

(No Model.)

C. M. MUFFLY.
KEY HOLDER.

No. 605,584.

Patented June 14, 1898.

Fig. 1.

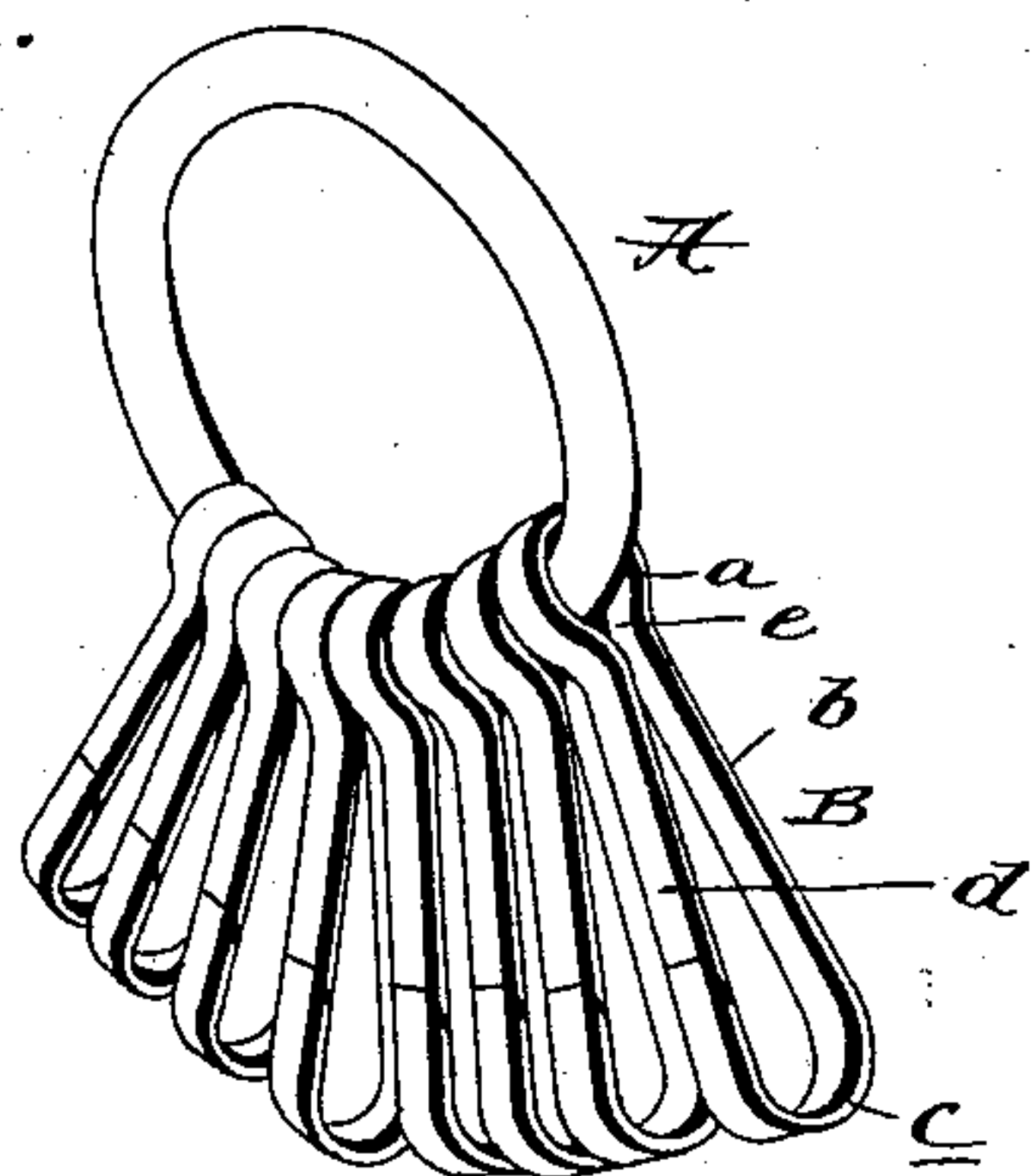
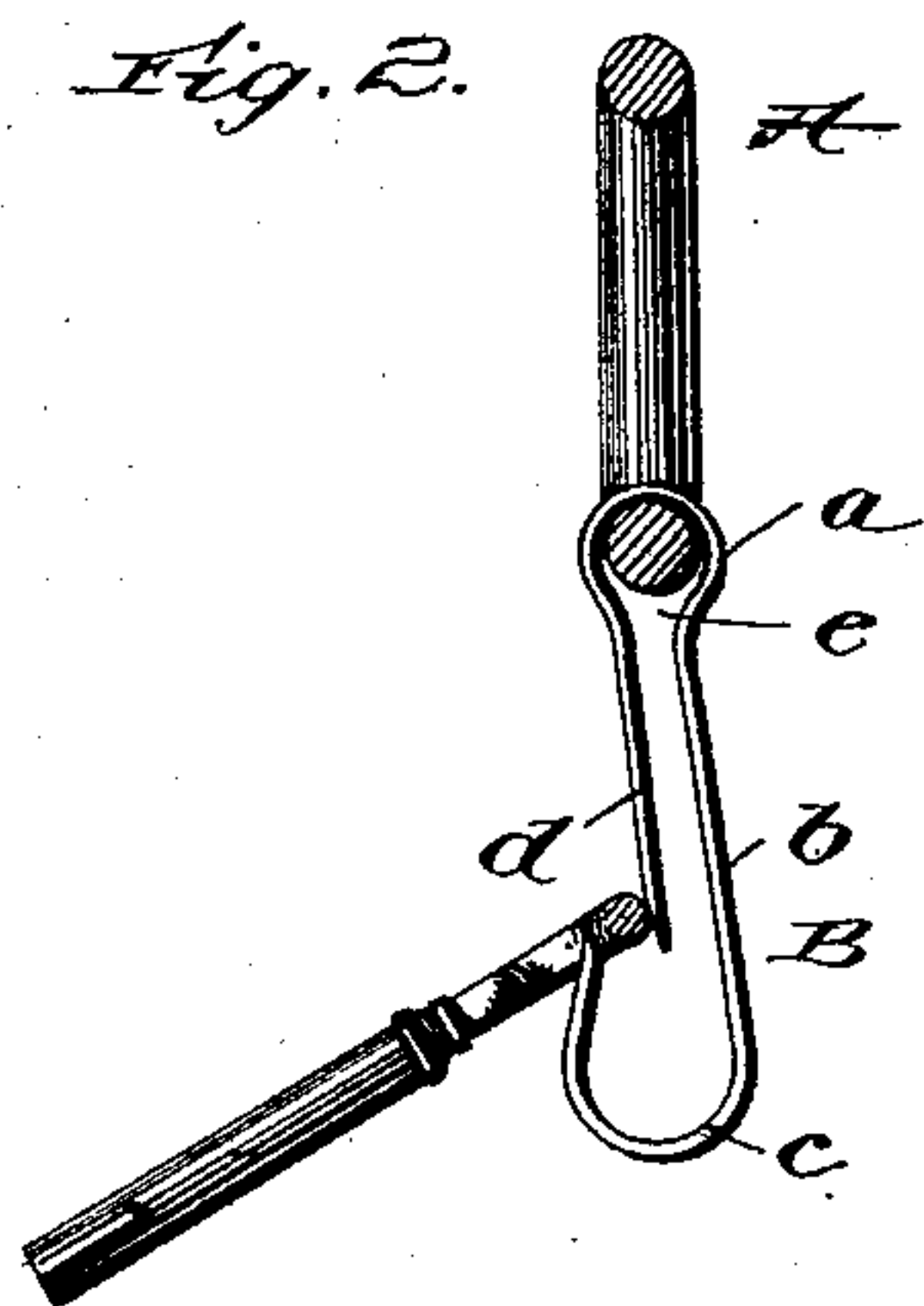


Fig. 2.



witnesses:

Chas. J. Gaudes
Jessie B. Moorey

Inventor

C. M. Muffly
By *James J. Sheehy*
Attorney

UNITED STATES PATENT OFFICE.

