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Patented June 27, 1899.

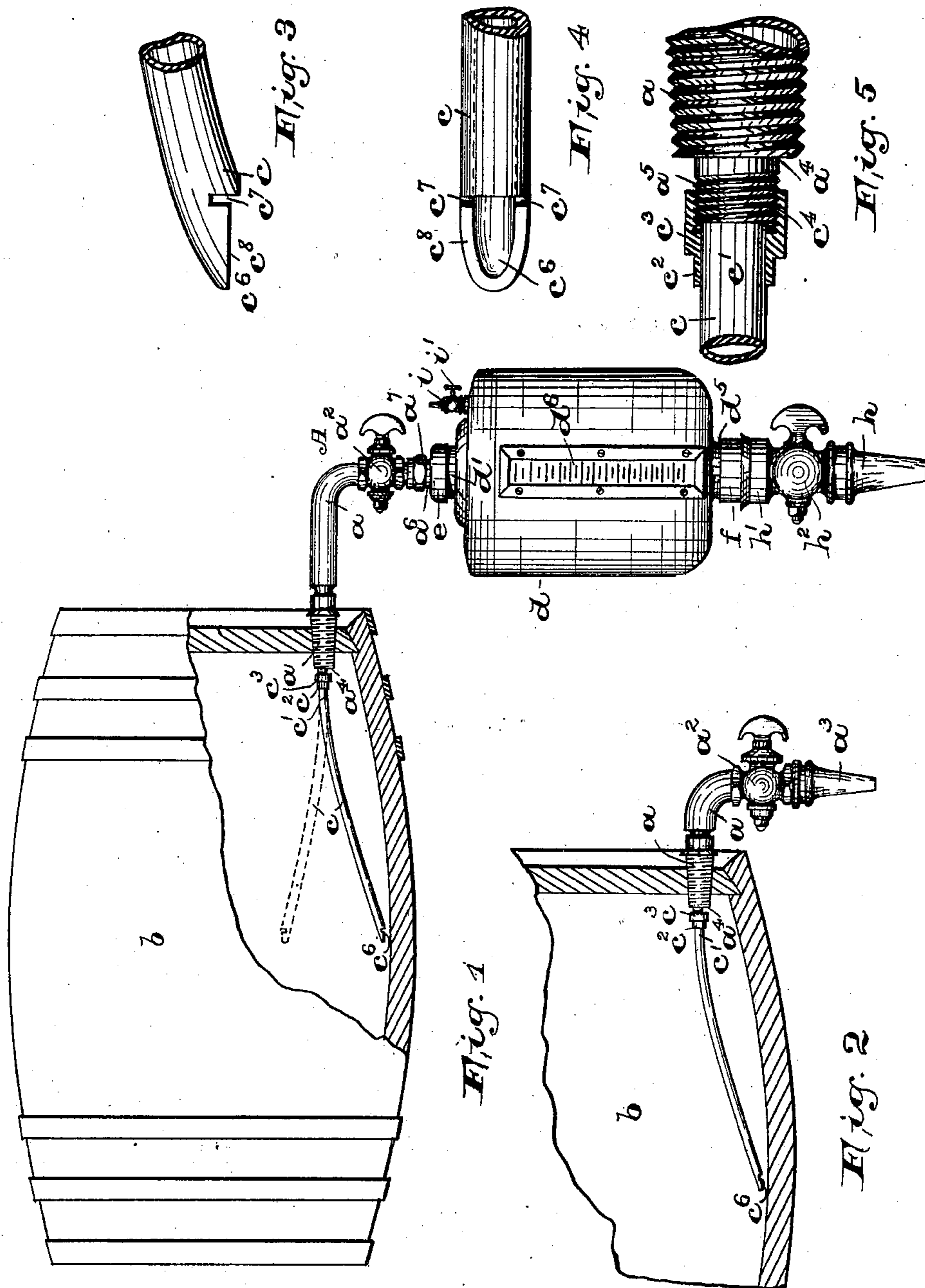
F. C. BURGHOLZ.

FAUCET ATTACHMENT FOR CASKS, BARRELS, &c.

(Application filed Mar. 16, 1899.)

(No Model.)

