(No Model.)

M. THOENI.

COMBINED BAND COUPLING AND HANDLE FOR CANS.

No. 459,716. Patented Sept. 15, 1891.

Fig. 1.

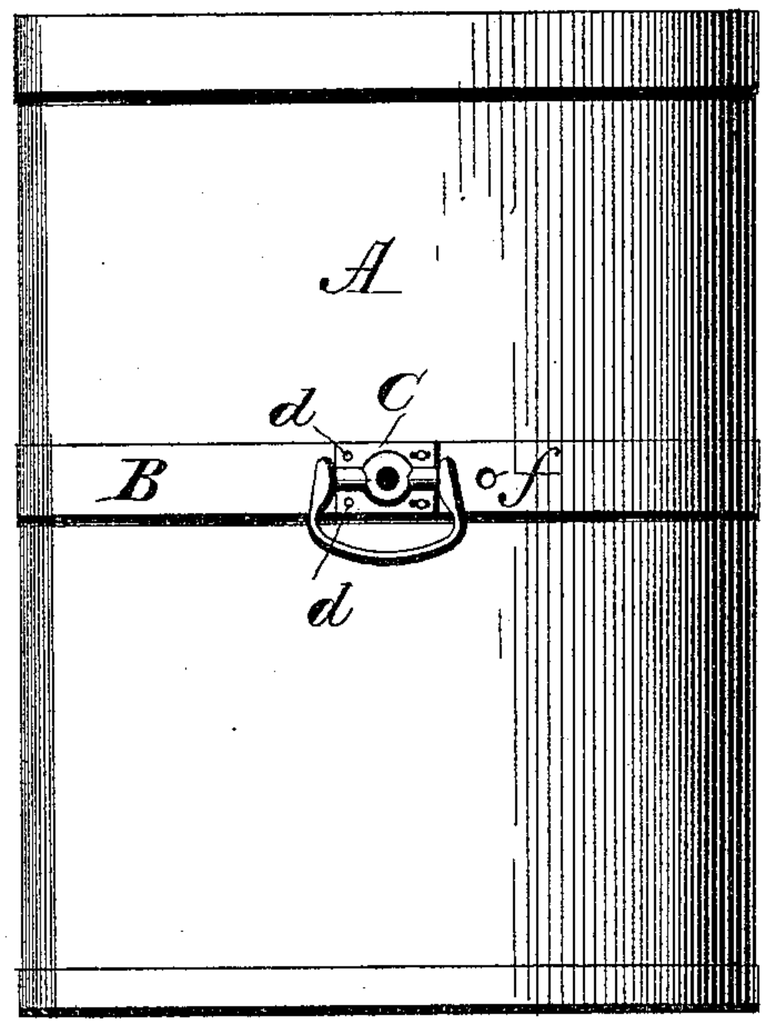
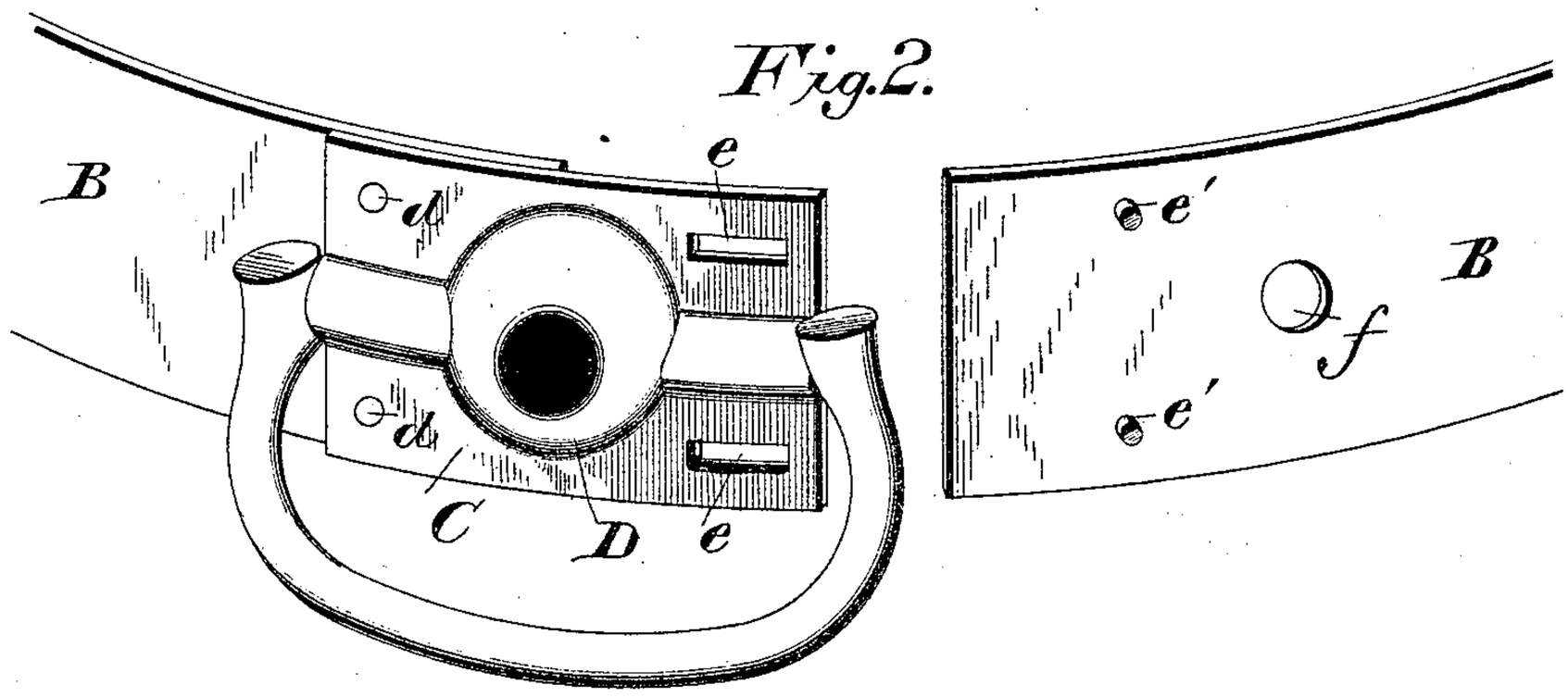


