(No Model.)

H. N. SICKLER.

DEVICE FOR HOLDING BLACKING AND SHOE BRUSHES.

No. 442,690. Patented Dec. 16, 1890.

Fig.1.

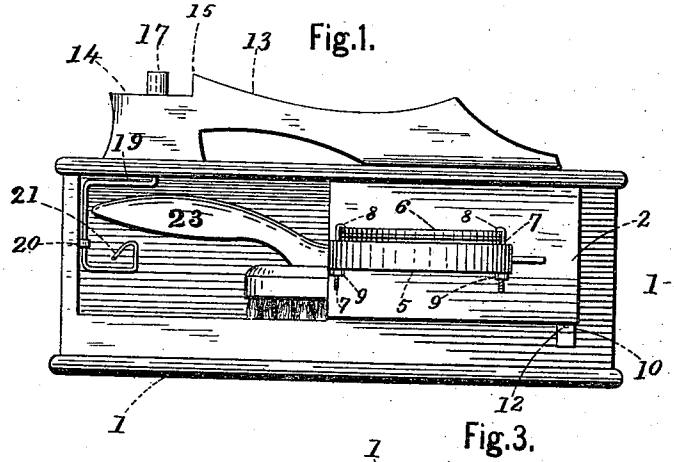


Fig.2.

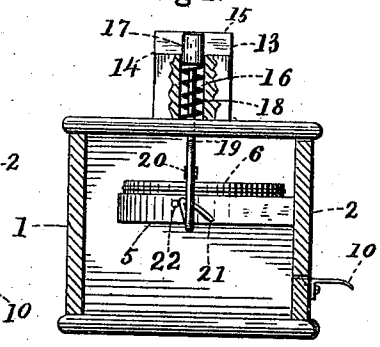


Fig.3.

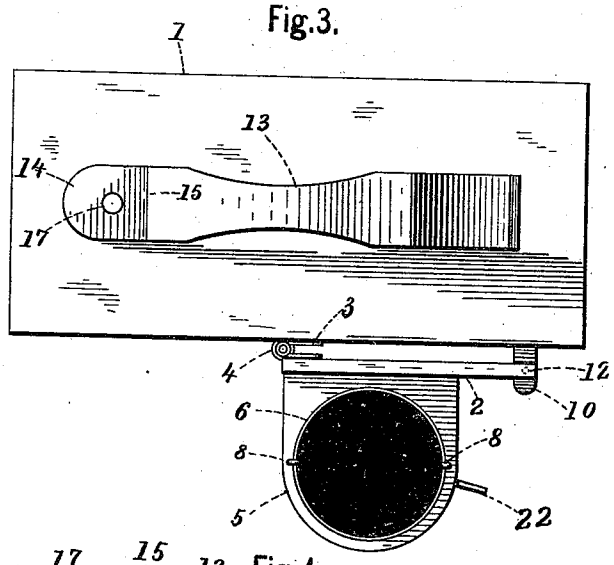
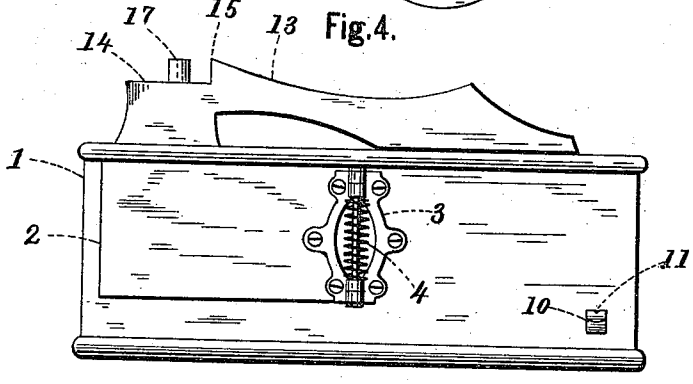


Fig.4.



Witnesses.
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UNITED STATES PATENT OFFICE.

HARLEY N. SICKLER, OF BUFFALO, NEW YORK.

DEVICE FOR HOLDING BLACKING AND SHOE-BRUSHES.

SPECIFICATION forming part of Letters Patent No. 442,690, dated December 16, 1890.

Application filed September 4, 1890. Serial No. 363,897. (No model.)

