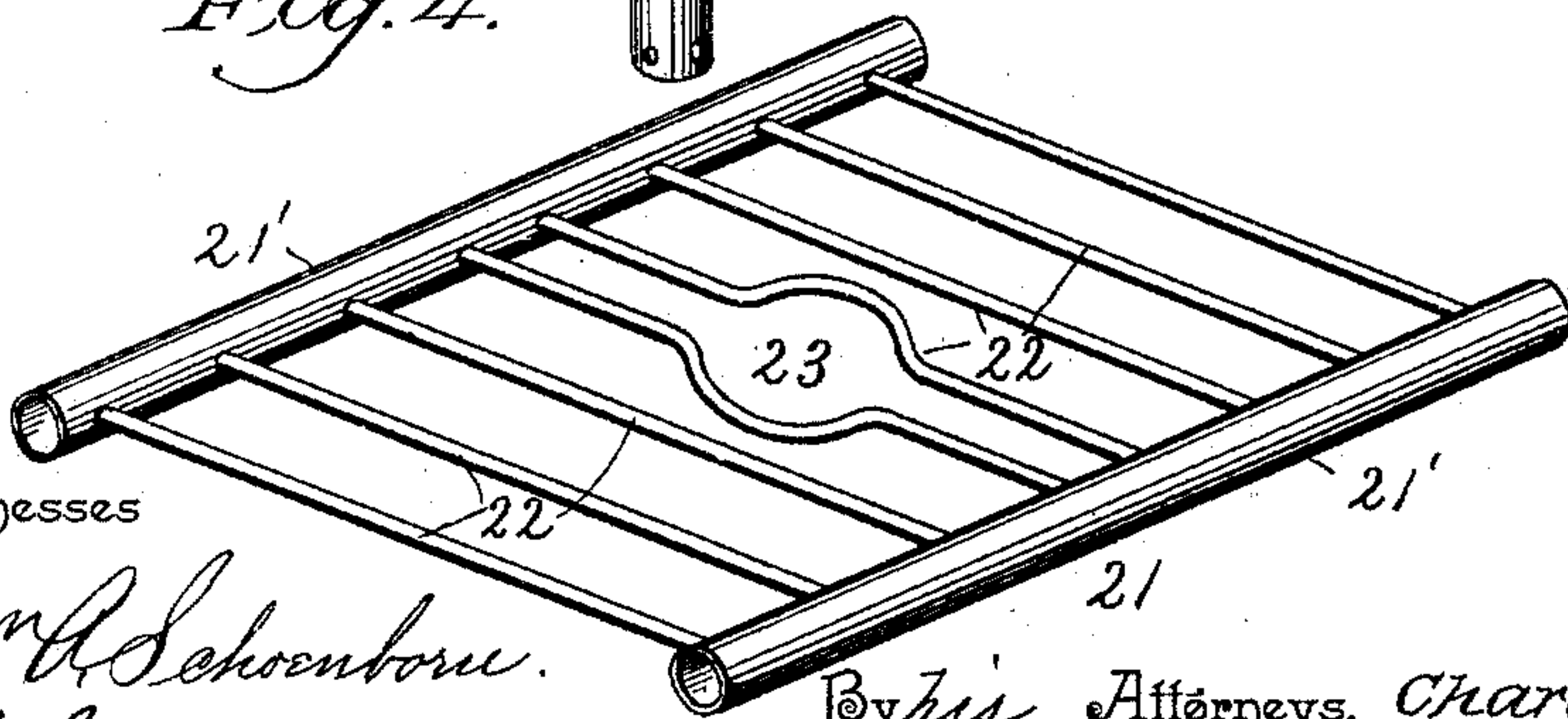
