V. DAVIS.

KEY RING.

APPLICATION FILED SEPT. 30, 1918.

1,333,655. Patented Mar. 16, 1920.

Fig. 1.

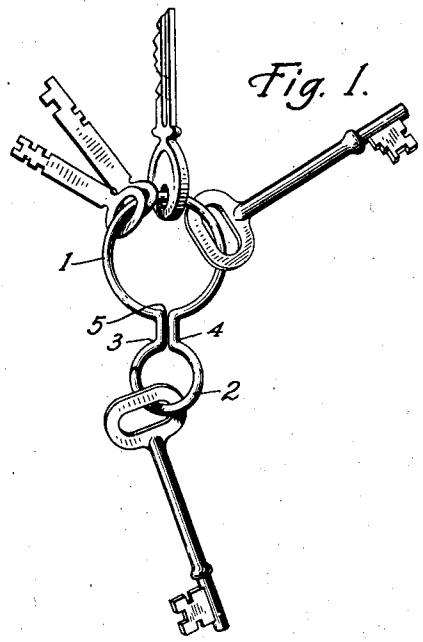


Fig. 2.

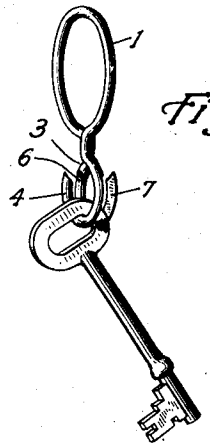
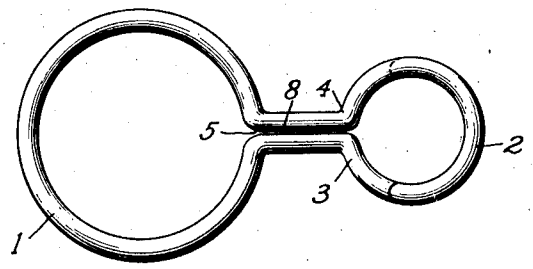


Fig. 3.



Inventor
Virginia Davis

By her Attorney
James H. Griffin

UNITED STATES PATENT OFFICE.

VIRGINIA DAVIS, OF NEW YORK, N. Y.

KEY-RING.

1,333,655. Specification of Letters Patent. Patented Mar. 16, 1920.

Application filed September 30, 1918. Serial No. 256,161.

To all whom it may concern:

Be it known that I, VIRGINIA DAVIS, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Key-Rings, of which the following is a specification.

This invention is an improvement in key rings of that type on which a bunch of keys may be carried, but which embody supplemental means for separately carrying one or more keys which it is desired to have quickly accessible, such as a night key.

With the foregoing object in view, the invention, from a structural standpoint, and in its preferred form, embodies a main, plain ring of wire, each end of which is extended, from the junction ends of the ring, to jointly form a supplemental ring, each of said ends being curved into an arc of substantially 270 degrees and flattened, for the greater part of its length, into a half round so as to be brought into lapping relation with the other end, thus maintaining the material of the supplemental ring in round, cross sectional area.

Features of the invention, other than those specified, will be apparent from the hereinafter detailed description, taken in conjunction with the accompanying drawings.

In the accompanying drawings, I have illustrated one practical form of the invention, but the construction shown therein is to be understood as illustrative only and not as defining the limits of the invention.

Referring to the drawing,

Figure 1 is a perspective view of the invention, showing a plurality of keys mounted on the main ring, and a single key secured to the supplemental ring;

Fig. 2 is a perspective view, showing the manner of inserting a key into the small ring; and

Fig. 3 shows a plan view of the ring separate from the keys.

Referring to the drawing, the main ring is designated 1 and the supplemental ring 2. The material from which the device is constructed is preferably wire, round in cross section, and as wire can be readily and economically manipulated by continuously operating machinery, it enables the key ring of the present invention, composed as it is of a single piece of wire, to be manufactured in large quantities, out of material of relatively low cost, and at a mimimum cost for labor.

The ends, 3, 4 of the wire, extending from the parting point 5 of the main ring, are each preferably curved, as shown, into an arc of substantially 270 degrees, although the exact extent of the curve is not necessarily of importance, and the inner face 6 of end wire 3 is flattened for a substantial portion of its length, and the juxtaposed face 7 of end wire 4 is similarly flattened, see Fig. 2. The parts may thereby be brought into lapping relation and thus form a split ring which, preferably, is circular in cross section, thereby maintaining the symmetrical appearance of the material in both the main and supplemental rings.

The shank 8 between the rings may be of any desired length, though it is preferably no longer than is necessary or desirable to permit of the ends being bent to form the supplemental ring 2.

The manner of inserting keys in the ring is clearly apparent from Fig. 2, and this is accomplished so easily and expeditiously as to be a very important advantage in the present ring over those heretofore constructed. One simply takes the device in one hand and with the thumb and finger, simply presses the leaves of the supplemental ring apart, whereupon a key may be readily inserted into the ring, and thereafter, if desired, passed through the shank on to the main ring.

It will be understood that the term ring as used herein is not restricted to the conventional, round ring, but is intended to include any desired shape or configuration which will perform the functions of a round ring.

It will be understood that slight, or formal changes may be made in the specific structure herein described without departing from the spirit or substance of the invention, the scope of which is commensurate with the appended claim.

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

As a new article of manufacture, a key

ring formed from a continuous piece of wire and embodying a pair of loops one of which is split to allow of the positioning of a key thereon, and said loops being connected by a shank embodying parallel portions of the wire normally maintained in engagement with one another by the resiliency of one of the loops but adapted to be sprung apart to allow of the passage of a key from the split loop through the shank and into the other loop.

In testimony whereof I have signed my name to this specification.

VIRGINIA DAVIS