2 Sheets—Sheet 1.



WITNESSES:

Walter H. Falmage

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INVENTOR:

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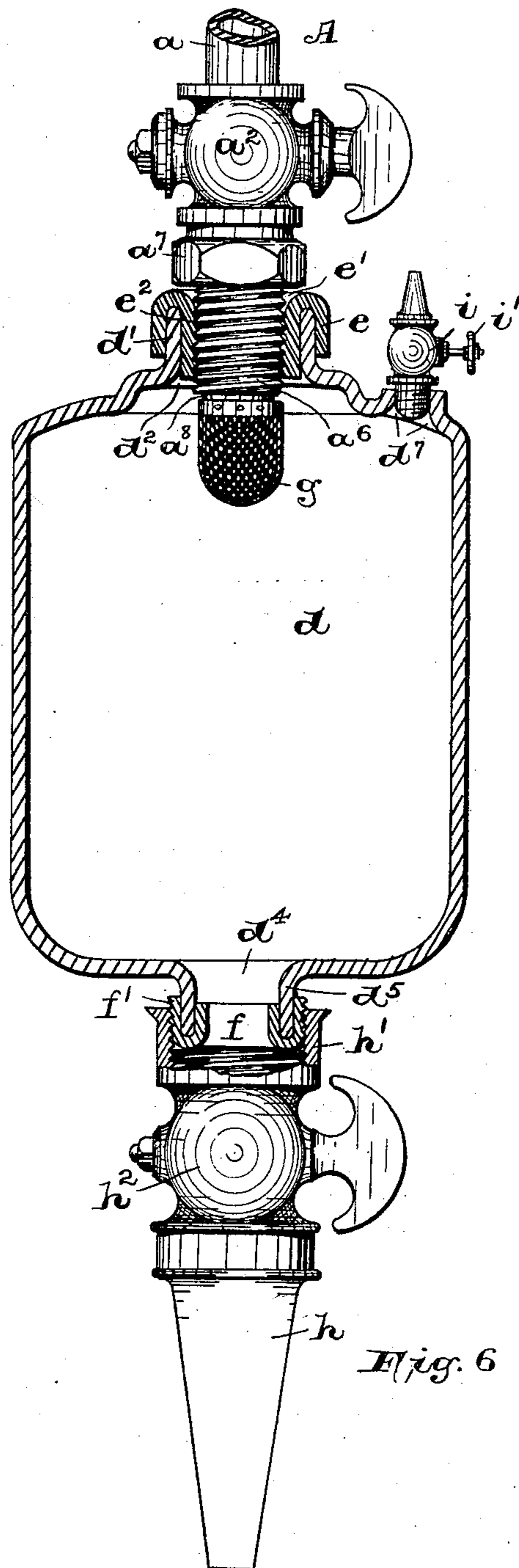
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FRANK C. BURGHOLZ, OF HARRISON, NEW JERSEY.

FAUCET ATTACHMENT FOR CASKS, BARRELS, &c.

SPECIFICATION forming part of Letters Patent No. 627,716, dated June 27, 1899.

Application filed March 16, 1899. Serial No. 709,241. (No model.)

To all whom it may concern:

Be it known that I, FRANK C. BURGHOLZ, a citizen of the United States, residing at Harrison, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Faucet Attachments for Casks, Barrels, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention has reference to improvements in faucets, and is in the nature of an attachment to be used in connection with casks, barrels, and the like by means of which the contents of the barrel, cask, or the like can be entirely drained or removed.

The invention therefore has for its primary object to provide a faucet attachment for barrels, casks, or the like which shall be simple in its construction and shall be operative to drain the barrel or cask of its entire contents when the faucet is turned.

A further object of this invention is to provide in connection with a faucet for casks, barrels, and the like means in the form of a vessel or receptacle which may be made of glass or other suitable material and which can be used as a measure and which will expose to view the liquid to be dispensed, thus at all times showing whether the liquid is clear and free from sediment.

A further object of the invention is to provide a faucet construction having a measuring vessel provided with a spout, which can be used for bottling purposes, thus dispensing with the employment of a funnel or ordinary "sucking-tube," the construction being such that when the valve or valves are turned a continuous flow of liquor from the barrel or cask will be caused at any time without first necessitating the use of the well-known "drawing" or sucking tube now generally employed.

A further object of this invention is to provide, in connection with a faucet construction of the character just set forth, means whereby the liquor is strained; and, finally, the principal object of this invention is to pro-

duce a simple and operative device or attachment the parts of which are easily separable for cleansing purposes and the device being such that it can be quickly attached to a cask, barrel, or the like.

The several objects are attained by the mechanism illustrated in the accompanying drawings; and the invention consists in the novel construction of faucet attachment hereinafter set forth and also in the several novel arrangements and combinations of parts, taken singly or collectively, all of which will be fully described in the accompanying specification and finally embodied in the clauses of the claim.

