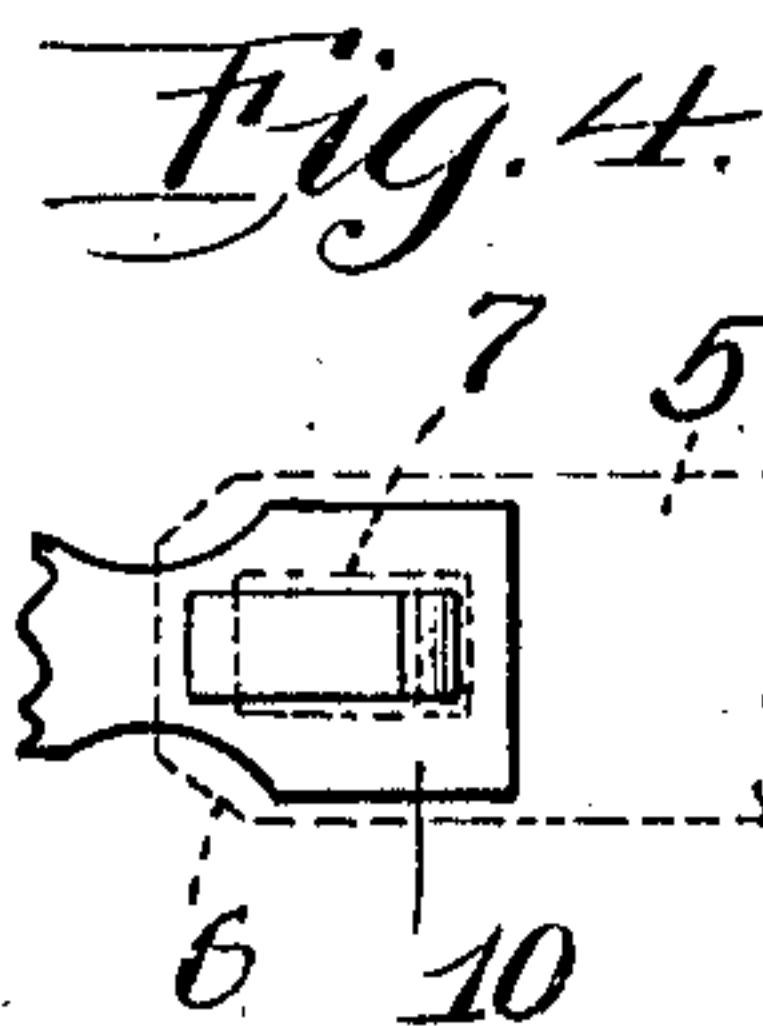
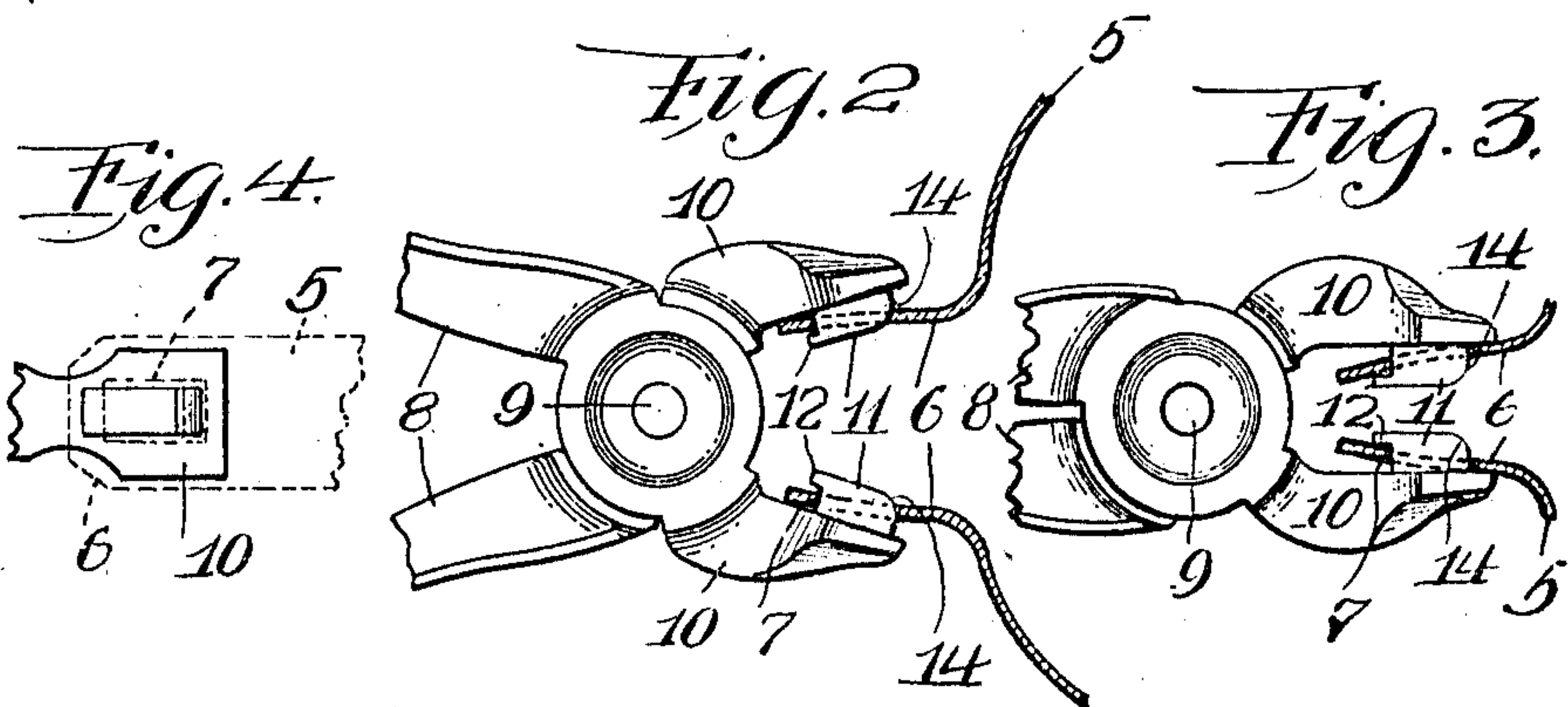
