

(No Model.)

C A. RAGGIO.
Faucet Attachment.

No. 234,429.

Patented Nov. 16, 1880.

Fig 1.

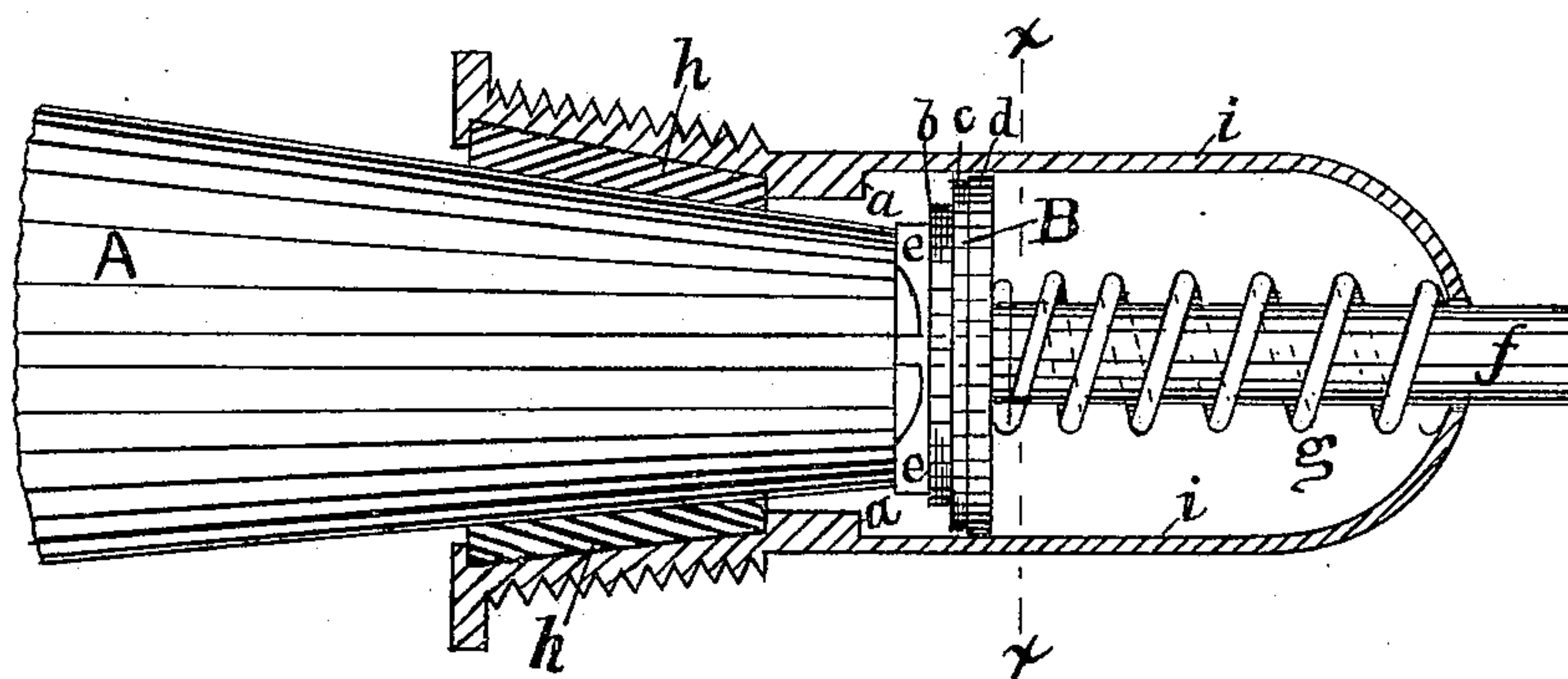
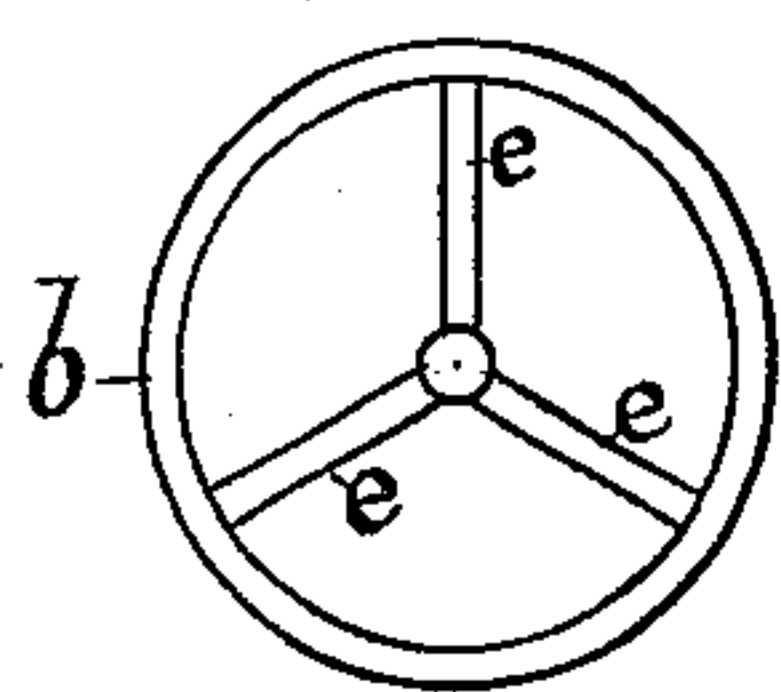
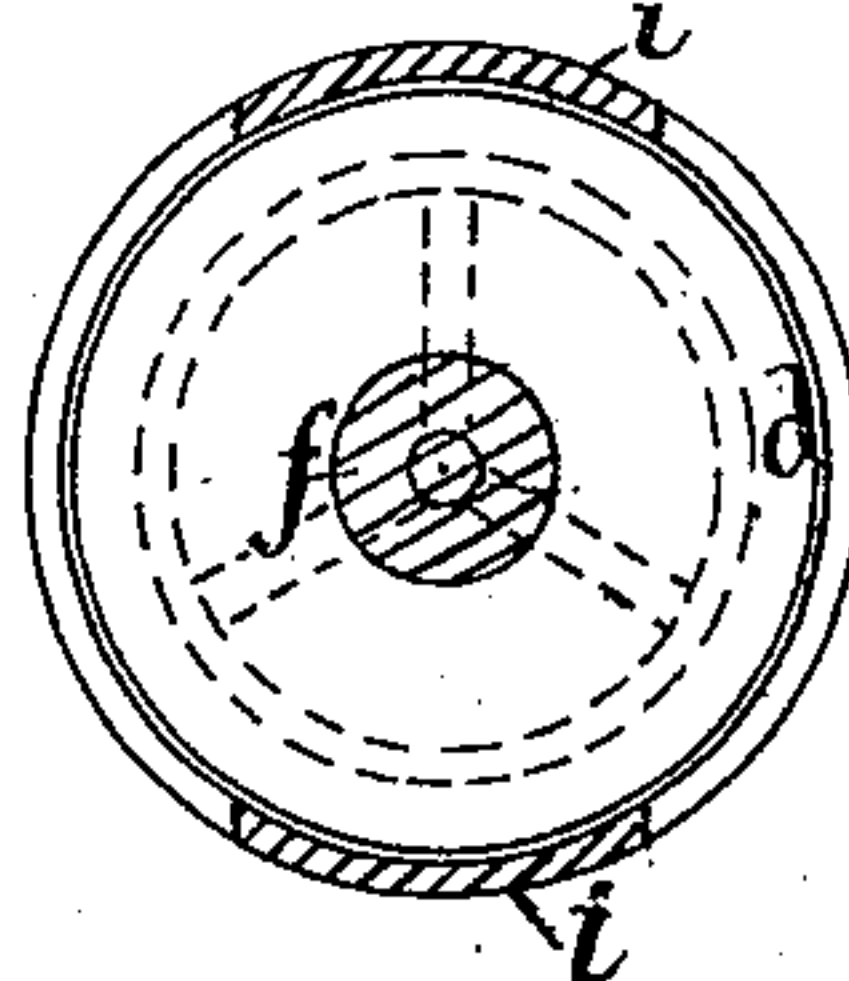


