

H. Unger.

Bottle Corking Mach.

N^o 87,732.

Patented Mar. 9, 1869.

Fig. 1.

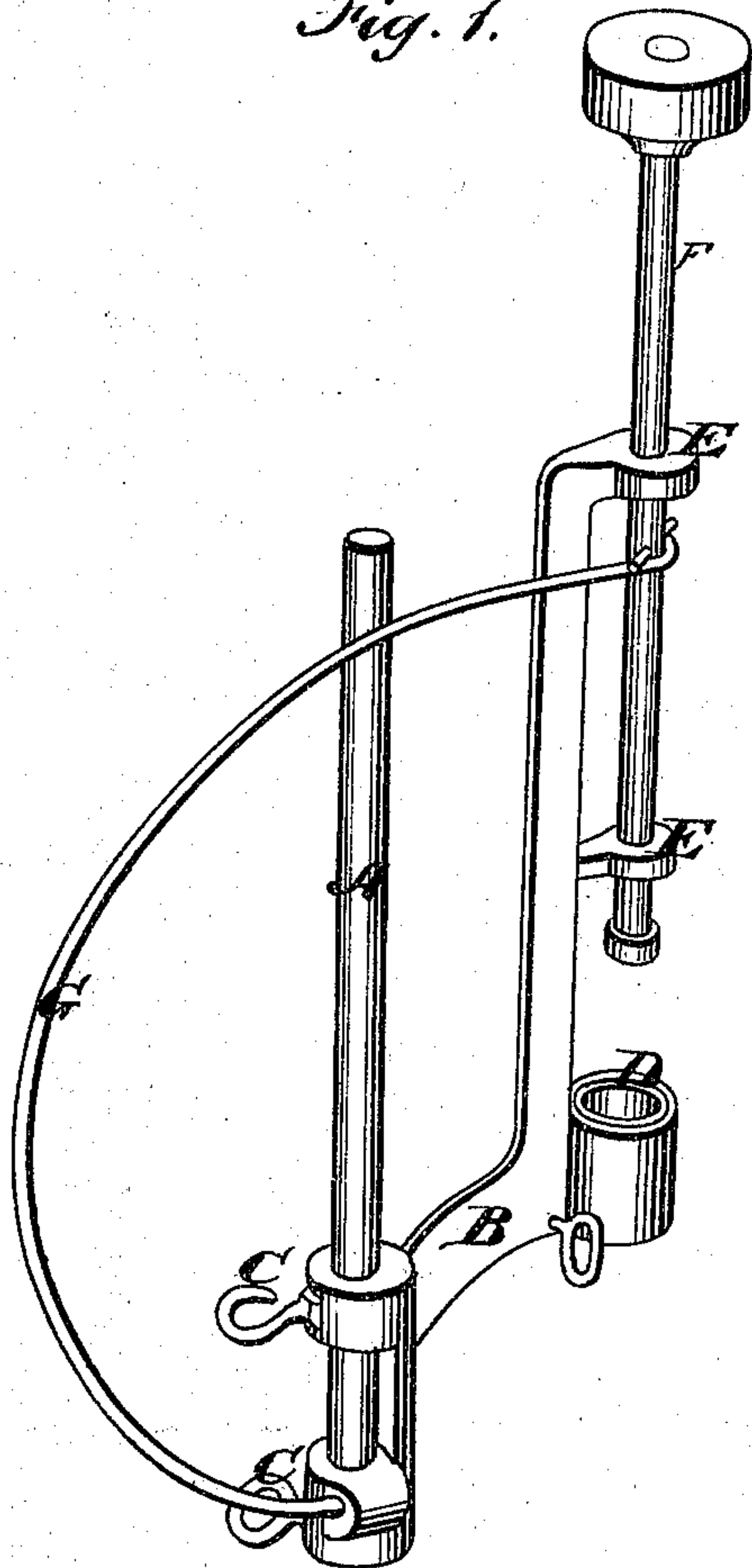


Fig. 2.