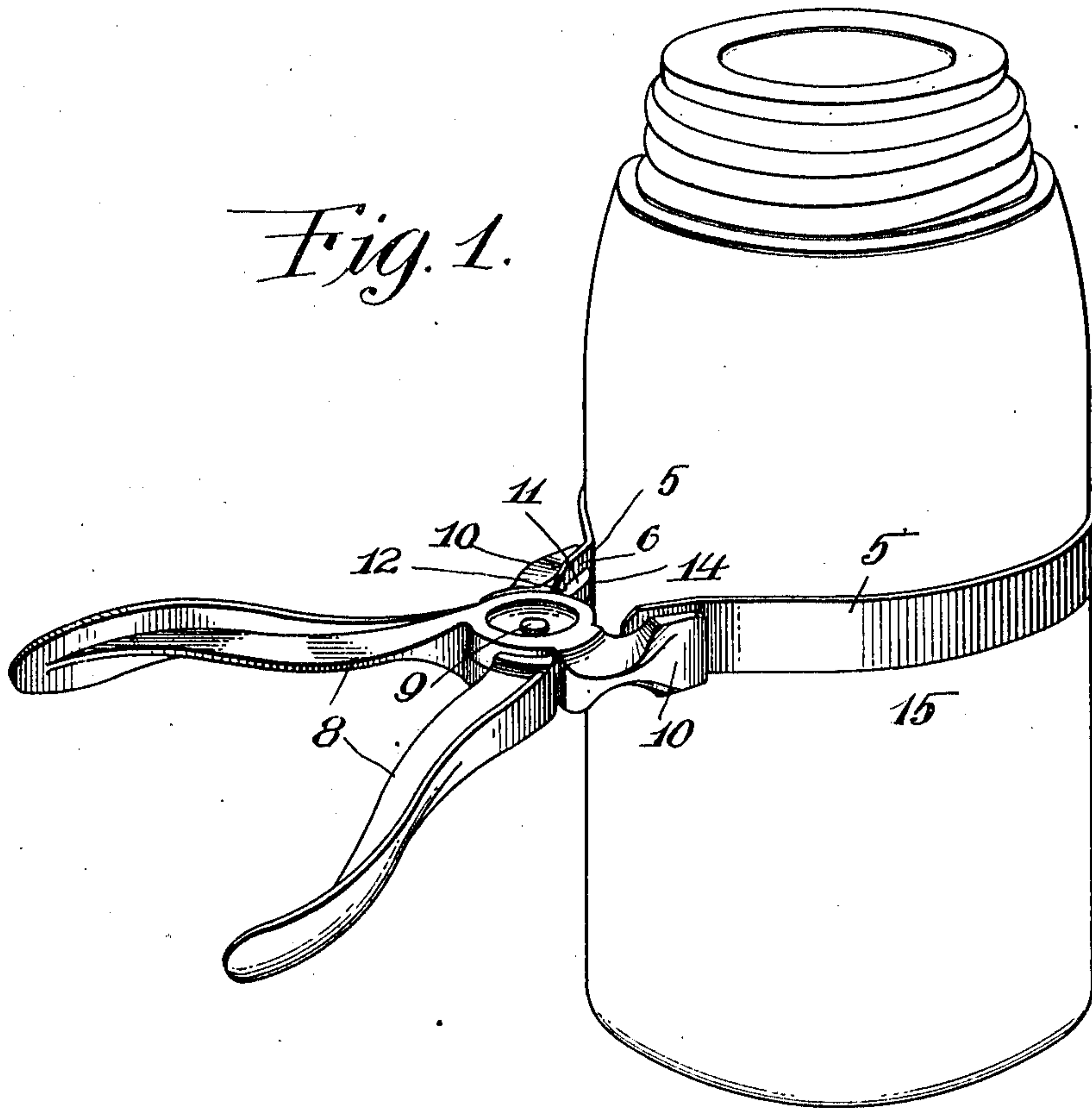