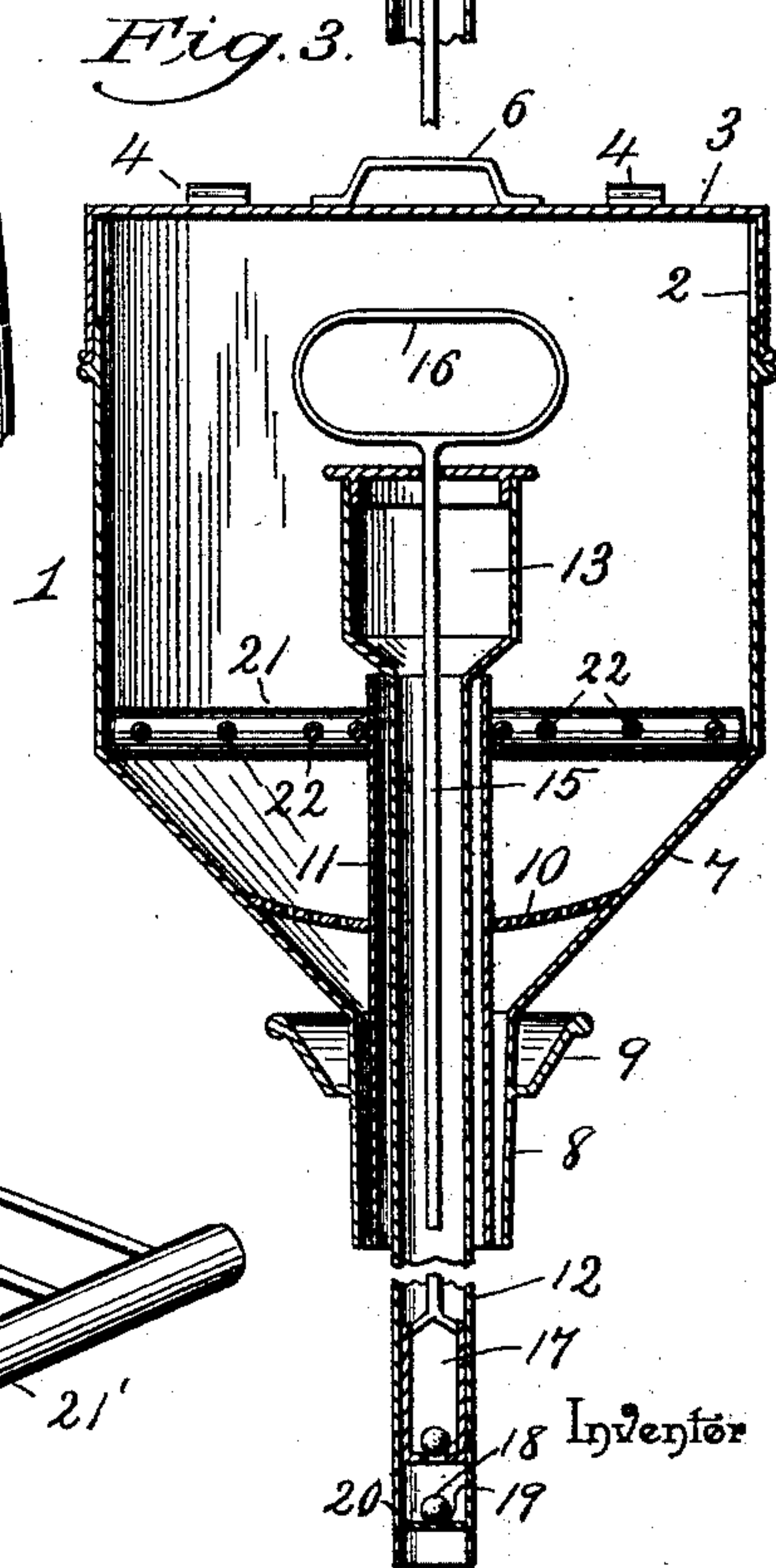
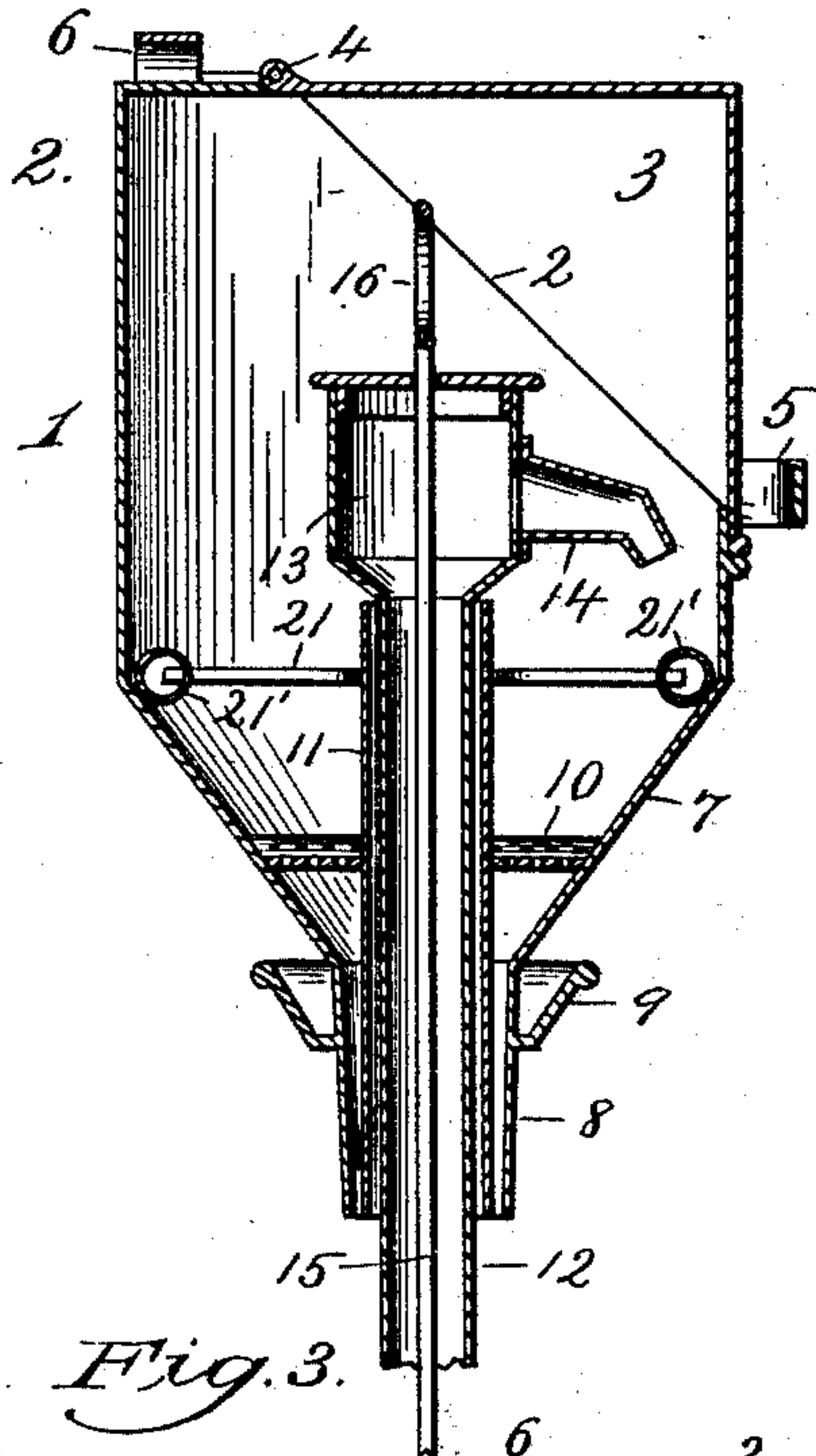