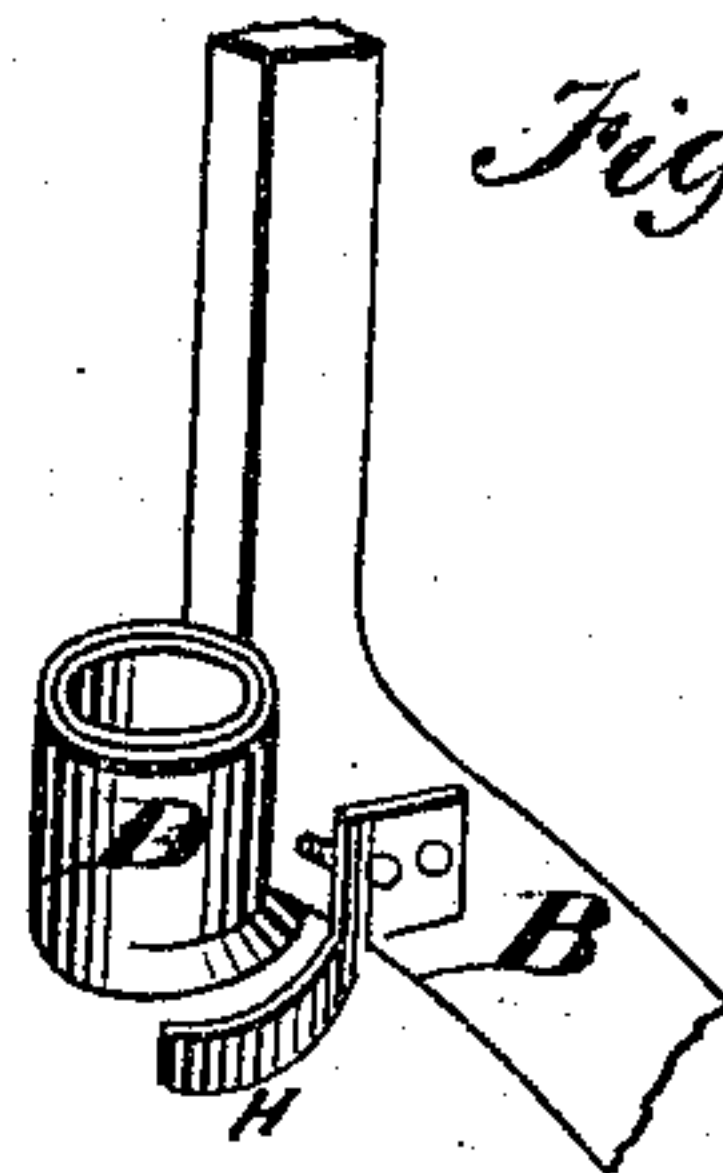


Fig. 3.

