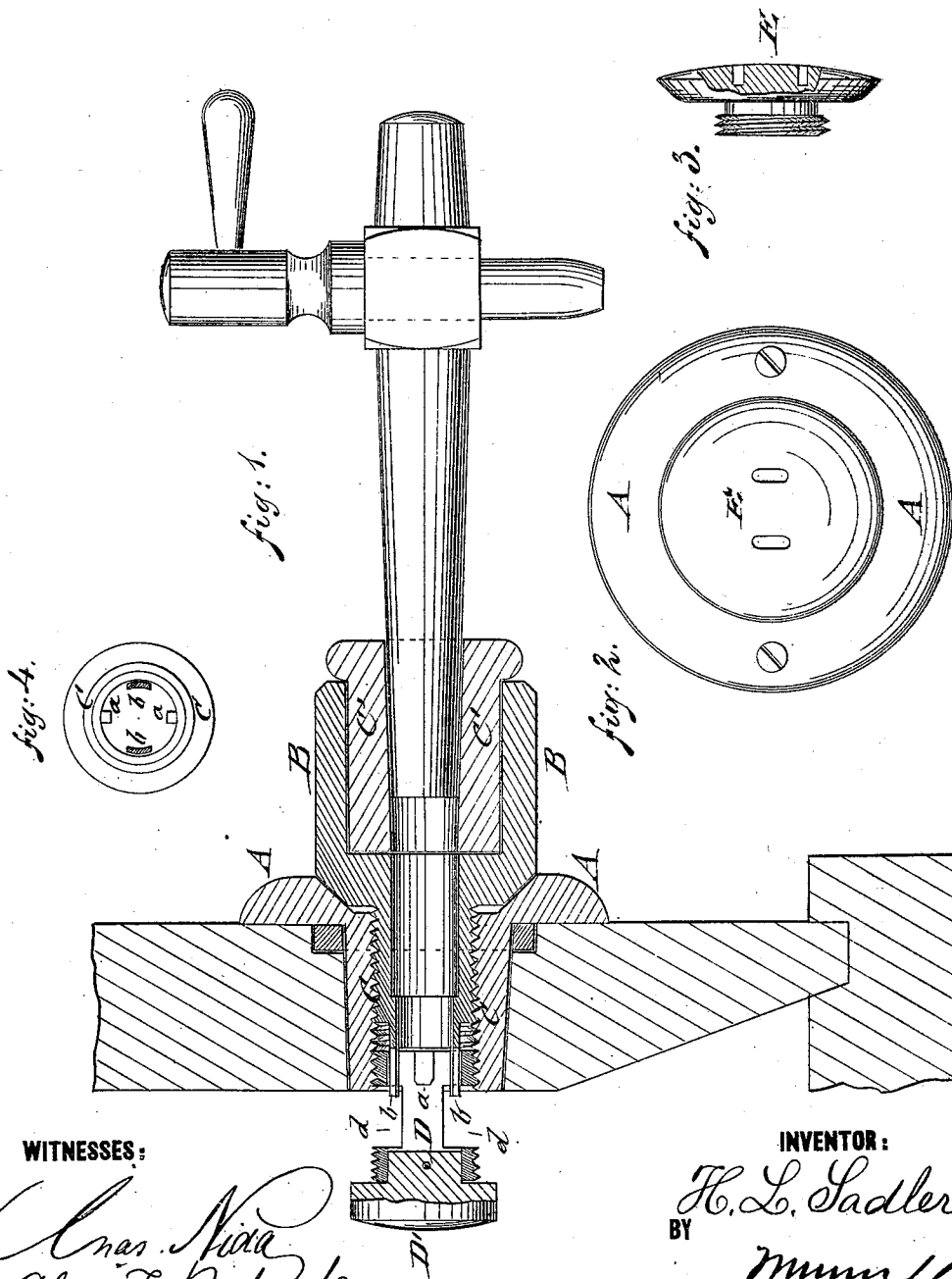


H. L. SADLER.
FAUCET ATTACHMENT.

No. 178,383.

