May 10, 1932. A. FARIELLO 1,858,144

JAR HOLDER

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Fig. 1.

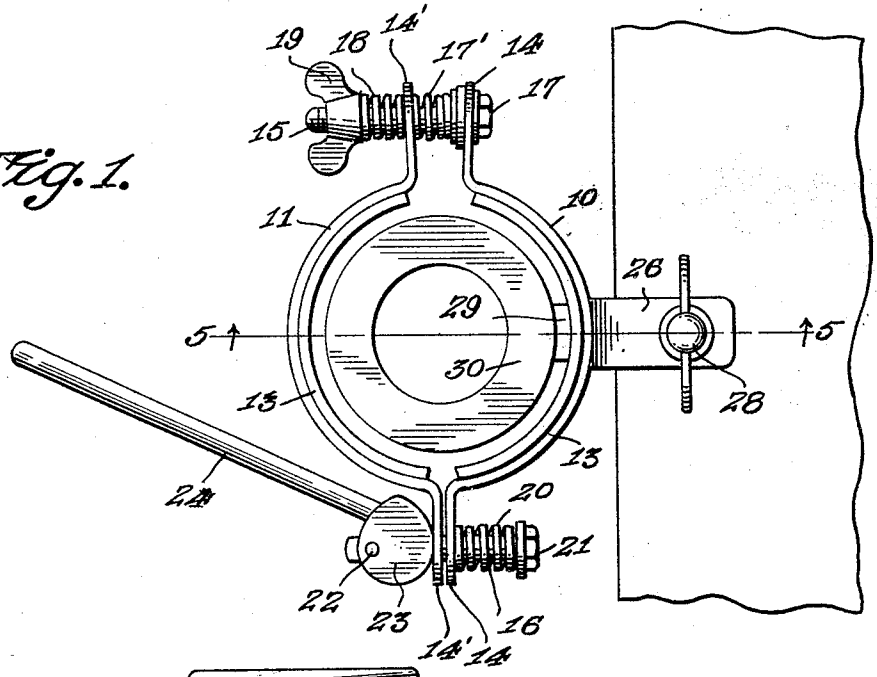
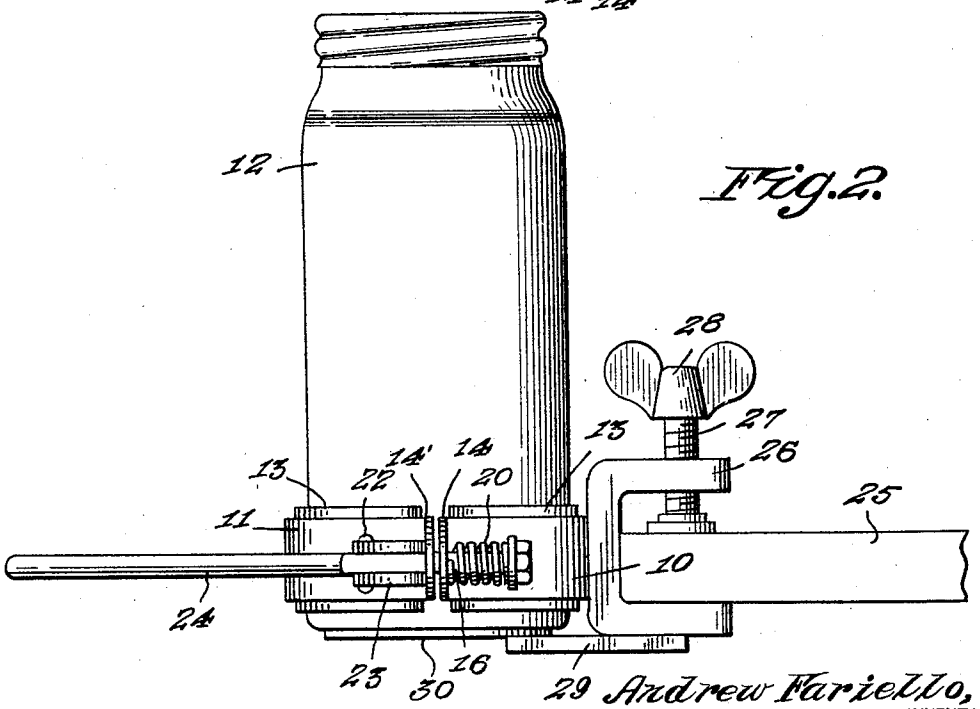


Fig. 2.



