

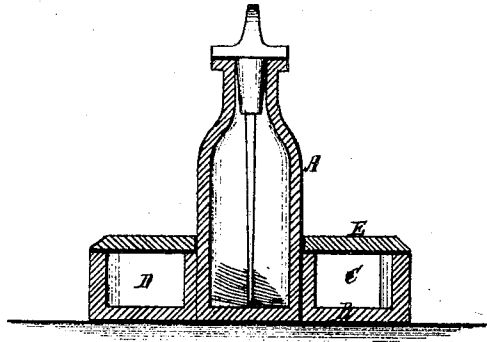
*M. D. Kelly,*

*Soldering Kit.*

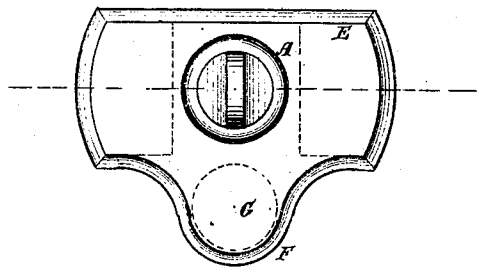
*No. 105219.*

*Patented July 12. 1870.*

*Fig. 1.*



*Fig. 2.*



**Witnesses:**

*A. Beyerschenhoff*  
*E. J. Mabee*

**Inventor:**

*M. D. Kelly*

PER

*Mmm Co*  
**Attorneys.**

# United States Patent Office.

MICHAEL D. KELLY, OF CADIZ, KENTUCKY.

Letters Patent No. 105,219, dated July 12, 1870.

## IMPROVEMENT IN SOLDERING-KIT.

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, MICHAEL D. KELLY, of Cadiz, in the county of Trigg and State of Kentucky, have invented a new and improved Solder-Kit; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and improved solder-holding apparatus, and consists in a glass bottle for holding the acids and other substances used by watch-makers for fluxes, and one or more boxes for holding the solder, so combined in one apparatus that the broad box for the solder serves for a stand and support for the bottle, to prevent it from being upset, as is now frequently the case.

Figure 1 represents a sectional elevation of my improved soldering-kit, and

Figure 2 represents a plan view of the same.

Similar letters of reference indicate corresponding parts.

It is necessary, owing to the nature of the acids used for fluxes, or for preparing the surfaces of the metals for soldering, in watch-making or repairing, to keep them in glass bottles, which are commonly formed so that they upset easily, and are often lost; the bottles are also often broken by falling over upon hard substances, or rolling off the bench.

I propose, therefore, as a means of preserving the bottles, and also for keeping the acids and solder to-

gether for convenience when they are required for use, to provide these bottles A with broad flat stands, of circular or other form, and, preferably, also of glass, with cavities or recesses to hold the solder, so that the acid and solder will always be together when wanted, and the bottle will be prevented from tipping over.

While I propose to employ stands or boxes B in any form, I prefer to use the oblong form, represented in the drawing, with a lateral projection, F, on one side, which furnishes suitable space for two or more cavities, C, D, and G, one of which may be used for soft and another for hard solder, and to provide a cover, E, which shall revolve on the bottle for opening and closing.

The bottle A and base B may be either made in one piece, or in two pieces and cemented together.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The solder-kit, consisting of the bottle A and stand B, the latter provided with the revolving cover E, with receptacles or chambers for the solder, and with a circular opening for said bottle, all arranged substantially as shown and described.

The above specification of my invention signed by me this 7th day of April, 1870.

MICHAEL D. KELLY.

Witnesses:

GEO. W. MABEE.

L. S. MABEE.