B. F. BAIN.
JAR HOLDER.

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970,365.

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WITNESSES

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JAR-HOLDER.

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To all whom it may concern:

Be it known that I, BENJAMIN F. BAIN, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Jar-Holders, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain new and useful improvements in jar or can holders, and has for its main object to provide a convenient device by means of which a cylindrical jar, can or other receptacle may be handled or firmly held while the cover is being placed thereon or removed therefrom.

A further object of the invention is to provide a device of this character by means of which an effective grip may be obtained upon the object being held while leverage is being applied to the cover in placing the latter on the can or jar or removing the same therefrom.

A further object of the invention is to provide a device of the character stated employing a resilient or flexible band for gripping the object or receptacle being held and which band is readily attachable to and detachable from the leverage means employed for tightening the band upon the object, so as to provide for the ready use of bands of different sizes if desired, although generally a single band may be operated upon so as to cause the same to firmly grip jars or cans of varying diameters.

A still further object of the invention is to provide a gripping device that can be easily and quickly manipulated with one hand for gripping and handling a jar or similar receptacle, the device being simple in construction, durable, inexpensive to manufacture, free from injury by ordinary use, and efficient as a gripping and lifting device for moving receptacles or articles that could not be ordinarily handled by bare hands.

With the above broad objects in view, and other more specific objects also in view as will appear as the invention is hereinafter specifically described and then claimed, the invention resides in the novel construction, combination and arrangement of parts as will be hereinafter described, and in describing the invention in detail, reference will be had to the accompanying drawing forming a part of this application, and wherein like

numerals of reference will be employed for designating like parts throughout the different views of the drawings, in which:—

Figure 1 is a view in perspective of a holder constructed in accordance with my invention, showing the same in position upon a fruit jar, Fig. 2 is a plan view of a portion of the clamping levers, and showing the flexible band engaged therewith, the band being in section and in the open position, Fig. 3 is a similar view showing the clamping levers in the closed position, and Fig. 4 is a detail plan or face view of one of the short arms of the levers, showing a face view of one of the securing lugs for the flexible band, and illustrating a portion of the latter in dotted lines.