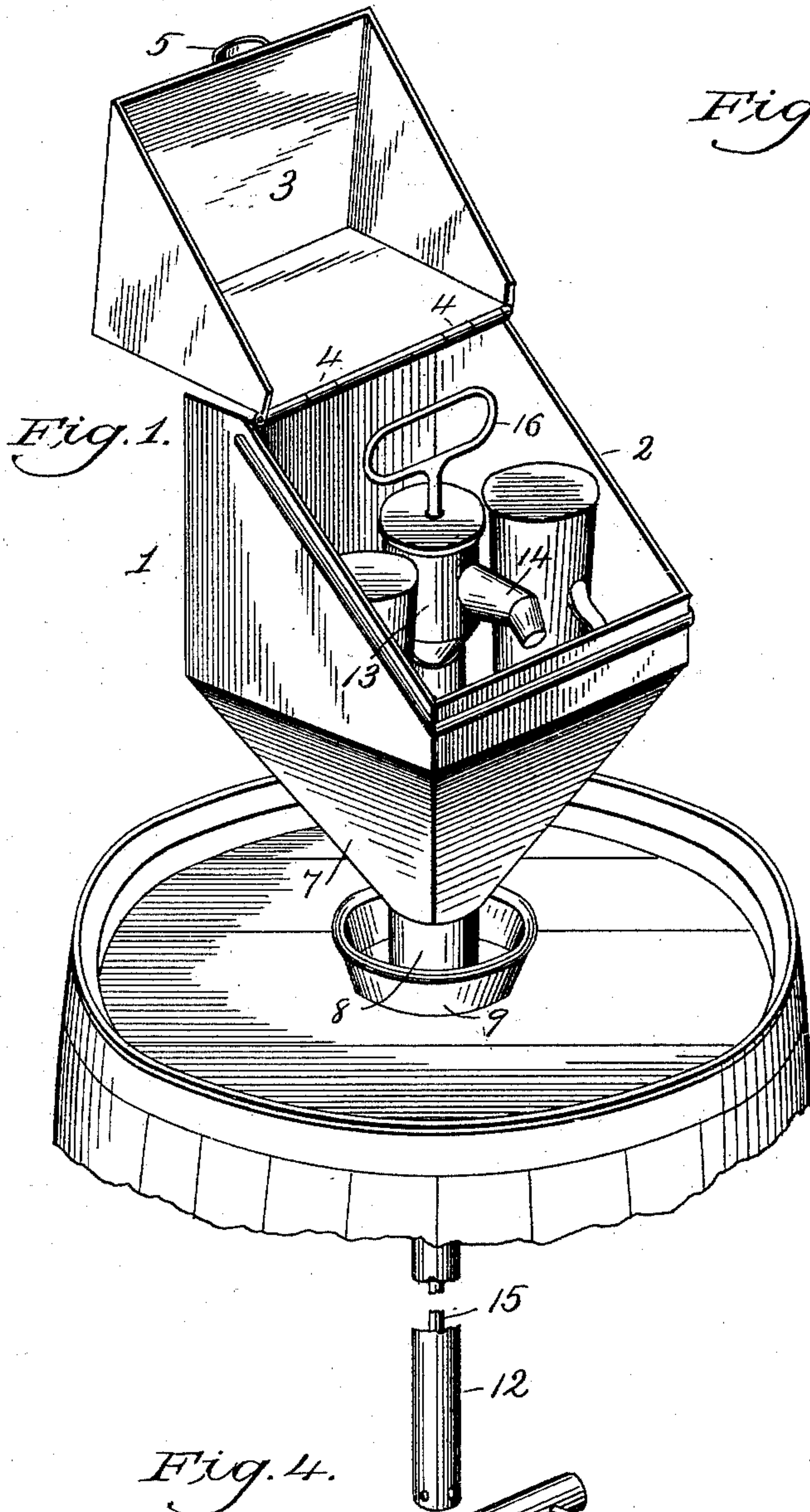