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Fig. 3.

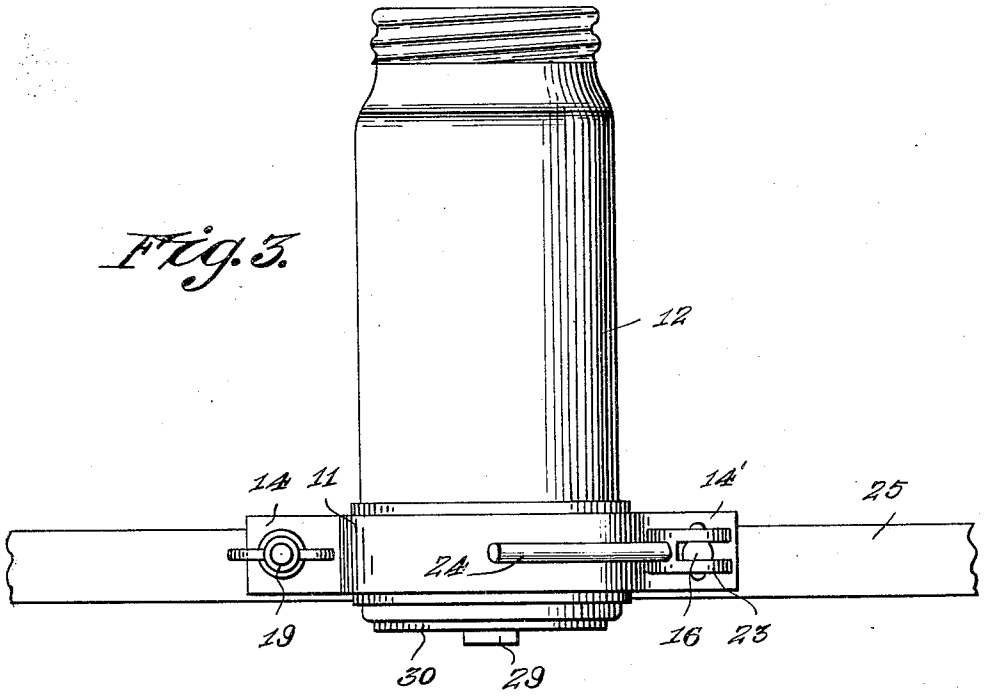


Fig. 4.

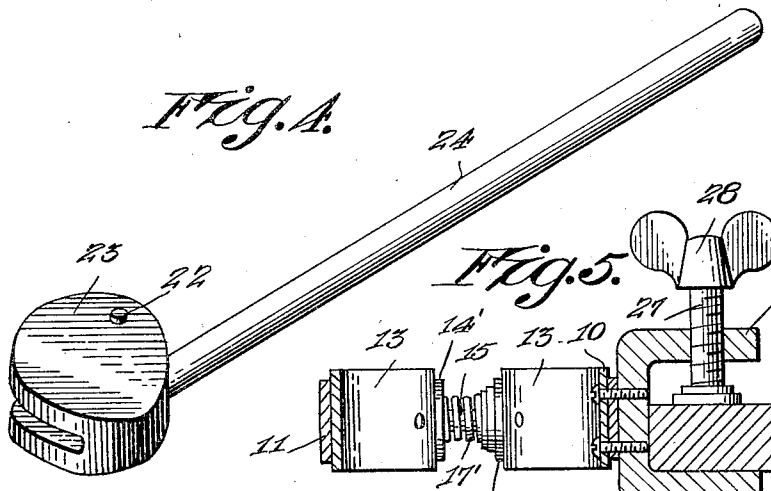


Fig. 5.

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Patented May 10, 1932 1,858,144

UNITED STATES PATENT OFFICE

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JAR HOLDER

Application filed July 26, 1930. Serial No. 470,940.

This invention relates to jar holders and has for an object the provision of a device which may be secured to a table or other support to tightly hold a jar, the invention being especially useful when canning, so that both hands of the operator will be free to fill or cap the jar.