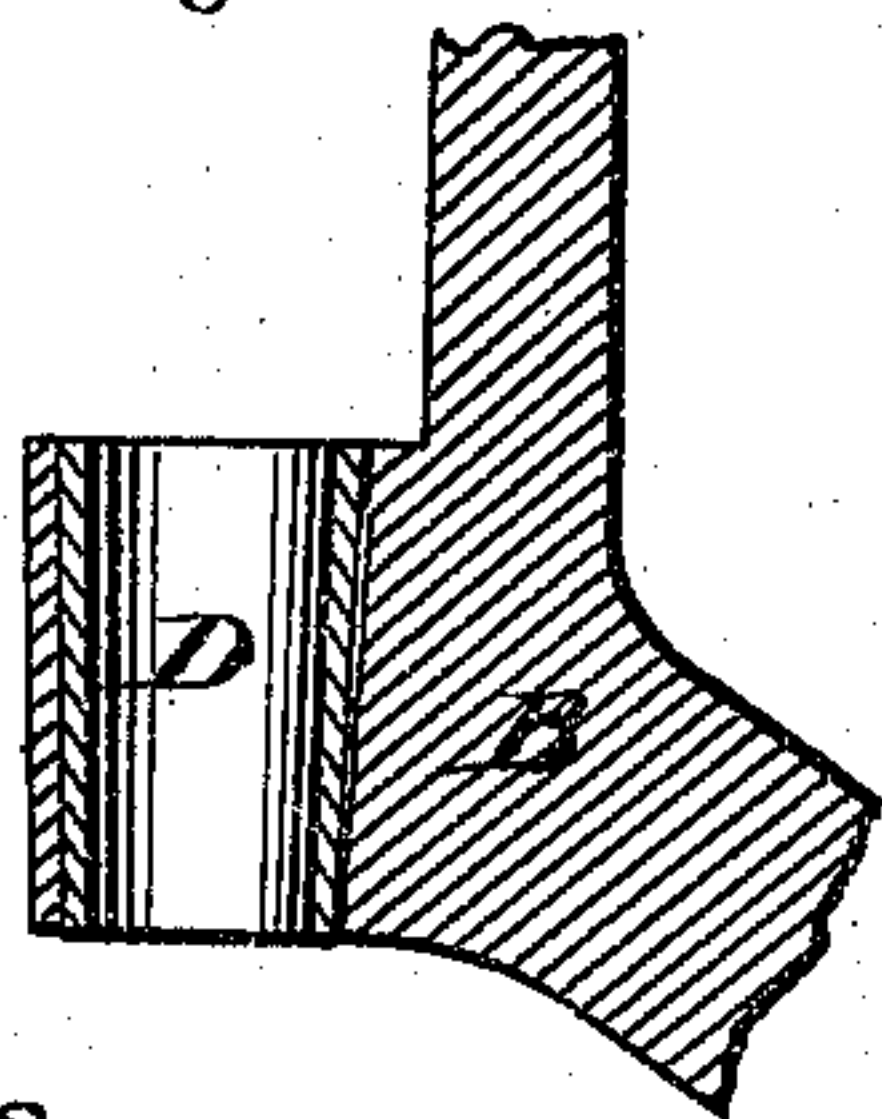


Fig. 4.

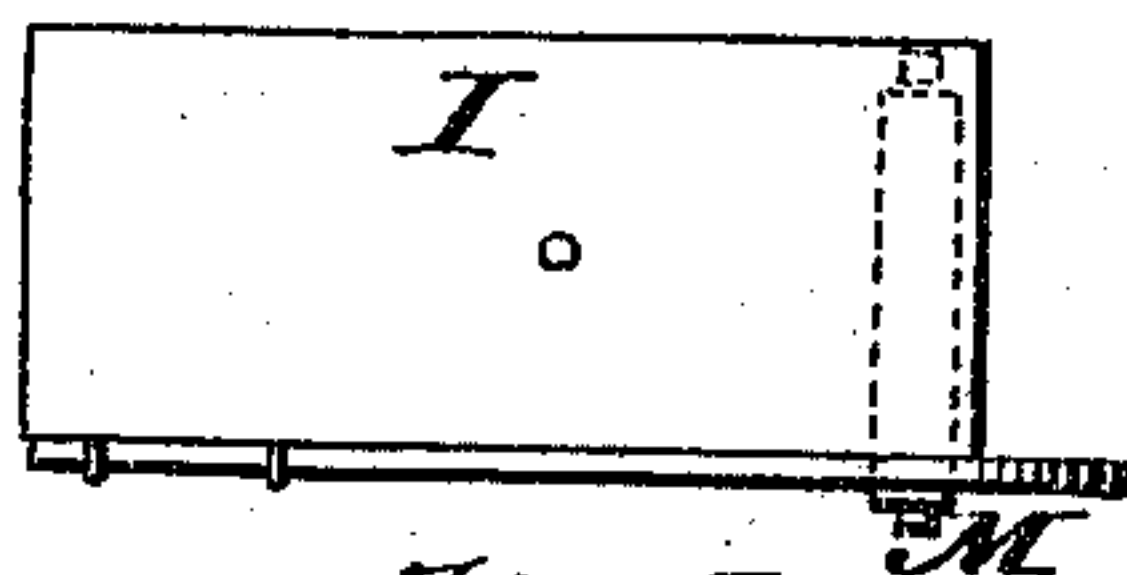
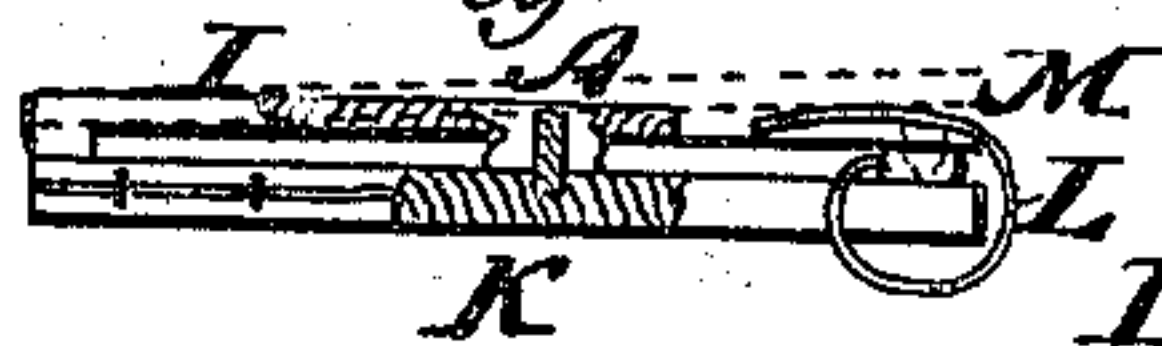


