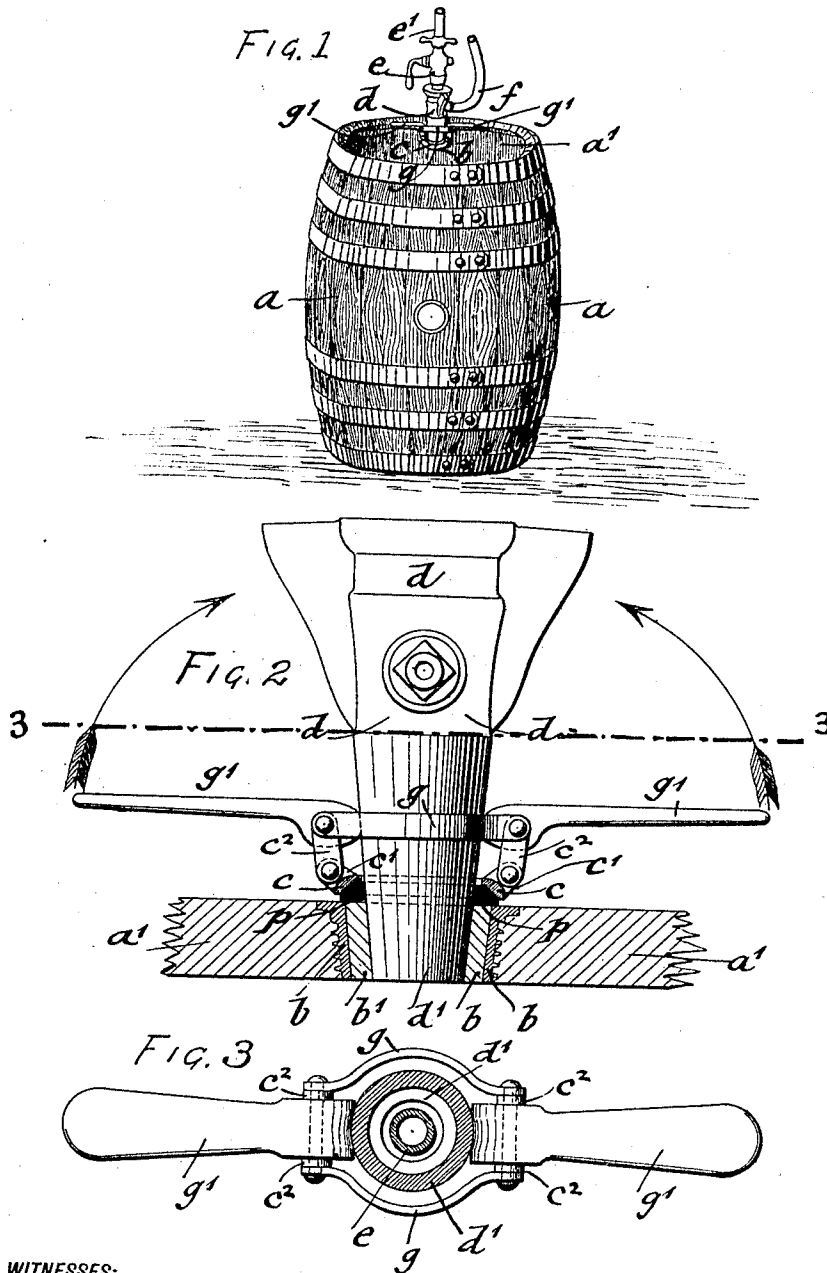


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ATTACHMENT FOR BARREL TAPS.
APPLICATION FILED SEPT. 28, 1910.

984,460.

Patented Feb. 14, 1911.



WITNESSES:

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984,460.

Specification of Letters Patent. Patented Feb. 14, 1911.

Application filed September 28, 1910. Serial No. 584,197.

To all whom it may concern:

Be it known that we, MICHAEL J. ZWOSTA, a citizen of the United States of America, and GOTTLIEB SOEHNGEN, a citizen of the German Empire, both residing in the city of New York, in the borough of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Attachments for Barrel-Taps, of which the following is a specification.

