

J. S. Glute, H. W. & W. D. Trissler,

Faucet.

No. 113,630,

Patented Apr. 11, 1871.

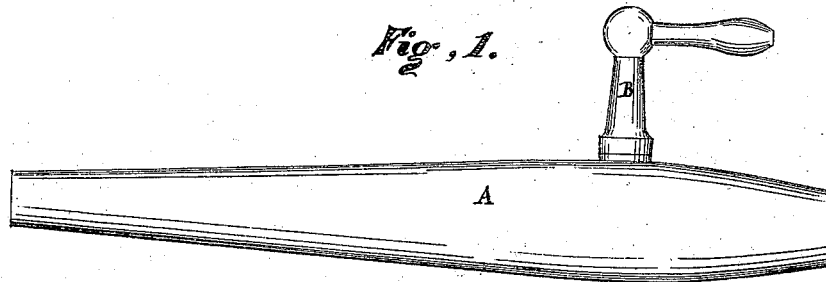


Fig. 6.



Fig. 7.

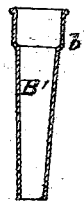


Fig. 2.



Fig. 3.

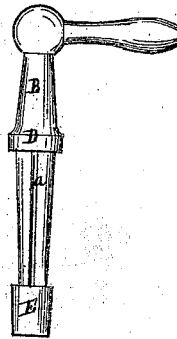


Fig. 4.

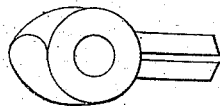
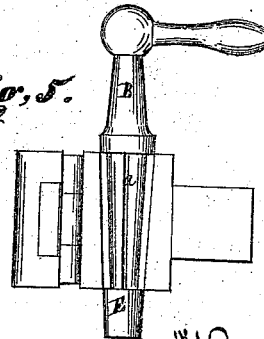


Fig. 5.



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JOHN S. CLUTE, HENRY W. TRISSLER, AND WALTER D. TRISSLER, OF
CLEVELAND, OHIO.

Letters Patent No. 113,630, dated April 11, 1871.

IMPROVEMENT IN FAUCETS.

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

To all whom it may concern:

Be it known that we, JOHN S. CLUTE, HENRY W. TRISSLER, and WALTER D. TRISSLER, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful improved Faucet; and we do hereby declare that the following is a full, clear, and complete description of the same, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a side view of one faucet and removable nozzle or filler;

Figures 2 and 3 are detached views of the faucet-key;

Figures 4 and 5 are views of a crimping device, to which reference will be made;

Figure 6 is a detached view of a removable nozzle or filler; and

Figure 7 is a sectional view of the same.

Like letters of reference refer to like parts in the several views.

The nature of this invention relates to a faucet-key and removable nozzle; and

The object thereof is to provide a metallic key with a leather covering, thereby combining in said key the strength and durability of the metal and the flexible adaptability of the leather, as hereinafter more fully described.

In fig. 1—

A represents the body of the faucet, and which is or may be constructed of wood or of any other suitable material.

B is the key, which is of the usual form and of any desirable size, and is made of metal.

A detached view of said key is shown in figs. 2 and 3.

That part of the key immediately around the hole C is reduced in size or chambered out, as shown in fig. 3, whereby is formed a shoulder, D, on the upper part of the key, and a shoulder, E, on the lower part.

Between the said shoulder is secured a sleeve or ferrule of leather, F, which is of the proper size and shape to fit the key-hole of the body of the faucet, and which conforms to the taper given to the face of the collars or shoulders D E; hence the two shoulders and the ferrule F together form a true and uniform taper, as shown in fig. 2.

The key-hole is provided with a metal bush, hence the leather ferrule will work smoothly thereon and free from abrasion, and which, in consequence of the softer character of the leather, the key will fit closely and tightly in the key-hole.

In order to prevent the ferrule from turning around on the key one or more grooves, *a*, is cut lengthwise the side of the key.

The leather for the ferrule, on being wet and softened, is wrapped around the key between the shoulders, and then placed in the crimper, shown in figs. 4 and 5, by the aid of which the leather is compressed around the key and into the grooves.

Said grooves form a corresponding rib on the inside of the ferrule, and which, fitting in the groove or grooves, prevent the ferrule from turning.

A faucet-key thus made has all the strength of one of solid metal, and the advantage over one entirely of metal of being more secure, as the leather will fit closer and tighter in the key-hole.

It is also more durable, as the two materials working together will cause no abrasion, or but little, and the leather being confined between the two shoulders it cannot slip off nor become loose on the key.

B' is a tapering hollow nozzle, chambered at its upper end to projection *b*, and fitted to receive the lower or discharge end of key B.

The purpose of this removable nozzle or filler is to attach it firmly to the lower end of key B by inserting the lower end of said key into the chambered upper end of nozzle B', whereby small-necked bottles or vials may be filled without the use of the common funnel.

The nozzle B' may be extended to any desired length, and, if necessary, have a very small discharge-opening at its lower end.

By this arrangement of nozzle, with key B constructed as described, a very useful and convenient device is produced for the use of apothecaries or others for filling small vessels or vials having small receiving-openings, and the use of a funnel is entirely dispensed with.

Claims.

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

1. The faucet-key B, having the tapered shoulders D E with the intervening recess to receive the leather packing F, and longitudinal grooves *a* in said recess, in which the leather packing is compressed, constructed to operate as herein described.

2. The removable tapered and chambered nozzle or filler B', having the enlarged chamber at its upper end to offset *b*, in the manner and for the purpose described.

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