

W. H. Trissler,

Faucet.

No. 102624.

Patented May 3, 1870.

Fig. 1.

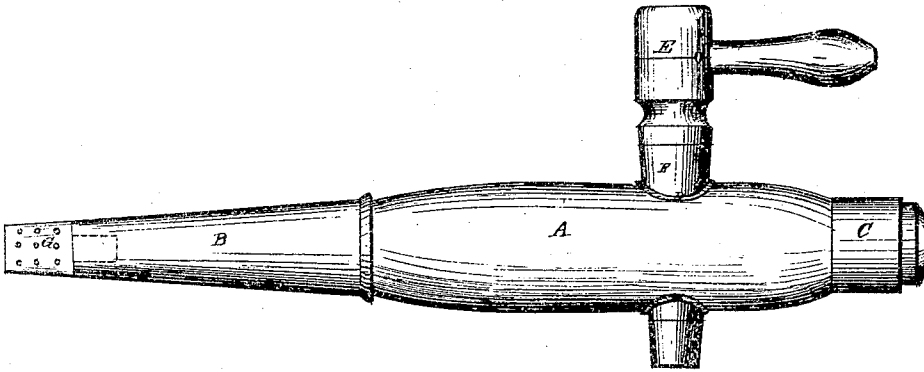


Fig. 2.

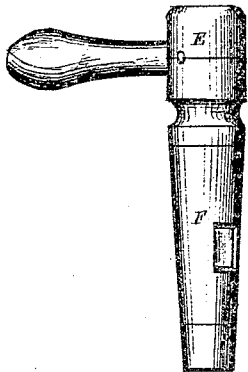


Fig. 3.



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Witnesses.

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WILLIAM H. TRISSLER, OF CLEVELAND, OHIO.

Letters Patent No. 102,624, dated May 3, 1870.

## 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 I, WILLIAM H. TRISSLER, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Faucets; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings making part of this specification.

### Drawings.

Figure 1 is a side view of the faucet.

Figure 2, a detached view of the key.

Figure 3, a detached section.

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

### Objective.

This invention consists of the combination of metal and wood in the construction of faucets, whereby is obtained to it the harmlessness and purity of the wood and the strength and durability of the metal, as hereinafter more fully set forth.

### Descriptive.

In fig. 1—

A represents the body of a faucet constructed of wood, and which may be of the shape and size of those in common use.

The stem of the faucet is covered with a metallic shield or shell, B, closely fitted thereon, and secured in any desirable manner.

Around the butt end of the faucet is a metal band, C, the purpose of which will presently be shown.

The key-hole of the implement is lined with a leather bush, D, or with some other equivalent material.

The key E, fig. 3, of the faucet is also constructed of wood, around the stem of which is cast or otherwise secured thereto a metal band or shield, F.

The advantages resulting from the above-described arrangement and combination of wood and metal are as follows, viz:

It is well known to those having extensive use of faucets that the stem of those made entirely of wood is very liable to break or split, in consequence of the compression to which it is subjected on being driven into the top hole, and more especially is this the case when they are frequently driven in and withdrawn, as the barrels in which they are used become exhausted of their contents.

To avoid this expensive waste in the matter of faucets in consequence of their breaking, metal ones have been resorted to.

These are not only greatly more expensive than wooden ones, but are seriously objectionable from their imparting to the contents of the casks in which they are used a peculiar metallic taste, either in consequence of the kind of metal used, or from the chemical effect

that the liquors may have upon them; hence wooden faucets are preferable from their more pure and harmless character, and are therefore more extensively used for the drafts of wine and liquors.

It will be obvious that these objections are avoidable by my invention.

By covering the stem of the faucet with a shield or shell, as above described, it possesses a strength to resist compression, on being driven into the top hole, equal to a metallic one, and at the same time possesses the purity of the wooden faucet, as the liquor is drawn off through the wooden stem covered by the shell; hence no bad taste is imparted to the contents of the barrel.

The keys of wooden faucets are also made of wood, which, in consequence of their being soaked by the liquors, become soft, and, by frequent use, soon wear away and the taps become leaky.

This objection is also avoided by my faucet, as that part of the key fitted to and working in the chamber of the body is protected by a metallic shield or shell, F, above referred to; hence the wood is protected from abrasion, and will therefore be more secure and durable.

A further improvement consists in providing the faucet with a strainer, G, fig. 1, a detached view of which is shown in fig. 3.

Said strainer may be used or not, as the nature of the liquors to be put in draft may require. When used for the draft of ordinary ale, into which hops are put for its preservation, this strainer is of great practical use, as it keeps back the hops from passing into the faucet, which, without such protection, would obstruct the flow of the liquor.

In the use of the ordinary wooden faucet, it is a matter of frequent occurrence that on driving it into the top hole the head of the faucet becomes shattered by the often-repeated blows given it in order to drive it in, and when the faucet is frequently taken from one cask and inserted in another, such faucets soon become cracked and leaky.

To guard against this is the purpose of the band C, referred to, which, by its close fitting and strength, will effectually prevent the head from being so battered as to crack, and therefore become leaky.

### Claim.

What I claim as my improvement, and desire to secure by Letters Patent, is—

The faucet hereinabove described, composed of the wood body A, smooth metal shell B with wooden interior, band C, key E, shield F, and bush D, when the several parts are constructed in the manner and for the purpose as described.

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Witnesses:

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