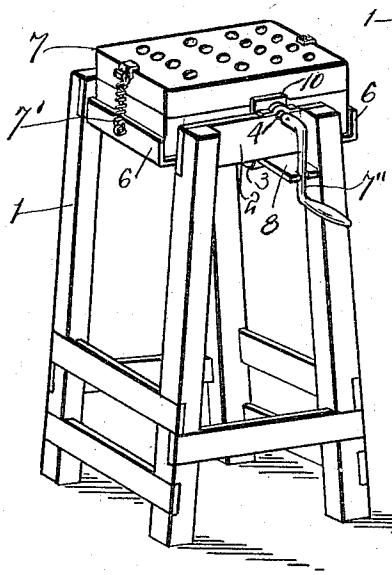
J. SJAUKEN.

BOTTLED LIQUID MIXING MACHINE.

APPLICATION FILED FEB. 24, 1915.

1,156,375. Patented Oct. 12, 1915.

FIG. 1.



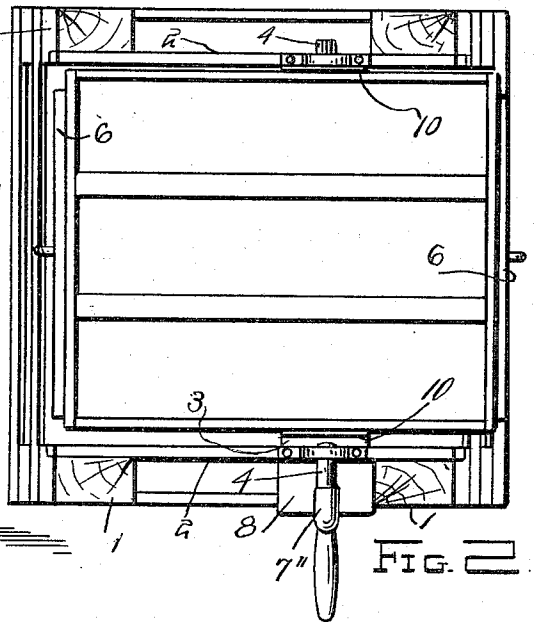


FIG. 2.

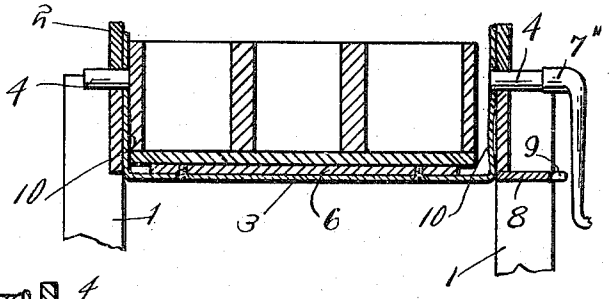
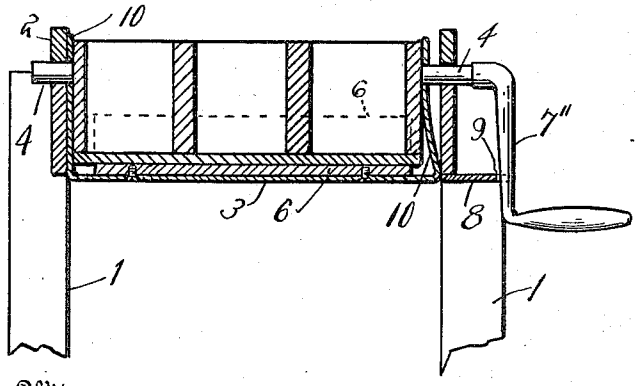


FIG. 4.

FIG. 3.



Witnesses

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JOHN SJAUKEN, OF HOBOKEN, NEW JERSEY.

BOTTLED-LIQUID-MIXING MACHINE.

1,156,375. Specification of Letters Patent. Patented Oct. 12, 1915.

Application filed February 24, 1915. Serial No. 10,358.

To all whom it may concern:

Be it known that I, JOHN SJAUKEN, a citizen of the United States, residing at Hoboken, in the county of Hudson, State of New Jersey, have invented certain new and useful Improvements in Bottled-Liquid-Mixing Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a bottled liquid mixing machine, and is in the nature of an improvement on the machine shown in my application for a Patent #836,724, filed May 6, 1914.