Similar letters of reference are employed in the accompanying drawings to indicate corresponding parts.

In said drawings, Figure 1 is a side view of my novel construction of faucet attachment, illustrating the same secured in the head of a barrel or cask, the faucet in this construction being provided with a drain-tube and a measuring device, all embodying the principles of my present invention. Fig. 2 is a side view of a faucet provided with a draining-tube, but the measuring device being dispensed with. Figs. 3 and 4 are a side and bottom view, respectively, of the inlet portion of the draining-tube; and Fig. 5 is a detail view of a portion of the screw-threaded body of the faucet which is to be arranged in the hole of a cask or barrel and a portion of the draining-tube attached thereto. Fig. 6 is a sectional view of the measuring device or attachment and strainer employed in connection with the faucet, said view being on an enlarged scale.

In said drawings, A indicates the faucet proper, which consists, essentially, of a screw-threaded and tapered portion *a* to be secured in the head or side of a cask or barrel *b* in the ordinary and well-known manner. Connected with said part *a* is the forwardly and then downwardly extending body portion *a'*, which is provided with a valve *a*², of any usual construction, and an outlet or nozzle *a*³, substantially as illustrated in Fig. 2.

In order that the draining-tube may be properly attached to the inlet end of the part *a*, said part, as will be seen more especially from Fig. 5, is formed with a shoulder or off-

set a^4 and a screw-threaded end a^5 , which is of a smaller diameter than the minimum outside diameter of said tapering portion a . The draining-tube hereinabove mentioned is indicated by the reference-letter c , and it is preferably curved, as illustrated in Figs. 1 and 2. The upper end c' of said tube c has affixed thereto in any desirable manner a collar c^2 , which is provided with a sleeve-like part c^3 , having an internal screw-thread c^4 to permit of its being screwed upon the screw-threaded end a^5 of the part a and whereby the said portion a of the faucet and said draining-tube c are operatively connected, as will be clearly evident. As will be seen from an inspection of said Fig. 5, the outside diameter of the said collar c^2 is smaller than the minimum diameter of the part a , whereby the draining-tube and its parts connecting the same with the portion a are easily inserted into and passed through the hole in the cask or barrel, in which the screw-threaded body a is to be secured in the usual manner. As has been stated, the tube c is preferably curved, as illustrated, so that its open end c^6 extends to near the lowest portion of the inner surface of the cask or barrel, as represented in said Figs. 1 and 2. Said end is preferably provided with a saw-cut c^7 and a straight part c^8 , whereby the inlet receives the shape illustrated more particularly in Figs. 3 and 4 and whereby the inlet end of the tube c lies closer to the inner surface of the cask or barrel, and in consequence there will be less liability of impurities, as sediment or seeds, that may be in the barrel from getting into the tube c . From an inspection of said Fig. 2 it will be seen that the valve portion a^2 is a trifle below the lowest point of the inlet to the pipe c , whereby some of the liquor will at all times remain above the valve when it is closed, and a continuous flow of the liquor will be produced when the valve is opened to permit the draining of the entire contents of the cask or barrel, as will be clearly understood.

When it is intended to employ in connection with the faucet A a measuring device or receptacle, as d , I provide the valve portion a^2 of the faucet with a screw-threaded tube a^6 and a suitable nut a^7 . The said receptacle d may be made of glass or any other suitable material and may be of any desirable shape. Upon the top of said receptacle there is an annular shoulder d' surrounding the opening d^2 , and secured to and surrounding said shoulder d' is a suitably-constructed collar e , which is provided with an opening e' and an internal screw-thread e^2 , by means of which the said receptacle d can be operatively secured upon the said tube a^6 and the nut a^7 closed down to produce a tight joint. In the lower wall d^3 of the receptacle d there is an opening d^4 , and d^5 represents an annular shoulder, upon which I have secured a suitable collar f , which is provided with an external screw-

thread f' . Upon this screw-threaded collar f is screwed the receiving end h' of a nozzle h , which is provided with a suitably-constructed valve h^2 , substantially as illustrated. The said receptacle d may be entirely of glass, as indicated in Fig. 6, or it may be of metal and provided with an opening, in which there is a glass panel d^6 , as indicated in Fig. 1, which may be provided with suitably-disposed graduations to indicate liquid measure. From an inspection of said Fig. 6 it will be seen that the screw-threaded tube a^6 may be provided with a reduced end a^8 , to which may be secured in any well-known manner a suitably-constructed strainer g . In order that the air within said receptacle d may be permitted to escape and not obstruct the flow of the liquid into the same when the valve a^2 is opened and the valve h^2 is closed, the said receptacle may be provided with a screw-threaded opening d^7 , in which I have secured a suitable blow-off cock i , which has a handpiece, as i' , for opening and closing the valve. Said cock may also be used for the attachment of a pump thereto for the blowing out of any obstructions that may have become lodged in the receptacle or in any of the pipe connections and also for the attachment of a pump which is to be employed for drawing the liquor into the receptacle d when the latter is connected with a pipe and faucet attached to a barrel or cask placed below said receptacle.

