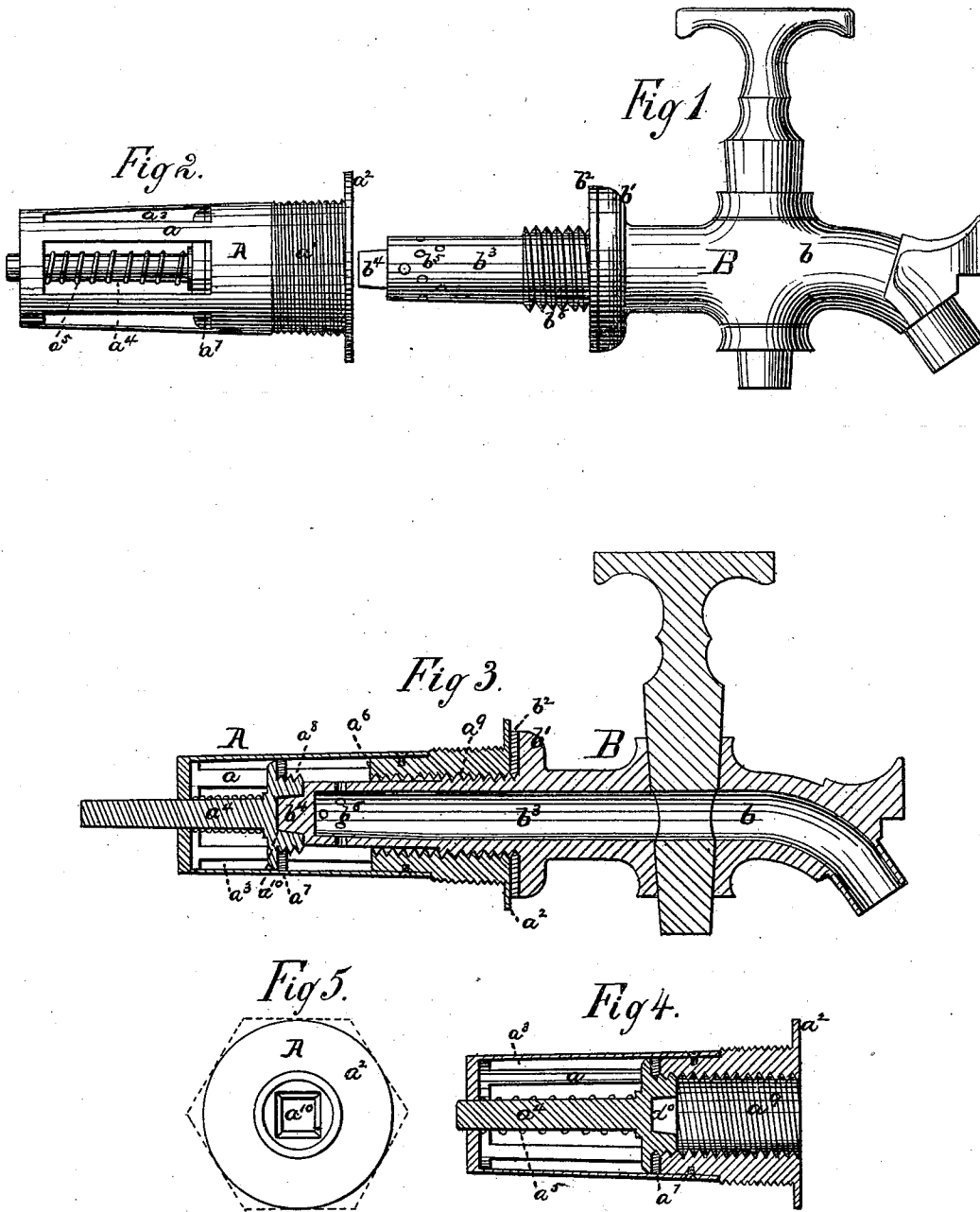


W. S. BOOTH & T. H. HALL.

FAUCET.

No. 179,092.

Patented June 27, 1876.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM S. BOOTH AND THOMAS H. HALL, OF BATON ROUGE, LOUISIANA.

IMPROVEMENT IN FAUCETS.