(No Model.)

C. B. ALLGOOD.
COMBINED PUMP AND DRIPPER FOR BARRELS.

No. 483,757.

Patented Oct. 4, 1892.



Witnesses

W. H. Schoenborn.

Chas. E. Hyer.

By his Attorneys, Charles B. Allgood.

C. B. Allgood.

UNITED STATES PATENT OFFICE.

CHARLES B. ALLGOOD, OF PETERSBURG, VIRGINIA.

COMBINED PUMP AND DRIPPER FOR BARRELS.

SPECIFICATION forming part of Letters Patent No. 483,757, dated October 4, 1892.

Application filed June 8, 1892. Serial No. 435,986. (No model.)

To all whom it may concern:

Be it known that I, CHARLES B. ALLGOOD, a citizen of the United States, residing at Petersburg, in the county of Dinwiddie and State of Virginia, have invented a new and useful Combined Pump and Dripper for Barrels, of which the following is a specification.

This invention relates to certain new and useful improvements in a combined pump and dripper for barrels, which is supplied with devices for preventing the entrance of insects into the barrel, and also having means in connection therewith for causing the drippings to flow back into the barrel.

The object of the invention is to provide simple and convenient means of the character set forth adapted to be applied in connection with any barrel containing liquid material for employment in pumping the contents thereof into suitable measuring or other vessels, the parts thereof being strong and durable, easily handled and readily understood, separable from each other, dispensing with the use of faucets or cocks, and comparatively inexpensive.