CLARENCE M. MUFFLY, OF HOWARD, PENNSYLVANIA.

KEY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 605,584, dated June 14, 1898.

Application filed November 15, 1897. Serial No. 658,598. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE M. MUFFLY, a citizen of the United States, residing at Howard, in the county of Centre and State of Pennsylvania, have invented certain new and useful Improvements in Key-Holders; and I do 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.

My invention relates to that kind of key-holders which, generically speaking, comprise a body and key-engaging devices connected to and movable in a circular direction upon the body; and its novelty and advantages will be fully understood from the following description and claim when taken in conjunction with the annexed drawings, in which—

Figure 1 is a perspective view of my improved key-holder; and Fig. 2 is a view, partly in section and partly in elevation, illustrating the manner in which a key is connected to the holder.

Referring by letter to the said drawings, A designates the annular body or annulus of my improved key-holder, which is unobstructed throughout and may be and preferably is formed of a piece of wire of suitable length and caliber, bent into circular form, with its ends brazed or otherwise connected, as shown, and B designates a plurality of snap-hooks, each of which is designed to engage a key and connect the same with the annular body and is so constructed that while a key may be quickly and easily engaged and disengaged when desired there is absolutely no liability of it being casually disconnected. The said hooks B have eyes *a* at their inner ends receiving the annular body or annulus A, and they therefore cannot be disconnected from said body and lost, nor can they move endwise on the same and cause the keys to become entangled. While this is so, it will be observed that the hooks B are free to move entirely around upon the annular body and that therefore the hooks of the idle keys may be pushed ahead of the hook of the particu-

lar key to be employed and are free to assemble at the bottom of the annular body, where they will be out of the way and will not interfere with the manipulation of such particular key.

The annular body or annulus A is preferably formed in the manner before described for the sake of cheapness, and for the same reason the hooks B are by preference respectively made of a single strip of resilient metal. In making each hook the strip of metal is bent to form the shank *b* with the hook *c* at one end and the eye *a* at its opposite end, which eye terminates in a tongue *d*, adapted to normally impinge against the end of the hook *c*, as shown. The said strip of metal forming the hook is also bent, as shown, so as to form the contraction *e* and thereby prevent the annular body or annulus from leaving the eye *a*.

The keys being connected to the snap-hooks B and said hooks being connected to the annular body A in the manner described, the said body may be made very small in diameter, which contributes to the cheapness of the holder and at the same time renders it less cumbersome than if a ring of large diameter were employed.

It will be appreciated from the foregoing that my improved key-holder is very cheap, simple, and compact and that while it permits of the keys being readily connected and disconnected when desired there is no liability of any of the keys being casually disconnected and lost. It will also be appreciated that the construction of the key-holder is such that any one of the keys thereon may be freely manipulated without interference from the other keys or the hooks holding the same; also, that keys may be readily connected to and disconnected from the snap-hooks when desired without the necessity of disconnecting said hooks from the annular body.

Having thus described my invention, what I claim is—

The herein-described key-holder consisting essentially of the annular body or annulus A

formed by bending a piece of wire into circular form with its ends connected together, and the plurality of snap-hooks B each formed by a single strip of resilient metal bent to
5 form an eye at one end receiving the annular body or annulus A whereby they are permanently connected to the annular body and while held against endwise movement on said

annular body are free to move entirely around upon the same, substantially as specified. 10

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

CLARENCE M. MUFFLY.

Witnesses:

MARTIN L. HORN,

A. C. VANDERBURGH.