This invention relates to an improvement in attachments for barrel-taps, by which the leakage at the bushing of the tap-hole, through which the draft-tube is driven into the barrel, is obviated and thereby the so-called "getting flat" of the beer or other fermented liquor in the barrel, due to the escape of the carbonic acid gas, is prevented; and for this purpose the invention consists of an attachment for barrel-taps, which comprises a ring-shaped collar provided with an elastic packing-ring or gasket placed over the bushing of the tap-hole and pressed thereon or released therefrom by two cam-levers, which are fulcrumed to supporting-straps, and connected by pivot-links with lugs on the collar, so that the escape of gas at the bushing is prevented, as will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of a barrel, showing our improved attachment for barrel-taps in position on the tap-hole and bushing of the same. Fig. 2 is a side-elevation of the attachment for barrel-taps, shown on a larger scale and partly in section through the elastic packing and the bushing of the tap, and Fig. 3 is a plan-view, partly in section on the line 3—3, Fig. 2.

Similar reference characters indicate corresponding parts throughout the several figures.

Referring to the drawings, *a* represents a barrel for beer or fermented liquids. Into the bushing of the tap-hole, which is located in the head *a'* of the barrel *a*, is driven a faucet or tap *d* of the usual construction, through which the draft-pipe *e* is inserted. The draft-pipe *e* is of sufficient length to extend to near the bottom of the barrel. The bushing *b* is screwed into the tap-hole of the head, and closed by a wooden plug *b'* in the usual manner. A rubber tube *f* is connected with the upper part of the tap *d* for

supplying air or carbonic acid gas under pressure to the interior of the barrel, and force the contents of the same through the draft-tube *e* by a connecting pipe *e'* to the discharge-faucet at the bar where the beer is drawn off.

Around the lower tapering end *d'* of the barrel-tap *d* is arranged a collar *c*, which is provided at diametrically-opposite points with two pairs of lugs *c'*, that are connected by two pairs of pivot-links *c''* with two outwardly-bent straps *g*. To the supporting straps *g* and the upper ends of the pivot-links are fulcrumed two cam-levers *g'* that are arranged diametrically to the tap, as shown clearly in Figs. 2 and 3. The inner ends of the cam-levers *g'*, adjacent to the faucet or tap *d*, are made eccentric to the fulcrum of the same and slightly concaved, so that a cam-action is exerted on the tap when the levers *g* are moved in downward direction into the position shown in Fig. 2. In the collar *c* is sprung an elastic packing *p* of soft rubber or other suitable material, which is firmly pressed by the cam-levers, connecting pivot-links and collar *c* onto the lower part of the tap and over the wooden plug *b'* and bushing *b*, so that any possibility of the escape of gas from the barrel, which may be due to the splitting or other injuring of the plug in driving the tap through the same is prevented and thereby the beer or other liquid kept in perfectly fresh and good condition.

By the attachment described, which can be supplied at a comparatively small expense, the tight connection of the barrel-tap with the bushing and plug of the barrel is obtained, so that the so-called "getting flat" of the fermented liquid, due to the escape of the carbonic acid gas, is prevented. The attachment can be readily released from the tap and bushing by moving the cam-levers into raised position in the direction of the arrows shown in Fig. 2, whereby the collar and packing-ring are lifted away from the tap-hole, so that the barrel-tap and draft-tube can be removed from the empty barrel and inserted into the tap-hole of another barrel, upon which the attachment is again placed in position on the tap and tap-hole by moving the cam-levers in downward direction and pressing the packing-ring firmly onto the tap and over the tap-hole of the barrel.

Having thus described our invention, we claim as new and desire to secure by Letters Patent:

- 5 1. An attachment for barrel-taps, consisting of a ring-shaped collar provided with an elastic packing-ring, outwardly-bent straps above said collar, cam-levers fulcrumed to said straps, and pivot-links connecting the cam-portions of the levers with
10 the collar.
2. An attachment for barrel-taps, comprising a ring-shaped collar provided with lugs at diametrically opposite points, an elastic packing-ring in said collar, out-
15 wardly-bent straps above said collar, cam-levers fulcrumed to said straps, and pivot-links, connecting the pivot-pins or fulcra of the cam-levers with the lugs on the collar.
3. The combination with the tap-hole

and bushing of a barrel for beer or other 20 fermented liquids, of an attachment consisting of a collar provided with an elastic packing-ring, supporting straps above said collar, cam-levers fulcrumed to said straps, and pivot-links connecting the fulcra of the 25 cam-levers with the collar, said cam-levers being adapted for pressing the packing-ring on the tap and over the tap-hole or releasing the same therefrom.

In testimony, that we claim the foregoing 30 as our invention, we have signed our names in presence of two subscribing witnesses.

MICHAEL J. ZWOSTA.
GOTTLIEB SOEHNGEN.

Witnesses:

PAUL GOEPFEL,
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