The invention consists, primarily, of an improvement on my application for drippers for barrels, filed March 24, 1892, Serial No. 426,280.

The invention secondarily consists of the construction and arrangement of the several parts and will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of the improved device shown in connection with a part of a barrel and the top thereof thrown back. Fig. 2 is a longitudinal vertical section of the device disconnected from the barrel and on a larger scale and partially broken away. Fig. 3 is a transverse vertical section of the device on the same scale as Fig. 2, partly broken away. Fig. 4 is a detail perspective view of the rack detached.

Similar numerals of reference are employed to indicate corresponding parts in the several figures.

Referring to the drawings, the numeral 1 designates the body or box, of suitable form and material, but preferably of rectangular shape, as shown, and diagonally cut across, as at 2, to form a corner-section or cover 3, which

is hinged at the upper portion thereof, as at 4, and provided with an eye or loop 5, constituting a handle, and another eye or loop 6 on the upper rear surface thereof to provide a grip adapted to be used in properly positioning the device or removing it from the barrel. From the lower portion of the said body or box 1 depends a hopper-shaped extension 7, to the lower end of which is secured a funnel 8, adapted to be secured or inserted in the bung-hole of a keg or barrel or other receptacle with which the device is adapted to be employed.

Around the upper portion of the funnel 8 and the lower termination of the extension 7 is mounted a basin 9, which may be filled with any suitable material designed to prevent ants, flies, and other insects from passing thereover, to thereby prevent entrance of the same into the body of the drainer. The inclined sides of the hopper-shaped extension 7 provide means whereby the drippings may be deflected or guided to a central point in the bottom of said extension, where a sieve or reticulated partition 10 is located just above the upper end of the funnel 8. A tube or pipe 11 projects centrally through the funnel 8, from the lower termination of the latter, and upward through the sieve or partition 10 and slightly above the upper line of the depending hopper-shaped extension 7. The said tube 11 forms a support for a pump-barrel and its parts and holds the upper discharge end of the same above the supporting-rack of the device entire. A pump-barrel 12 is fitted in the tube 11 in such manner that it may be readily removed when desired, and is provided with an uppermost chamber or head 13, having a spout 14, and centrally extending through said head and barrel is a piston-rod 15, having an upper looped handle 16, to the lower end of which is connected a suitable plunger or piston 17, co-operating with a gravity-valve 18, relatively acting with an opening 19 in the valve-seat 20 at the bottom end of the said barrel, and said plunger or piston of itself is formed with a similar valve. The head 13, with its spout, is normally situated within the body or box 1, so that suitable vessels may be conveniently placed under the spout 14 to receive the contents of the barrel, which are conveyed upward through the

parts of the pump. A rack 21 is located in the box or body 1 and normally rests on the upper terminating portion of the hopper-shaped extension 7 and is adapted to receive 5 and support measuring-vessels, which are placed thereon in inverted position, so that the drippings thereof may pass between the parts of the rack and be conveyed back into the barrel with which the device is connected. 10 The said rack is removable and comprises two tubular side bars 21', which are connected by transverse rods 22, the central ones of which have their middle portions bent into semicircular form to provide an opening 23, 15 adapted to be fitted around the upper portion of the tube or pipe 11, as fully shown.

The pump-barrel 12 may be of any suitable length so that it may be projected into the barrel containing the liquid a suitable and 20 necessary distance.

The device as a whole is exceptionally convenient and compact in form, and when the corner-section or cover 3 is closed down insects will be prevented from entering the 25 body or box 1 or the parts of the pump.

The several parts might be slightly varied

in construction without in the least departing from the nature or spirit of the invention.

Having thus described the invention, what is claimed as new is— 30

In a combined pump and dripper for barrels, the combination of a body having a door and a lower hopper-shaped extension with a funnel connected to the lower end thereof, a sieve or reticulated partition in the lower 35 portion of said extension over the funnel, a tube centrally extending through the funnel and upward through the sieve into the upper portion of the body, a removable rack below the upper end of said tube, and a pump-barrel 40 therein removably mounted in said tube and supported in position by the latter, substantially as described.

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

CHAS. B. ALLGOOD.

Witnesses:

WILLIAM W. WARREN,
W. T. GREEN.