To put my invention into practice, I provide a resilient or flexible clamping band 5, usually made of thin sheet metal, the ends of which are given an angular bend and provided with oblong slots 7. In connection with the clamping band, I employ a pair of clamping levers embodying the long arms 8 which serve as handles for the device, and which are pivotally connected by the rivet or pivot pin 9. The short arms of these levers are designated by the numeral 10, said short arms being somewhat in the form of jaws, the inner faces of the same being materially broadened, so as to approach at least in width, to the width of the flexible band 5. On the inner face of each short arm 9, is a lug 11, rectangular in form, and substantially the size of the rectangular slots provided near the ends of the flexible band. The inner or rear wall of each of these lugs is cut away from a point near the outer face of the lug to the base of the latter, thus providing at the inner or rear end of the lug a rearwardly extending lip 12 which acts to hold the end of the band on the lug both during use of the device, and when the device is not in use. The outer or forward ends of these lugs are beveled off or rounded, as at 14 in order to allow of the band moving over the lugs as the clamping levers or handles are closed together.

In Fig. 1, the device is shown as applied to a jar 15 of the ordinary type. To tighten the resilient or flexible band 5 upon the jar, the handles 8 are pressed toward each other, thus causing the short arms of the clamping levers to move toward each other, and also causing the ends of the band 5 to shift on

the lugs from the position shown in Fig. 2, to the position shown in Fig. 3, such shifting being permitted by the rounded off outer ends of the lugs. This brings the inner ends of the slots in the band up under the lips on the rear ends of the lugs, and effectively prevents any slipping of the ends of the band from off the lugs, while at the same time, the inner faces of the short arms at a point beyond the outer ends of the lugs have come into engagement with the resilient or flexible band, as shown in Fig. 3, and the band is thus drawn tightly around the jar so as to most effectually hold the same.

When the pressure upon the handles is relieved, the tension of the resilient band separates the handles to the position shown in Fig. 2, thus releasing the receptacle and allowing the holder to be removed. This operation is accomplished by one hand and after the holder has been removed from the receptacle, the angular ends of the band assume a position at an angle to the length of the lugs, so that by taking hold of the band near one end and pushing toward the pivots of the handles, the end of the band may be readily disengaged from the lug, the opposite end disengaged, and a larger or smaller band placed in engagement with the lugs should it be desired to use such a band.

I attach considerable importance to the fact that the band can be easily made and when attached to the lugs, the band is always held in position ready for immediate use, the manner of attaching the ends of the band to the lugs removing all danger of the ends of the band being injured by ordinary use and insuring a smooth and uninterrupted surface in connection with the band for gripping a receptacle. It is a desideratum in connection with articles of

this kind ordinarily styled household articles, to construct the same as simply as possible in order that its manipulation can be easily explained, understood and performed by women. For this reason, the construction has been simplified to that degree as to render the operation positive and effectual in gripping a receptacle.

From the foregoing it will be observed that my invention resides in the manner in which the ends of the band are connected to the clamping levers and the manner in which the short arms of the levers are formed so as to be brought against the band at points beyond where the band is secured to the arms, so as to provide for drawing the band more tightly around the object being held. It is the particular construction of these short arms of the clamping levers and the manner in which the flexible band is connected thereto to which I make claim without limiting myself to the precise construction shown and described.

What I claim is:—

A holder of the class described comprising the combination with pivotally connected clamping levers having long and short arms and off-set lugs on the plane inner faces of said short arms, said lugs provided at their rear ends with retaining lips and having their forward ends rounded, of a flat resilient clamping band having slots near the ends and engageable with and disengageable from said lugs.

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

BENJAMIN F. BAIN.

Witnesses:

KARL H. BUTLER,
EVA A. MILNE.