Fig. 2.



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UNITED STATES PATENT OFFICE.

MARTIN THOENI, OF MONTICELLO, IOWA, ASSIGNOR OF ONE-THIRD TO DANIEL L. DAVIS, OF SAME PLACE.

COMBINED BAND-COUPLING AND HANDLE FOR CANS.

SPECIFICATION forming part of Letters Patent No. 459,716, dated September 15, 1891.

Application filed April 23, 1891. Serial No. 390,188. (No model.)

To all whom it may concern:

Be it known that I, MARTIN THOENI, a citizen of the United States of America, residing at Monticello, in the county of Jones and State of Iowa, have invented certain new and useful Improvements in a Combined Band-Coupling and Handle for Cans; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in a combined band-coupling and handle for cans.

The object of the invention is to provide an improved means for coupling the bands of such metal vessels as milk-cans, ash-receivers, &c., by the same device which is used for connecting the handles thereto; and the invention consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a side view showing my improved band-coupling and handle attachment applied to a metal receptacle. Fig. 2 is a perspective view showing the parts separated.

A refers to a metallic vessel, which is provided at a suitable point with a band B, which encircles said receptacle. This band is attached at one end to a band-coupling and handle-receiving plate C by means of rivets *d d*, which pass through the end of the band and engage perforations in the coupling and handle-receiving plate. The opposite end of the coupling and handle-receiving plate is provided with longitudinal slots *e e*, and the end of the band which lies under this portion of the coupling has fixed rivets *e'*, which are adapted to enter the slots *e* when the parts are brought together. The end of the band carrying the fixed rivets *e'* is also provided with an aperture or opening *f*, which is on a line with the outwardly-projecting central portion D of the band-coupling and handle-receiving plate. Adjacent to this outwardly-projecting portion the plate C is struck up to receive the ends of the handle.

In applying this device to a metallic vessel a band-tightener of suitable construction is used, the same having suitably-constructed ends, which are adapted to engage with the raised apertured portion D of the plate C, while the other end engages with a perforation *f* in the end of the band, the opposite end of the band having been previously secured to the plate C by the rivets *d*. The band is placed under the plate C, so that the rivets *e'* will project through the slots *e*, and by means of the band-tightener the parts are drawn together and tightened around the can. When this has been done, the rivets are upset, thus holding the band securely in place and obviating the necessity of puncturing the body of the vessel.

As heretofore practiced, the plates have been secured to the body of the vessel by ordinary rivets either above or below the bands, which is especially objectionable in milk-cans and like vessels where they have to be frequently handled. Moreover, the construction shown is cheap and simple, and the handle-receiving plates are caused to do double service. The joints in the bands will also be covered by said plate.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In combination with the band B, a combined handle and coupling-plate C, attached at one end to the band, said band being provided adjacent to its other end with rivets adapted to engage with slots in the plate C, substantially as shown, so as to locate the joint in the band beneath the plate C.

2. In combination with a handle, a band secured at one end to a handle-receiving plate, the opposite end of the band having fixed rivets *e'*, the handle-receiving plate having slots *e e* to engage the fixed rivets, and a central outwardly-projecting apertured por-

tion D and raised portions with which the ends of the handle engage, substantially as set forth.

3. A band B, rigidly secured at one end to a handle-retaining and coupling plate having a central projecting and apertured portion D and slots *e e*, the free end of the band carrying fixed rivets *e'* and an aperture *f*, substantially as shown, and for the purpose set forth.

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

MARTIN THOENI.

Witnesses:

HIRAM LEE,

WILLIAM T. ROHN.