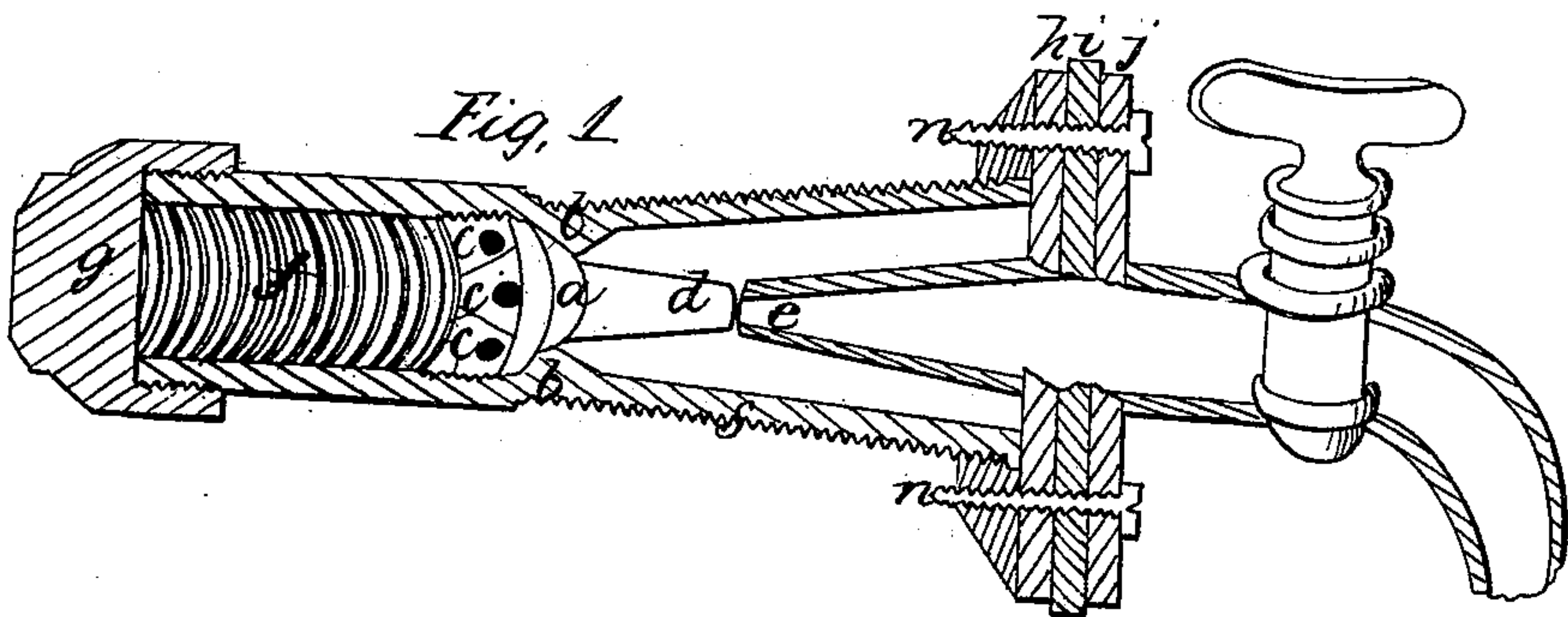


C. Raggio.

Faucet Attachment.

N^o 96,726.

Patented Nov. 9, 1869.



Witnesses,

Wm. R. Wood

R. D. Mearns

Inventor,
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CHARLES RAGGIO, OF MEMPHIS, TENNESSEE.

Letters Patent No. 96,726, dated November 9, 1869.

IMPROVEMENT IN FAUCET-ATTACHMENTS OR CASK-STOPPERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CHARLES RAGGIO, of Memphis, in the county of Shelby, in the State of Tennessee, have invented a new and useful Improvement in Faucet-Attachments, or Cask-Stoppers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a vertical section of my device.

In all barrel-attachments hitherto constructed, with valves to be opened by the faucet, when it is inserted, the faucet is constructed to screw into the attachment, and is intended to remain in that position so long as there is any liquid to be drawn from the barrel. This involves the necessity that a large number of attachments and faucets shall be made, with exactly corresponding threads, so that any faucet may be inserted into any attachment. This, of itself, is a matter involving great practical difficulty, and it will defeat almost altogether the object of the invention, when faucets and attachments of different makes are in use among the public.

By my invention, all of these practical difficulties are obviated. It is constructed so that any ordinary smooth-stem faucet may be employed, the faucet not being inserted with a screw, but simply pushed in through an orifice, provided with suitable packing, until the stem of the faucet engages with the stem of the valve, which is thereby opened, and the liquid permitted to flow. The faucet thereby becomes a lock stop-cock, for it may be removed when the required quantity of fluid has been permitted to flow.

The nature of my invention therefore consists in a barrel-attachment, provided with a valve, to be opened by the faucet, as it is inserted, and a suitable elastic packing-ring, to prevent leakage around the stem of the faucet, when in operation.

To enable others skilled in the art to construct and use my invention, I will particularly describe it.

The tube S has a screw-thread cut on its outer surface, and it is preferably made conical, so as to insure a close fit in the hole which will be made to receive it.

At the front end of the tube S is the head h, which is made with an angular face, so as to receive a wrench

when the tube is inserted or removed from a barrel-head.

The inner portion of the tube S, about midway of its length, is provided with a conical seat, b, to receive the corresponding valve d, said valve being retained in place by the spiral spring f and cap g, which is screwed upon the inner end of the tube S.

The strainer-holes c c permit liquid to flow from the barrel into the exterior chamber of the tube S, when the valve is pressed away from its seat.

At the front end of the tube S is applied a thick elastic washer or packing-ring, i, the central orifice of which is sufficiently small to fit tightly to the surface of any ordinary smooth-stem faucet, of suitable size to be used with the attachment in question.

The packing i is retained in place by an outer metallic washer or plate, j, secured to the head h by screws n.

The above-described device is intended to be a fixture with the barrel, and to permit the contained liquid to be drawn without trouble or loss, by inserting the faucet e through the packing-ring i, until it engages with the stem of the valve, and raises it from its seat.

When the necessary quantity of liquid has been withdrawn, the faucet may be removed; or it may be suffered to remain until the contents of the barrel have been exhausted.

From the above description, it will be perceived, that in providing for the market, it will not be necessary for me to provide faucets with the tubes S, as any person requiring these tubes, or purchasing barrels with them attached, will be enabled to employ any ordinary faucet in connection therewith.

Having described my invention,

What I claim as new, is—

The screw-plug S, provided at its inner end with a valve, d, and at its outer end with an elastic packing-ring, i, so that the same may be used in connection with an ordinary smooth faucet, e, as set forth.

CHAS. RAGGIO.

Witnesses:

WM. H. HAMMOND,

R. D. MIDGETT.