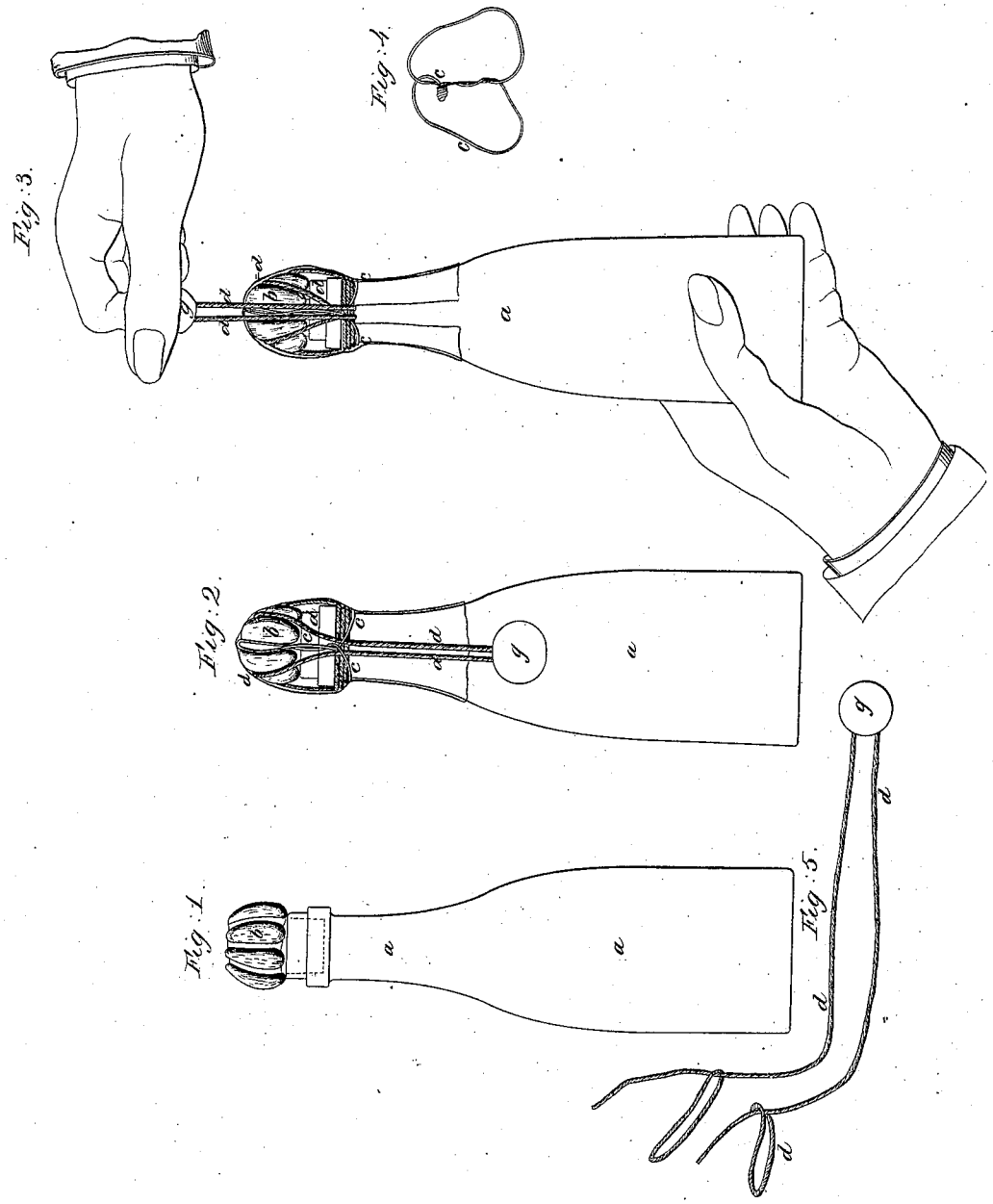
G. Bousiques,

Stopper Fastener,

No. 53,090. Patented Mar. 6, 1866.