To all whom it may concern:

Be it known that I, HARLEY N. SICKLER, a citizen of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Devices for Holding Blacking and Shoe-Brushes, of which the following is a specification.

My invention consists in a new and improved device for holding blacking and shoe-brushes or for other similar purposes, all of which will be fully and clearly hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of the device complete, showing the door open so as to expose the interior construction. Fig. 2 is a sectional rear end elevation showing the door closed and secured. Fig. 3 is a top plan view showing the door open and the blacking-box in position for use. Fig. 4 is a side elevation showing the door closed, so as to expose the spring-hinge.

The object of my invention is to produce a box for holding a blacking-brush and a box of blacking, having a door that will spring open when the foot is placed upon it, so that the brush may be easily got at and removed, and also to expose the blacking in a position convenient for use.

In said drawings, 1 represents the box. It is preferably made of wood and firmly secured together in the usual way. The door 2 is secured by a spring-hinge 3, the spring 4 of which forces the door open quickly when released from its fastening device. This hinge 3 is made in any well-known way, so as to cause the door to spring open when free, the spiral spring 4 being preferred; but any suitable well-known spring may be used.

To the door 2 is rigidly secured a shelf 5, to which a box 6 containing shoe-blacking is placed and secured by the clamping-bars 7. (See Fig. 1, also Fig. 3.) These clamping-bars 7 catch or hook over the top of the blacking-box by their hook portions 8, and the projecting portions 7 pass through the shelf 5, and are then secured by the nuts 9.

To the side of the box near the end of the lower part of the door is secured a spring 10, projecting outward and having its end bent slightly downward, so that the door when opening will pass over it. In this spring 10 is a small hole 11, (see Fig. 4,) and at the bottom edge of the door is a small downwardly-projecting pin 12. (See Fig. 1, and also Fig. 3, where this pin is shown in dotted lines.) This pin 12 as the door flies open forces the spring 10 slightly downward while passing over it, until it comes directly over the hole 11, when the spring moves up and secures it. To release it, all that is necessary to do is to press the spring down by the fingers.

At the top of the box is a foot rest or support 13, and at the rear of the foot-rest is a depression 14, which leaves the shoulder 15, both acting as a rest or support. Vertically down through the heel portion is a hole 16, (better shown in the section in Fig. 2,) into which rests a bolt 17 on the spiral spring 18. From the bottom of the bolt 17 is a rod 19 of smaller diameter, passing down within the spring 18 and through the top of the box, where it is secured by a holding-piece 20. (See Figs. 1 and 2.) The end of this bar is then bent so as to form the catch 21, over which the pin 22 on the shelf 5 passes, forcing the catch slightly downward as it does so, while the door is being closed until it passes over the heel or back portion of the catch, when it (the catch) is immediately brought up again by the spring 18, thereby holding the door shut, the pin being in the position shown in Fig. 2. In using this device the foot is placed on the foot-rest, the heel forcing the bolt 17 down, which operation forces the catch 21 down below the pin 22, and thereby releases the door, which is then instantly opened by the spring 4 and secured, as hereinbefore mentioned.

The catch 21, instead of being made of a small rod or heavy wire bent into the required shape, as shown, may be made of cast iron or other suitable material in the proper form to make a catch acting in a similar manner to receive and hold the pin 22.

In using this device the brush 23 (shown in Fig. 1) is put in first, and the door is then closed, as above described.

I claim as my invention—

1. A device for holding shoe-blacking and brushes, provided with a foot-rest having a spring-bolt in the heel-rest, kept up to its nor-

mal position by a spring, and having a catch extending down into the interior of the box, in combination with a hinged door provided with a shelf having a pin adapted to be caught and held by the catch when the door is closed, and a spring on the hinge upon which the door is hung for forcing it open when released, substantially as described.

2. In a device for holding shoe-blacking and brushes, the combination of a box, a foot-rest on the box, a bolt mounted on the foot-rest and kept up to its normal position by a spring, a bar projecting down from said bolt and terminating in a catch within the box, a door mounted on a spring-hinge adapted to force the door open when free, a holding-pin secured to the shelf projecting from the inner side of the door, over which the catch springs when the door is shut, and a spring for securing and holding the door when open, substantially as described.

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