Patented June 6, 1876.



WITNESSES:

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HARRY L. SADLER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN FAUCET ATTACHMENTS.

Specification forming part of Letters Patent No. **178,383**, dated June 6, 1876; application filed November 27, 1875.

To all whom it may concern:

Be it known that I, HARRY L. SADLER, of Brooklyn, Kings county, New York, have invented a new and Improved Faucet Attachment, of which the following is a specification:

Figure 1 represents a vertical central section of my improved faucet attachment as applied to a barrel; and Figs. 2 and 3 are, respectively, a front view and section of the screw-plug for closing the faucet-hole when the faucet is taken out; and Fig. 4 shows an end view of interior recessed plug-tube, as engaged by the lugs of the key.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide a cheap, convenient, and efficient means for tapping barrels, casks, kegs, vats, &c., containing liquids, especially malt liquors, whereby their contents may be drawn off or discharged with ease. The kegs may be tapped without the least loss of liquor, any cheap wooden or other faucet being used with equal facility as the more expensive brass faucets, the keg being closed by detaching the faucet attachment, so as to remain sweet and require no removal of tap-plugs.

The facility of applying the faucet makes the barrels and kegs more durable, as no injury and wear occur from the violent hammering, as in the present tapping.

The invention consists of a screw-threaded bushing of the faucet-hole, in connection with an interior tube, having recesses, and a wooden closing-plug. The plug-tube has interior projections, that are engaged by lugs of a hollow and threaded key that screws into the bushing and carries in a socket with wooden lining the faucet, opening or closing the keg by the insertion or withdrawal of the faucet-key.

In the drawing, A represents a metallic bushing of the faucet-hole, which is securely attached to the barrel-head, and provided with an interior screw-thread, into which the hollow key B screws by its threaded tubular part C. Key B is secured, when entirely screwed into the bushing, by its outer socket part, to the conically-tapering seat of the

bushing, the socket part being provided with a wooden lining, C', in which the faucet is tightly inserted. The tubular part C of the key B engages, by longitudinally-extending lugs *b*, interior projections *a* of a tube, D, that screws into the inner end of the bushing, closing the same by a wooden plug, D', attached to the end of tube D.

When the key is inserted and screwed into the bushing A, the lugs engage and turn simultaneously the plug-tube D, screwing the same forward into the interior of the barrel, until the socket of the key is seated on the bushing. Recesses or apertures of the plug-tube D are thereby opened, and the liquid is allowed to escape through the key to the faucet.

Any cheap wooden or other faucet may be used with the attachment, as no power is exerted thereon, the faucet and key being merely turned in the bushing.

By turning the faucet and key in opposite directions for withdrawing the faucet, the plug-tube is simultaneously screwed back into its original position, closing thereby the faucet-hole, and preventing the escape of any liquid.

The bushing may be additionally closed for shipping the barrels, with a solid metallic screw-plug, E, provided with recesses for the insertion of the lugs of the key, which serves to screw and unscrew the same.

The attachment may be employed with advantage to take out samples from barrels and kegs, as the faucet may be inserted and withdrawn without the least leakage or loss of liquid, in a very convenient manner.

The attachment may be cheaply manufactured, and forms a superior device for tapping ale, beer, and other barrels, for family and general use, as it does not necessitate the purchase of expensive faucets, and allows the perfectly-secure tapping of the barrel.

The wooden closing-plug prevents the liquid from coming in contact with any part of the metal bushing, so that the liquid remains perfectly sweet, and protected against any metallic taste or other deleterious influence of the metallic parts.

Having thus described my invention, I claim

as new and desire to secure by Letters Patent—

1. The wooden plug D', attached to the end of adjustable tube D, and preventing contact of liquid with the metal of faucet attachment, as shown and described.

2. A detachable faucet-key, having a thread-

ed tubular part for screwing into bushing, and an outer socket part with wood lining, for retaining the faucet, substantially as specified.

HARRY L. SADLER.

Witnesses:

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