Specification forming part of Letters Patent No. 179,092, dated June 27, 1876; application filed April 5, 1876.

To all whom it may concern:

Be it known that we, WILLIAM S. BOOTH and THOMAS H. HALL, both of Baton Rouge, Baton Rouge county, in the State of Louisiana, have invented an Improved Faucet for Beer and Liquor Casks, of which the following is a full, exact description, reference being had to the accompanying drawings, forming part of this specification.

Our invention relates to a device for drawing beer or other liquid from kegs or casks, by which the keg or cask may be conveniently and properly tapped; and it consists in the parts combined and arranged to operate as hereinafter particularly set forth and described.

Figures 1 and 2 show, respectively, the tap and bung parts of our device separated. Fig. 3 shows the same parts in section, and united, as arranged to draw liquor from the cask. Fig. 4 is a sectional view of the bung part as arranged to close the bung-opening of the cask, and Fig. 5 is a face view of the same.

A is the bung portion of our device, which is formed, as shown in the drawings, with the hollow cylinder *a* adapted to be placed in the bung-hole of the cask, and to extend inward into the cask, being secured in the said hole by the thread *a*¹ upon the exterior of the cylinder, as shown, and being provided with a flange, *a*², which surrounds the said hole on the exterior of the cask. This flange may be adapted to be turned by a wrench, as shown in Fig. 5.

The inner end of the cylinder *a*—that is, the end which projects into the cask—has the lateral perforations *a*³, which are, preferably, made as shown, extending lengthwise of the cylinder.

For convenience in manufacture the cylinder *a* may be constructed in two parts, one being the portion which screws into the bung-hole, and the other the part having the perforations *a*³. These two parts may be riveted together, as shown, but may be, preferably, screwed together by a female thread on the perforated end passed onto a male thread turned on the bung-hole end.

Within the perforated end of the cylinder *a* is arranged a plunger, *a*⁴, provided with a coil-spring, *a*⁵, and which plays through an opening in the inner end of the cylinder. This plunger is provided at its head, where it abuts upon the shoulder *a*⁶, with the elastic or pack-

ing washer *a*⁷, and the head is formed with the male screw *a*⁸, adapted and arranged to enter the passage through the bung-hole end, and engage the female thread *a*⁹ formed thereon.

B is the tap or faucet portion of our device, which is formed with the customary stop-cock part *b*, and has a flange, *b*¹, provided with an elastic packing-washer, *b*², as shown. Extending back of this flange *b*¹ is a pipe-piece, *b*³, closed at its rear end, and there provided with a key-post, *b*⁴, and having lateral perforations *b*⁵, and having a male screw formed upon it back of the flange *b*¹ at *b*⁶, as shown, adapted to engage the thread *a*⁹ on the part A.

The operation of our device is obvious. It is intended that the part A shall be permanently fixed in the cask, and the bung closed by screwing the plunger into the thread *a*⁹.

When it is desired to tap the cask the faucet part B is introduced into the part A, the post *b*⁴ being fitted into a socket, *a*¹⁰, in the face of the plunger, and the part B revolved, thus unscrewing the plunger-head from its seat in the opening *a*⁹; and the part B is then screwed into the part A by means of the thread *b*⁶ engaging the thread *a*⁹, the plunger being forced back in the perforated end of the cylinder *a*, and a clear passage opened through from the interior cask into the faucet.

When it is desired to close the cask and withdraw the faucet part, the part B is unscrewed, the post *b*⁴ turning the plunger-head into its seat in the opening *a*⁹, the spring *a*⁵ acting to keep the plunger-head against the said post.

What we claim as our invention, and desire to secure by Letters Patent, is—

As a faucet device for drawing beer or liquor from casks, &c., the bung part A, having the hollow cylinder *a*, with lateral perforations at *a*³, and spring-plunger *a*⁴, with screw-head *a*⁸, adapted to abut on spindles *a*⁶, and enter female screw-opening *a*⁹, and having socket *a*¹⁰, together with the tap part B, having stop-cock *b*, flange *b*¹, pipe *b*³, carrying-post *b*⁴, and having perforations *b*⁵ and male screw-thread *b*⁶, all combined and arranged to operate as and for the purpose specified.

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Witnesses:

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