

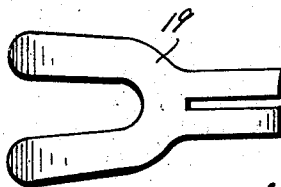
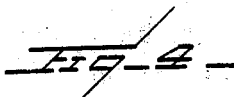
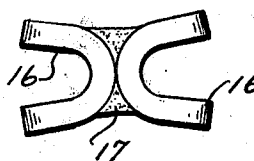
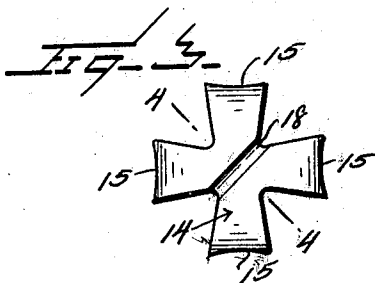
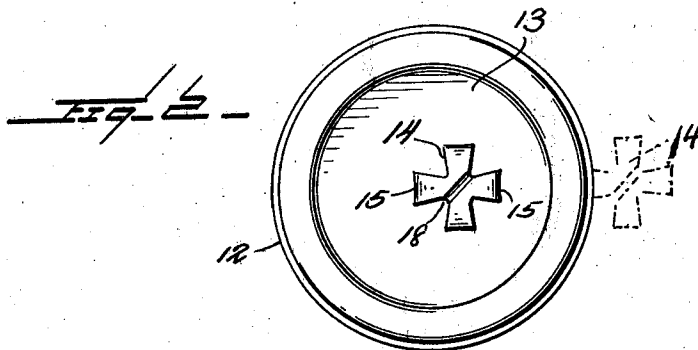
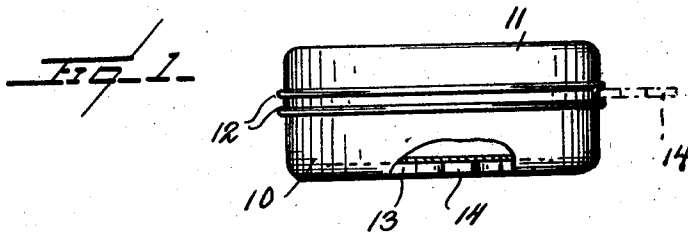
July 1, 1930.

J. J. BYBERG

1,769,415

MAGNETIC KEY FOR OPENING SHOE POLISH BOXES

Filed June 28, 1928



Inventor

J. J. Byberg

By

Watson E. Coleman

Attorney

UNITED STATES PATENT OFFICE

JONAS J. BYBERG, OF SILVERTON, OREGON

MAGNETIC KEY FOR OPENING SHOE-POLISH BOXES

Application filed June 28, 1928. Serial No. 288,869.

This invention relates to those boxes containing shoe polish or other materials in which the lid is pried away from the body of the box by means of a key inserted between the edge of the lid and the edge of the body and turned to lift up on the lid.

The object of this invention is to provide a magnetic key which will adhere magnetically to the box thus permitting the key to always be kept with the box.

My invention is illustrated in the accompanying drawings in which—

Fig. 1 is a side elevation of a metal box partly broken away showing the location of the opener;

Fig. 2 is an underside plan view of the box, showing in dotted lines the position of the opener to open the box;

Fig. 3 is a plan view of one form of opener;

Fig. 4 is a section on the line 4—4 of Fig. 3;

Fig. 5 is a plan view of another form of opener; and

Fig. 6 is a plan view of still another form of opener.

Referring to these drawings, 10 designates the body of a metal box such as is used to contain shoe polish and the like and 11 indicates the cover or lid of the box. The lid fits over the margin or rim of the body 10 and the lid and body are formed with opposed beads 12.

As illustrated, the bottom of the box is formed with a recess or depression 13. For the purpose of opening the box I provide a key designated generally 14 which, in Fig. 2 is shown as having the general form of a Maltese cross and which is constructed so as to provide an end portion of edge 15 adapted to be inserted between the beads 12 and the key then rotated upon its axis to pry open the box. This key is made of magnetic material and it will be seen that the key really constitutes two horse-shoe shaped magnets joined together back to back. In Fig. 5, I show such a key formed of two separate horse-shoe magnets 16 joined at their closed ends by brazing or soldering 17. Preferably, the magnet 14 will be cut out or grooved as at 18 so that only the poles will come in contact with the box. The key 19 shown in Fig. 6, is formed with two wings and two paral-

lel key shanks separated from each other to provide two poles. This key 19 is also in the form of a double horse-shoe magnet and will also stick closely to metal surfaces because of the fact that it has poles at each end. The magnet, whatever its form, has a thickness equal to the depth of the depression 13 so that when the magnet is in the space in this depressed portion, it will not project beyond the bottom of the box and will not be knocked loose when the box is placed upon a shelf. Obviously this depression might be made in other parts of the box, but preferably it will be made in the bottom of the box as thus the key is protected from dislodgment when the box is in use.

While I have illustrated three forms of keys, all of which are provided with opposite poles, I do not wish to be limited to this as the key might have some other form without departing from the spirit of the invention, provided the form of key is such as to cause it to lie flat against the box.

Having described my invention, what I claim is—

1. As an article of manufacture, a key for use with metal boxes having a bottom and a lid, the key having an edge portion adapted to be inserted between the bottom and the lid to pry open the latter, the key having the form of a horse-shoe magnet.

2. The combination with a box having a bottom and a lid, of a key for prying the lid from the body of the box, the key being magnetized to be held flat against the box, and the box being formed with a depressed portion within which the key is normally disposed, the key being of no greater thickness than the depth of the depression.

3. The combination with a box having a bottom and a lid, of a key for prying the lid from the body of the box, the key being magnetized to be held flat against the box, a portion of the box having a depressed portion of no less depth than the thickness of the key, and within which the key is normally supported.

In testimony whereof I hereunto affix my signature.

JONAS J. BYBERG.