

(No Model.)

2 Sheets—Sheet 1.

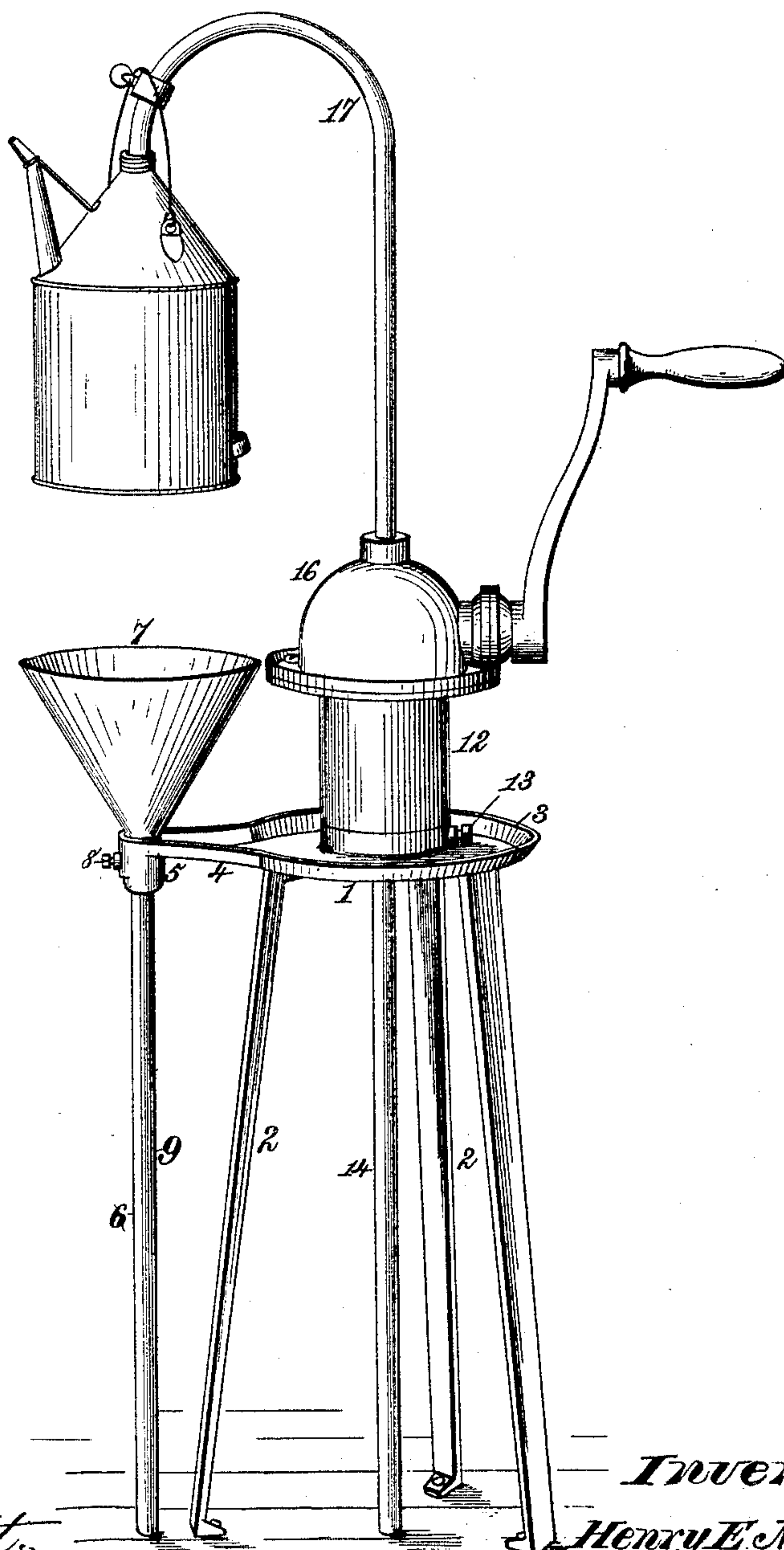
H. E. MARCHAND.

TABLE FOR PUMPS.

No. 327,805.

Patented Oct. 6, 1885.

Fig. 1.



Witnesses.

Robert Everett

J. A. Rutherford

Inventor:

Henry E. Marchand.

By

James L. Norris
Atty.

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(No Model.)