Another object of the invention is the provision of a jar holder of novel construction which may be adjusted for use with jars or receptacles of different sizes and within which a jar may be quickly and securely clamped, or readily released.

Another object of the invention is the provision of a jar holder which in addition to the above and other advantageous features, is simple in construction, efficient in use and may be sold at a moderate cost.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claims.

In the drawings:—

Figure 1 is a plan view of the invention shown in position for use.

Figure 2 is a side elevation with a jar secured within the holder.

Figure 3 is a front view of the same.

Figure 4 is a detail perspective view of the eccentric.

Figure 5 is a section on the line 5—5 of Figure 1.

Referring to the drawings in detail wherein like characters of reference denote corresponding parts, the reference character 10 indicates a substantially semi-circular gripping member which is arranged in opposed relation to a similar gripping member 11. These gripping members are adapted to engage and grip the outer surface of a jar 12 or like container, and for this purpose the members 10 and 11 are provided with a friction lining 13, of leather or other suitable material.

Extending from opposite ends of the gripping members 10 and 11 are ears 14—14′. These ears are arranged in pairs and are provided with openings for the passage of bolts or studs 15 and 16. The bolt 15 is first passed through the aperture of the ear 14 and is prevented from any accidental displacement of the ear 14 by the provision of the head 17 of the bolt. The ears of the members 10 and 11 are arranged in pairs, so that this bolt or stud 15 will pass through the opening provided in the adjacent ear 14′. A spring 17′ surrounds the stud 15 between the ears 14 and 14′, while a spring 18 is carried by the stud and is positioned between the ear 14′ and a thumb nut 19 which is threaded upon the end of the stud. The ears 14 and 14′ are thus yieldingly connected and are capable of adjustment with respect to one another.

The other ear 14 of the member 10 through which the stud 16 passes, forms one of a pair of ears at the other ends of the members 10 and 11, the other ear of the pair being indicated at 14′. The stud passes through both of these ears and is surrounded by a spring 20 which bears against the ear 14 and against the head 21 of this stud. By the provision of the spring 17 tends to yieldably connect the sections 10 and 11 together whereas the springs 20 and 18 serve as equalizing springs, that is to say, when too much pressure is brought to bear on the locking member 23 such springs will compensate any undue pressure and thereby prevent the breaking of the jar.

Eccentrically pivoted upon the other end of the stud as shown at 22 is a locking member 23. This member is bifurcated to receive the flattened end of the stud 16 and has extending therefrom an operating handle 24.

After the members 10 and 11 have been initially adjusted to the size of the jar, the eccentric 23 may be manipulated to contract or move the members 10 and 11 relatively inward to tightly grip the jar. The latter will thus be securely held in position, while both hands of the operator will be free to fill or cap the jar. A reverse movement of the eccentric 23 will quickly release the jar.

Various means may be provided for removably attaching the holder to a table 25 or other support. The means shown consists

of a U-shaped member 26 which is rigid with the central portion of the gripping member 10 and which is provided with a clamping screw 27 and a thumb piece 28.

Extending from the U-shaped member 26 is an arm 29 and this arm carries a support 30 whch is shown in the form of an annular ring. This support is positioned beneath the gripping members 10 and 11 and acts to support the jar prior to and after the gripping operation.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having described the invention what is claimed is:—

1. In a jar holder, a pair of substantially semi-circular gripping members arranged in opposed relation, apertured ears extending from opposite ends of said members, said ears being arranged in pairs, means connecting one pair of ears to provide for relative adjustment, means connecting the ears of the other pair to hold the semi-circular members in gripping position, a U-shaped attaching clamp rigid with the central portion of one of the gripping members, and a jar support carried by the clamp and positioned beneath the gripping members.

2. In a jar holder, a pair of substantially semi-circular gripping members arranged in opposed relation, apertured ears extending from opposite ends of said members, a bolt extending through one pair of ears, a thumb nut threadedly mounted on said bolt, yieldable means carried by the bolt and arranged between the pairs of ears and also between one of said ears and the thumb nut, a headed stud extending through the ears of the other pair, a spring mounted upon said headed stud and bearing against one of said ears, means eccentrically mounted on the headed stud to hold the semi-circular members in gripping position.

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