From the above description it will be seen that I have devised a simple and operative attachment for faucets the parts of which are readily assembled and can be easily separated for cleaning purposes.

I am fully aware that many changes may be made in the several arrangements and combinations of the parts, as well as in the details of the construction thereof, without departing from the scope of my present invention. Hence I do not limit my invention to the exact arrangements and combinations of the parts as herein described, and illustrated in the accompanying drawings, nor do I limit myself to the precise details of the constructions of the several parts.

Having thus described my invention, what I claim is—

1. A faucet attachment for casks, barrels, or the like, comprising, a body portion, a screw-threaded part a thereon, and a valve, and a curved draining-tube c connected with the free end of said screw portion, said tube c having a saw-cut c^7 and a cut-away part c^8 at its free end to form an inlet, substantially as and for the purposes set forth.

2. A faucet attachment for casks, barrels, or the like, comprising, a body portion, a screw-threaded part a thereon, forming an inlet, and a valve, a receptacle connected with the outlet of said body portion, a nozzle connected with the lower part of said receptacle, a valve in said nozzle, and a draining-tube connected with the free end of said screw por-

tion a , substantially as and for the purposes set forth.

3. A faucet attachment for casks, barrels, or the like, comprising, a body portion, a screw-threaded part a thereon, forming an inlet, and a valve, a receptacle connected with the outlet of said body portion, a nozzle connected with the lower part of said receptacle, a valve in said nozzle, and a curved draining-tube c connected with the free end of said screw portion a , said tube c having a saw-cut c^7 and a cut-away part c^8 at its free end to form an inlet, substantially as and for the purposes set forth:

4. A faucet attachment for casks, barrels, or the like, comprising, a body portion, a screw-threaded part a thereon, forming an inlet, a valve a^2 , and a screw-threaded tube a^6 , a receptacle d , having an annular shoulder d^7 and a screw-threaded collar e for attaching said receptacle to said tube a^6 , an annular shoulder d^5 at the lower portion of said receptacle, a screw-threaded collar f on said shoulder, a nozzle secured thereto, and a valve in said nozzle, substantially as and for the purposes set forth.

5. A faucet attachment for casks, barrels, or the like, comprising, a body portion, a screw-threaded part a thereon, forming an inlet, a valve a^2 , and a screw-threaded tube a^6 , a receptacle d , having an annular shoulder d^7 and a screw-threaded collar e for attaching said receptacle to said tube a^6 , an annular shoulder d^5 at the lower portion of said receptacle, a screw-threaded collar f on said shoulder, a nozzle secured thereto, a valve in said nozzle, and a draining-tube connected with

the free end of said screw portion a , substantially as and for the purposes set forth.

6. A faucet attachment for casks, barrels, or the like, comprising, a body portion, a screw-threaded part a thereon, forming an inlet, a valve a^2 , and a screw-threaded tube a^6 , a receptacle d , having an annular shoulder d^7 and a screw-threaded collar e for attaching said receptacle to said tube a^6 , an annular shoulder d^5 at the lower portion of said receptacle, a screw-threaded collar f on said shoulder, a nozzle secured thereto, a valve in said nozzle, and a curved draining-tube c connected with the free end of said screw portion a , said tube c having a saw-cut c^7 and a cut-away part c^8 at its free end to form an inlet, substantially as and for the purposes set forth.

7. A faucet attachment for casks, barrels, or the like, comprising, a body portion, a screw-threaded part a thereon, forming an inlet, a valve a^2 , and a screw-threaded tube a^6 , a receptacle d , having an annular shoulder d^7 and a screw-threaded collar e for attaching said receptacle to said tube a^6 , an annular shoulder d^6 at the lower portion of said receptacle, a screw-threaded collar f on said shoulder, a nozzle secured thereto, a valve in said nozzle, and a strainer in said receptacle d , secured to the end of said tube a^6 , substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 11th day of March, 1899.

FRANK C. BURGHOLZ.

Witnesses:

FREDK. C. FRAENTZEL,
WALTER H. TALMAGE.