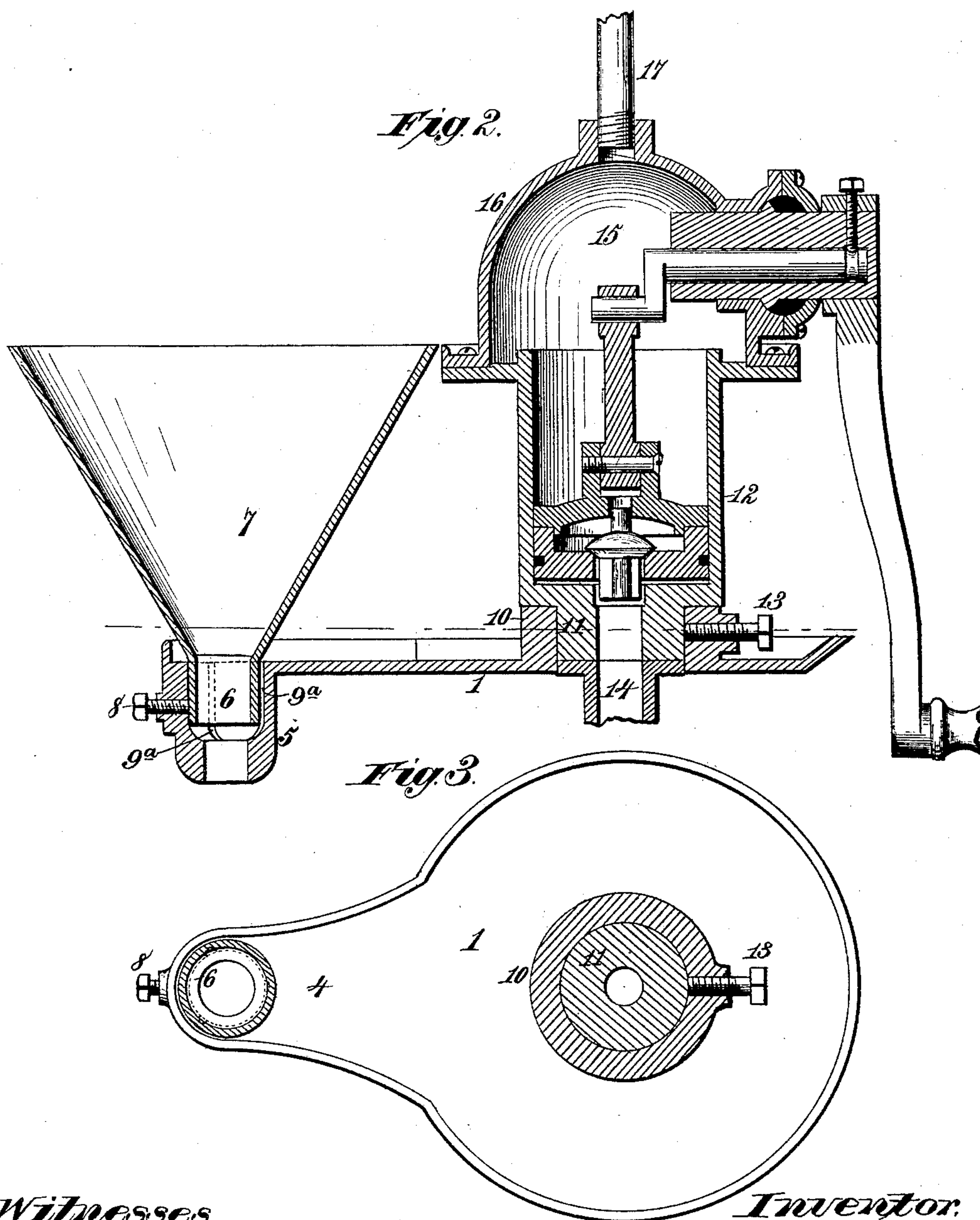
2 Sheets—Sheet 2.

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UNITED STATES PATENT OFFICE.

HENRY E. MARCHAND, OF ALLEGHENY CITY, PENNSYLVANIA.

TABLE FOR PUMPS.

SPECIFICATION forming part of Letters Patent No. 327,805, dated October 6, 1885.

Application filed March 10, 1885. Serial No. 158,380. (No model.)

To all whom it may concern:

Be it known that I, HENRY E. MARCHAND, a citizen of the United States, residing at Allegheny city, Allegheny county, Pennsylvania, have invented new and useful Improvements in Tables for Measuring-Pumps and Liquid-Saving Devices, of which the following is a specification.

This invention has for its object to provide a novel and efficient table or stand for supporting a pump mechanism, and also a drip-catching funnel or cup whereby oil may be drawn from a tank and ejected through the discharge-pipe of the pump into a vessel placed for its reception, and the drippings from the discharge-pipe be received by the funnel or cup and returned therefrom to the oil-tank.