Fig. 5.



Witnesses.

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HIRAM UNGER, OF LOGANSFORT, INDIANA.

Letters Patent No. 87,732, dated March 9, 1869.

IMPROVEMENT IN BOTTLE-CORKING APPARATUS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, HIRAM UNGER, of Logansport, in the county of Cass, and State of Indiana, have invented a new and useful Improvement in Apparatus for Corking Bottles; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a perspective view.

Figure 2 is a perspective view of a part of the mechanism.

Figure 3 is a vertical section of the cork-socket.

Figure 4, a plan of the adjustable base, and

Figure 5 is a vertical section of the same.

The same letters are employed in all of the figures in the designation of parts which are identical.

A is a vertical rod, projecting from a table or other support.

On this rod is placed the adjustable bracket B, attached to the rod by set-screws, C, attached to the eyes through which the rod passes.

D is a socket, to hold the cork. It is made tapering, to conform to the shape of the cork, and attached to the bracket B, so as to stand vertically.

E E are eyes, forming guides for the reciprocating plunger F, which plays vertically over the socket D, into which it may be forced by pressure applied to the upper end.

G is a spring, extending from the bracket, and attached to the reciprocating plunger F, its tension being sufficient to raise the latter.

H is an adjustable guide, attached to the socket, so as to receive the end of the neck of the bottle, and hold it in such position on the table, that the neck will

be in place to receive the cork, when pressed out of the socket by the plunger.

On the inside of the socket D, I add an adjustable lining, D', shown in fig. 3. This may be formed by one of a series of thimbles, of various internal diameters, so as to receive corks of different sizes.

That the bottles may be more readily adjusted to the socket, when there are slight differences in the sizes of bottles, I construct the stand I, through which passes the rod A.

This stand has a vertical reciprocating movement, being regulated by the oval or eccentric bearing M, which supports it, so that, by turning the latter, the platform I will be elevated or depressed.

L is a spring, acting on the bearing I, to return it to its normal position, when relieved from pressure on the lever by which it is actuated.

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

1. The combination and arrangement of the rod A, adjustable bracket B, and set-screws C, plunger F, spring G, and adjustable guide H, substantially as and for the purpose set forth.

2. The combination and arrangement of the vertical rod A, the adjustable bracket B, and plunger F, with the adjustable platform I for supporting the bottles, substantially in the manner and for the purpose set forth.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

Witnesses:

D. C. ELLIOTT,
JAMES KINNEY.

HIRAM UNGER.