

(No Model.)

I. D. PEARSON.
SIRUP CAN FOR DISPENSING FOUNTAINS.

No. 541,569.

Patented June 25, 1895.

Fig. 1

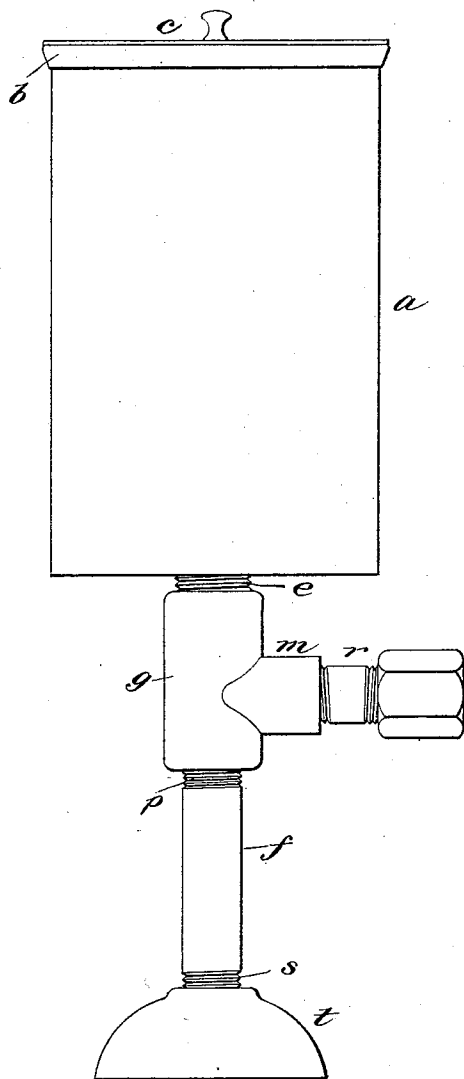
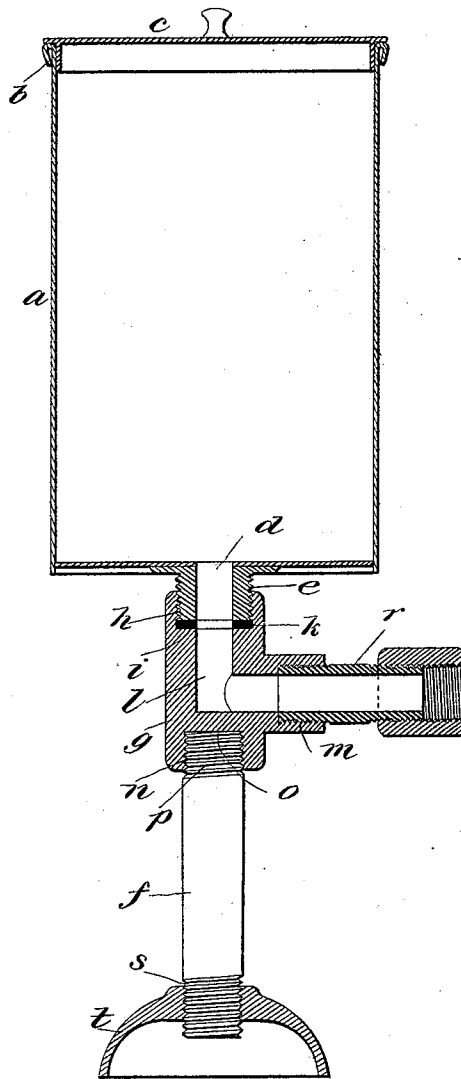


Fig. 2



Witnesses

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UNITED STATES PATENT OFFICE.

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SIRUP-CAN FOR DISPENSING-FOUNTAINS.

SPECIFICATION forming part of Letters Patent No. 541,569, dated June 25, 1895.

Application filed April 8, 1895. Serial No. 544,926. (No model.)

To all whom it may concern:

Be it known that I, ISAAC D. PEARSON, a citizen of the United States, residing at Revere, in the county of Suffolk and State of Massachusetts, have invented a certain new and useful Improvement in Sirup-Cans for Soda-Water-Dispensing Apparatus, of which the following is a full, clear, and exact description.

10 Sirup-cans or vessels for use in what are popularly termed "soda-fountains," but which are technically known as the dispensing apparatus of soda water apparatus, have been removably arranged in such apparatus, but in so unsteady and loose a way as to topple
15 over, and spill their contents, thus not only wasting sirup but fouling the apparatus. Moreover, such cans or vessels have been of inconvenient shape or arrangement for cleansing.
20 Where fixed socket-stands for such cans or vessels have been provided and connected with permanent sirup-cocks, the stands do not always level up with the sirup-cocks, and these sirup-cocks do not align with one another
25 readily.

This invention has for its object to provide a removable cylindrical sirup-can or vessel with a stable and fluid-tight connection with its support; and also to provide the support
30 or stand with a leveling device or adjustable foot whereby the alignment of the connected parts of the cans and sirup-cocks may be accurately effected. In attaining these objects, the can or vessel is provided with a screw-threaded nipple for connection with its socket,
35 support or stand, and the socket, support or stand is made with a foot which is adjustable on the stem.