The object of my invention I accomplish in the manner and by the construction and combination of devices hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 represents a perspective view of a table or stand constructed in accordance with my invention; Fig. 2, a vertical central sectional view on a larger scale, the supporting-legs being broken away; and Fig. 3 a transverse sectional view taken on the line *xx* of Fig. 2.

In order to enable those skilled in the art to make and use my invention, I will now proceed to describe the same in detail, referring to the drawings, where—

The number 1 indicates a metallic plate constituting the table proper, which is supported by suitably-attached metallic legs 2, the margin of the plate being formed or otherwise provided with an upward-projecting flange, 3, for retaining any oil or fluid that may leak from the pumping mechanism, hereinafter alluded to. The plate, as here shown, is of circular shape, and extended at one side horizontally to form a narrow neck, 4, in the outer end of which is a socket extending through a pendent nipple, 5, formed on the under side of the neck, and in the said socket is secured the tube 6, formed at the lower end of a funnel or cup, 7, the tube being held in the socket by a set-screw, 8, passing through the nipple 5 to bind against the tube. A pipe,

9, is fitted to the lower end of the nipple, and is designed to lead to a tank containing oil, so that drippings entering the funnel or cup will pass to the tank and thereby be saved. The interior surface of the socket containing the tube of the funnel is provided with grooves 9^a, which are thus arranged about the base of the funnel, and communicate at their lower ends with the return-pipe 9, so that any oil collecting on the table can pass back to the tank. The center of the circular part of the table is provided with a circular opening, around the edge of which is formed an upward-projecting collar, 10, to form a socket for receiving the shank 11 of a pump cylinder or case, 12, which is held therein by a set-screw, 13, passing through the collar and binding against the shank. A pipe, 14, is connected through the said circular opening with the pump cylinder or case, and is designed to connect the pump with the tank from which the oil is to be drawn. The pump cylinder or case is provided at its upper end with chamber 15, formed by a dome-shaped cover, 16, from which extends the goose-neck or other oil-discharge pipe 17, the mouth of the latter being directly above the drip funnel or cup.

The pump mechanism here shown for drawing the oil from the tank is the same as that constituting the subject-matter of my application for Letters Patent filed November 13, 1884, Serial No. 147,918; but I wish it to be understood that I do not confine myself to any special kind of mechanism for drawing the oil from a tank into the pump-case cylinder and causing it to be ejected from the discharge-pipe, inasmuch as any kind of pump may be used, so that the oil may be drawn from a tank through the pipe 14 into the pump case or cylinder, and then caused to be ejected through the discharge-pipe 17 into an oil-can or other vessel suitably placed for its reception. The drippings from the discharge-pipe will drop into the funnel or cup and pass by the pipe 9 back to the oil-tank, thereby saving the drippings and effecting considerable saving.

The plate composing the table proper can be cast, and the sockets for the funnel and the shank of the pump case or cylinder cored out,

thereby economizing in the cost of manufacture. The mouth of the discharge-pipe is arranged at such distance above the funnel or cup that an oil-can or other oil-receiving vessel can be conveniently placed between said mouth and funnel, and preferably the discharge-mouth is furnished with a device whereby the vessel can be suspended therefrom.

I may provide the drip funnel or cup with a screen, as shown, for preventing the passage of foreign substances into the tank; but such is not absolutely essential. The flange around the table serves to retain thereon any oil that may leak from the pump, which oil can flow through the openings about the base of the funnel or cup into the return-pipe to pass back to the tank.

Having thus described my invention, what I claim is—

1. The combination of the flanged table having an orifice surrounded by a collar, 10, and provided with a laterally-projecting neck having a pendent hollow nipple to connect with a pipe leading to the oil-tank, and a socket extending through the nipple, a pump case or cylinder fitting the collar and having a

discharge-pipe, a drip-cup having a tube secured in the socket of the neck.

2. The table composed, essentially, of a metal plate cast with the marginal flange 3, the collar 10, surrounding an orifice through the plate for receiving a pump case or cylinder, a socket for receiving a drip funnel or cup, and a pendent nipple, 5, for connecting with a pipe leading to the oil-tank, substantially as described.

3. The metallic table or plate 1, provided with the marginal flange 3, the collar 10, and the socketed nipple 5, in combination with a pump cylinder or case secured in the collar, a drip funnel or cup secured in the socketed nipple, a discharge-pipe having its mouth arranged over the funnel or cup, and pipes for connecting the pump cylinder or case and the drip funnel or cup with a tank, substantially as described.

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

HENRY E. MARCHAND.

Witnesses:

S. HARVEY THOMPSON,
HARRY DAVIS.