Witnesses,
Jos. C. Stevens
Tho. Bailey

Inventor
Gustave Bousiques du Hay
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his atty

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UNITED STATES PATENT OFFICE.

GUSTAVE BOUSIGUES, (CALLED BLEY,) OF RHEIMS, FRANCE.

IMPROVED METHOD OF FASTENING CORKS IN BOTTLES, &c.

Specification forming part of Letters Patent No. **53,090**, dated March 6, 1866.

To all whom it may concern:

Be it known that I, GUSTAVE BOUSIGUES, (called BLEY,) of Rheims, in the Empire of France, have invented a new and useful Method of Fastening Stopping-Corks for Liquids; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and letters of reference marked thereon.

My invention relates to a new method of fastening stopping-corks for liquids, by means of which the twine and wire which bind the corks may be removed without difficulty or consumption of time.

It consists in passing the pieces of twine which bind the cork under the iron wire in such manner that the cork can be freed from the twine and wire by pulling upward the two ends of twine, which extend down the neck below the tin-foil, where they are united by a plate or disk of lead or other metal.

This method is intended for use, principally, in corking sparkling wines, but it can be employed as well with any fermented liquid the corking of which requires the use of wire and twine.

In opening a bottle corked in the ordinary manner much time is usually consumed in cutting and twisting off with a knife or corkscrew the wire and cord which bind the cork to the bottle.

The advantage possessed by my method is that while the bottle is just as securely corked as it can be by any other method it can be uncorked with perfect ease by the hand alone without the aid or intervention of any instrument.

To enable others skilled in the art to understand and use my invention, I will now proceed to describe its operation as shown in the accompanying drawings.

Figure 1 represents a bottle, *a*, with its cork stopper *b*. Fig. 2 represents a bottle, *a*, the cork stopper *b* of which is held firmly in place by iron wire *c* and by two pieces of twine, the ends of which extend downward a little lower than the tin-foil *f*, and are bound together by a disk of metal, *g*, formed of lead or other suitable metal, serving as a handle by means of which the twine and wire are pulled off the cork. Fig. 3 represents the bottle at the moment when the hand has raised the lead *g* and by an upward pull is about to disengage both the wire and twine from the cork. By pulling in this manner the wire will be lifted off the cork, as seen in Fig. 4, and likewise the twine, as seen in Fig. 5. The bottle stripped of the twine and wire will then appear as shown in Fig. 1.

In fastening the cork to the bottle two pieces of twine and a piece of wire are used. When the first piece of twine has been tightly drawn over the cork and secured under the rim or flange on the neck of the bottle, instead of cutting off both ends of the piece close up to the cork the end which is held in the right hand of the operator should be cut so as to be between two and three inches in length. The other end may be cut off short. The same should be done after the other piece of twine has been fastened, so that one of its ends may be of equal length with that of the first piece. These two ends hang on opposite sides of the bottle, and are kept in place by the lips on the cork produced by the pressure of the twine. They are then brought together at the point near the flange of the neck of the bottle, where the wire is twisted, as shown in the accompanying drawings, and are passed under the wire in the manner represented, so as to enable any one, by an upward pull on the ends of the twine, to remove the wire, and by continuing the pull to disengage the twine from the cork.

Care should be taken not to twist the wire more than once at the point where it meets the two pieces of twine, which point is situated just under the flange on the neck of the bottle. The twisted parts of the wire, after being carried on top of the cork to the point of intersection of the two pieces of twine, should be firmly and carefully twisted together.

What I claim as my invention, and desire to secure by Letters Patent, is—

The method herein described of fastening stopping-corks for liquids, whereby the twine and wire fastenings can be removed by the hand without the aid or intervention of any instrument, as set forth.

In testimony whereof I have signed my name to this specification before two subscribing witnesses.

GUSTAVE BOUSIGUES (DIO BLEY.)

Witnesses:

A. TRAUSTROEM,

E. SHERMAN GOULD.