An object of the invention resides in the provision of improved means for maintaining the box supporting platform in a horizontal position while the box and cover therefor are being put in place thereon or removed therefrom.

With these and other objects in view, such as will appear as the description progresses, my invention comprises the combination and arrangement of parts as set forth in and falling within the scope of the appended claims.

Referring to the drawing: Figure 1 is a perspective view of my device. Fig. 2 is a plan view, showing a box in place upon the platform, but the cover for the said box removed. Fig. 3 is a vertical sectional view, showing the relative positions of the parts when the box and platform are held stationary. Fig. 4 is a similar view, showing the position of the parts when the platform and box are free to revolve.

Referring to the drawing wherein like parts are indicated by like characters throughout the several views:—A frame 1 similar to the frame in the above mentioned application is provided. Extending between the ends of the standards of this frame are bars 2, between which extends a U-shaped yoke 3 made of any suitable resilient metal and rigidly secured to revoluble shafts 4. Secured to this yoke 3 is a platform 6 on which the box of bottles and cover 7 may be placed. This cover 7 is provided with a plurality of holes through which the necks of the bottles may extend. The cover is held on the box by coil springs 7′ which springs are secured to the platform 6. The coil springs hold the cover yieldingly on the bottles so that it may hold bottles of various sizes.

One of the shafts 4 is extended outwardly and has a crank handle 7″ mounted on the end thereof by means of which it may be rotated.

Secured to the bar 2 adjacent the crank handle 7″ is an outwardly extending plate 8 having a notch 9 in the end thereof in which the crank handle 7″ is adapted to engage. The normal tendency of the arms 10 of the U-shaped yoke 3 is to draw the handle 7″ into the notch 9 and prevent the rotation of the platform 6 and to also frictionally engage the box so that it will be held upon the platform. In operation after a box has been placed on the platform 2 and the cover for the box secured thereto the handle 7″ is drawn outwardly against the resistance of the arms 10 of the yoke 3 and disengaged from the notch 9 in the plate 8. The platform is then revolved by the revolving of the said handle 7″ until the contents of the bottles within the box has been thoroughly mixed at which time the platform may be brought to a horizontal position and the handle 7″ moved inwardly to engage the notch 9 in the plate 8 so that further rotation of the platform will be prevented. This also causes the arms 10 to engage the sides of the box and thus maintain the same in place on the platform during the removal of the cover therefrom.

Thus it will be seen that I have provided an improved means for maintaining the platform on which the box of bottled liquid is mounted in a stationary position so that the box may be placed on the platform or removed therefrom without the possibility of the platform tilting or revolving.

I have further constructed the device in such manner that the box will be maintained on the platform after the cover has been removed therefrom.

While I have illustrated and described a particular embodiment of my invention, I have merely done so for the sake of convenience and I do not wish to be limited to that particular embodiment as it is obvious

that numerous changes may be made in the details of construction thereof without in any way departing from the spirit of the invention or exceeding the scope of the appended claims.

What I claim is:—

1. In a bottled liquid mixing machine, a frame, horizontally extending spaced bars secured to the upper end thereof, stub shafts revolubly mounted in said bars, a U-shaped yoke having resilient arms secured to and depending from said shafts, a platform mounted on the yoke and adapted to support a box, one of said shafts being extended and having a crank handle on the end thereof, a notched plate secured to the adjacent bar, the said crank handle being constructed and arranged to fit into said notch and the resilient arms to frictionally engage the box supported on the platform.

2. In a bottled liquid mixing machine, a frame having horizontally disposed spaced bars on the upper end thereof, a platform revolubly mounted between said bars, a stub shaft yieldably associated with said platform and having a crank handle on one end thereof, a plate having a notch therein secured to the side bar adjacent the crank handle, and resilient means for moving the said crank handle into the said notch.

In testimony whereof, I affix my signature, in the presence of two witnesses.

JOHN SJAUKEN.

Witnesses:

EDWARD STOVER,

GUSTAV PLÖHM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."