In the accompanying drawings, illustrating
40 my invention, in both figures of which like parts are similarly designated, Figure 1 is a side elevation, and Fig. 2 is a longitudinal section.

Without thereby limiting the invention to
45 the details of shape, construction and arrangement, the illustration of the invention will be described now.

The can or vessel *a* for the sirup is of cylindrical shape and provided with an open
50 end *b* of the full diameter of the cylinder, and this open end is provided with a remov-

able cover *c*. The other end is provided with an outlet *d* having an externally screw-threaded nipple *e*, fixed thereto.

The socket, support or stand is composed of
55 a stem *f*, which may be conveniently made of ordinary metal pipe or tubing and screw-threaded at its ends, the upper end being provided with a T-coupling *g*, the upper end of which is provided with an internally screw-
60 threaded socket *h* having the base or shoulder *i* to receive the nipple *e* of the can, a packing ring *k* being laid upon the shoulder *i*, beneath the nipple *e*, in order to insure a fluid-tight joint. The can being round, that is to
65 say, cylindrical, or circular in cross-section, and being fitted to its socket by a screw-threaded joint, it is obvious that it may be applied to and removed from its support very
70 readily, at all times, by simple rotation of itself upon a vertical axis. By making the can round, it is possible, also, to handle the can independently of and without interference with its neighbors. The passage-way
75 *l* of this coupling leads from its socketed end through the lateral nipple *m*, while the lower screwthreaded end *n* is separated and closed from such passage-way by means of the partition *o*. The lower end *n* is also screw-
80 threaded to engage the screwthread *p* of the stem *f*. The lateral nipple *m* is adapted to receive any suitable connection *r*, with which the draft apparatus (not shown) is connected permanently. The lower screwthread *s* of
85 the stem receives a foot *t*, which is herein shown as an inverted cup-shaped casting provided with a screwthreaded opening to engage the screwthread *s* of the stem, although this foot may be of other shape and material. The foot *t* is adjustable longitudinally of the
90 stem *f* in order to raise or lower the socket, support or stand and thereby accommodate it to and effect the alignment of the sirup-cocks which are permanently applied to the
95 soda-water fountain or dispensing apparatus. The foot *t* rests upon any suitable platform within the soda-water apparatus and it and the stem *f* are permanent parts of the apparatus, but having a capacity of adjustment, at all times, both in assembling the fountain
100 and afterward.

By means of the screwthreaded nipple *e* fit-

ting into the screwthreaded socket, stand or support, a sirup can or vessel may be readily applied to and removed from such stand, and a fluid-tight joint is effected thereby and, additionally, by the packing *k*. Such means for connecting the sirup can or vessel with its socket, support or stand insures the stability of the sirup can or vessel, and also insures a fluid-tight joint, so that the apparatus may be free from fouling by the spilling or leaking of the contents of the sirup can or vessel.

As already indicated, the adjustable foot provides for the accurate setting and alignment of the stand with relation to the draft apparatus, without the necessity of blocking or otherwise leveling up the stand by means of extraneous pieces.

Obviously, the adjustment of the foot upon the screwthread *s* is effected by rotation of the foot thereupon, after the manner of running any ordinary nut on and off the screwthread, and it is equally obvious that by this means the socket support or stand may be adjusted with the greatest nicety.

Another and important advantage of the construction herein described is that the cans may be readily filled without removing them from their supports, and may, also, in like manner be readily cleansed, the cleansing fluid being poured into the can and allowed to run out of the draft apparatus. The can being open at one end its full diameter, admits of the insertion of a mop or other cleansing device to reach the whole interior surface of the can and thus insure its perfect renovation.

What I claim is—

1. A cylindrical sirup can or vessel for soda-water apparatus having one end open its full diameter and provided with a removable cover, and having a central screwthreaded nipple forming an outlet at its other end, and a support or stand having a screwthreaded socket into which the screwthreaded nipple is inserted and secured by axial rotation of the can, substantially as described.

2. A cylindrical sirup can or vessel for soda-water apparatus having an outlet provided with a central fixed screwthreaded nipple, combined with a socket, support or stand having a screwthreaded socket to receive such screwthreaded nipple and into which socket the nipple is inserted and secured by axial rotation of the can, and a washer in the bottom of the socket, substantially as described.

3. A stand for the sirup cans or vessels of soda-water apparatus provided with an adjustable foot, whereby the said stand may be raised or lowered to effect alignment of and with a fixed sirup-cock, substantially as described.

4. A stand for a sirup can or vessel of a soda-water apparatus, composed of a socket piece for the reception of the can, a stem having its lower end screwthreaded, and a foot, also provided with a screwthread and adjustably fitted to the screwthreaded end of the stem, substantially as described.

In testimony whereof I have hereunto set my hand this 1st day of April, A. D. 1895.

ISAAC D. PEARSON.

Witnesses:

DANIEL H. SULLIVAN,
JOHN G. LOW.