Fig 2.



Fig³.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES A. RAGGIO, OF CHICAGO, ILLINOIS.

FAUCET ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 234,429, dated November 16, 1880.

Application filed July 27, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. RAGGIO, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Faucet Attachments or Cask-Stoppers; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part hereof, and in which—

Figure 1 represents a longitudinal central section of a faucet attachment embodying my invention, excepting the valve, with its stem and spring, and the faucet-stem, which are shown in full. Fig. 2 represents the lower or exterior view of the valve, and Fig. 3 a top view of the same with the stem and valve-guides cut across at the line *x x*.

My invention relates to that class of tubular and screw-threaded cask-stoppers which are removably attached within the spigot-holes of casks, barrels, or kegs, and which are closed by means of a valve actuated by a spring, and which are opened by inserting the stem of a faucet therein; and my invention consists of the construction and combination of the several parts, as hereinafter described and claimed.

In the drawings, A represents the stem of a smooth-stem faucet inserted into my improved faucet attachment and held in its place by the frictional contact of the elastic packing *h*, and the end thereof bearing against the ribs *e* of the valve B. The ribs or projections *e* are attached to a disk, *b*, which also acts as a support to the elastic packing *c*, and the elastic packing *c* rests against the valve *d*. An annular ring, with its edge resting against the end of the faucet-stem and forming a part of the disk *b*, and provided with holes for the passage of liquids, may be used in place of the ribs *e* on the disk *b*.

All the parts *e b c d* together form the valve B, which is attached to the stem *f*, around which is coiled the spring *g*, resting against

the valve with one end, and the other against the top of the guides or housing *i*, and between the two parallel sides *i i* of the housing the valve with its stem reciprocates as it is acted upon by the spring *g* and faucet-stem A.

As shown in the drawings, the valve B is raised from its seat *a* by means of the faucet-stem A, which bears against the ribs *e e* of the valve B as the faucet-stem is driven into the packing *h*, and the passage through the faucet is thereby opened.

The sides of the housing *i* are made wide enough so that the segment of the circle which they will inclose will form a guide to the valve B as it reciprocates to and from its seat when in use.

The elastic packing *h*, with its surrounding screw-thread and all the other immediately surrounding parts up to the valve-seat *a*, is the same as shown and described in Letters Patent No. 228,219, granted to me June 1, 1880, and to the interior end of which I attach the housing *i i* and the operating parts, as hereinbefore described.

It will be observed that through the center of the arched part of the housing *i* the valve-stem *f* is passed through a hole bored therein, which forms a guide for it.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A faucet attachment or cask-stopper consisting of a shell having a recess in its interior and outer end and provided with an elastic packing, *h*, valve-seat *a*, parallel concaved and arched guides *i i* on its inner end, for the purpose of guiding and operating the valve B, valve B, provided with the wings *e*, stem *f*, and spring *g*, in combination with a smooth-stem faucet, all constructed and arranged substantially as shown and described.

CHARLES A. RAGGIO.

Witnesses:

WM. ZIMMERMAN,
N. COWLES.