

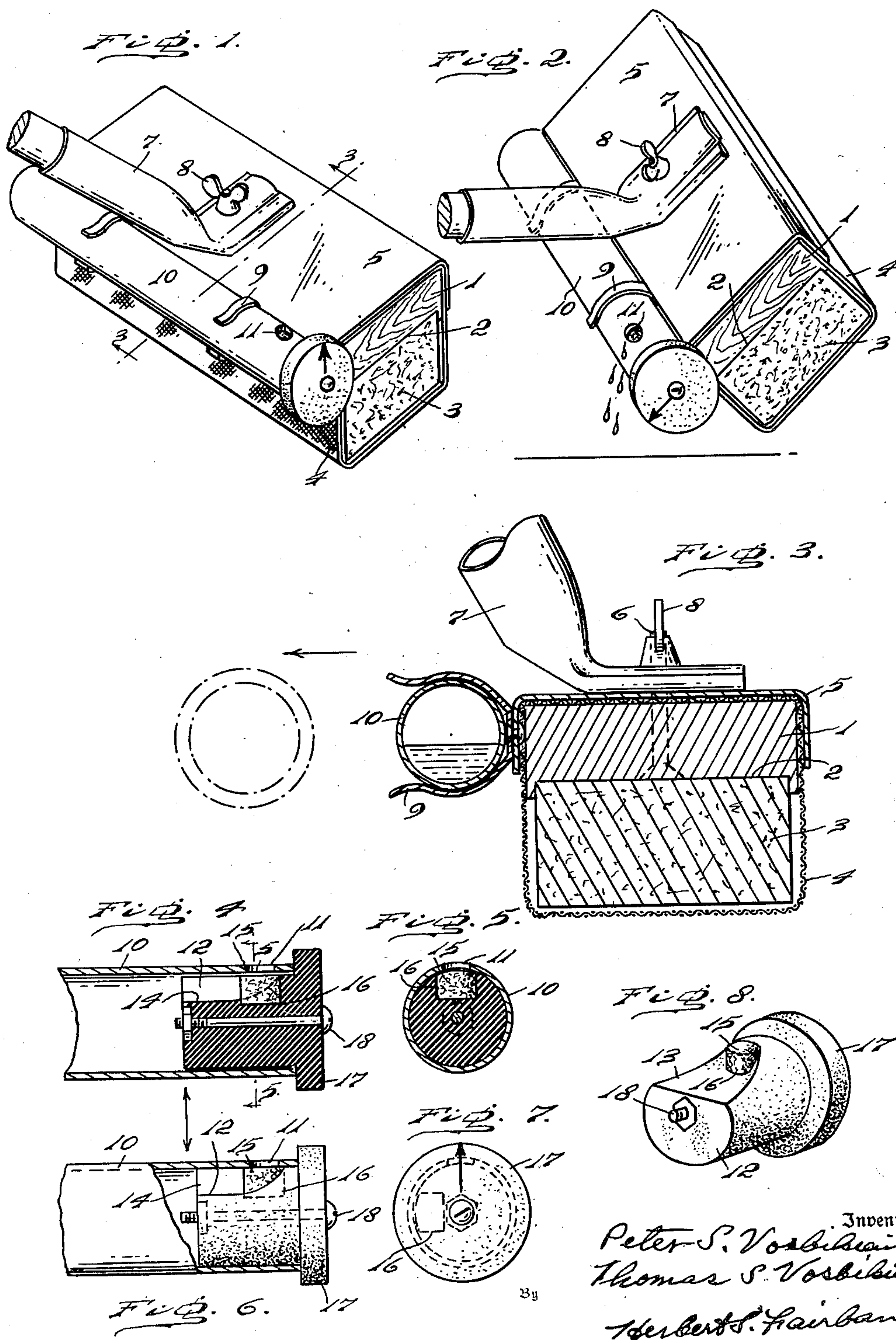
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WAX CONTAINER WITH A PLUG VALVE AND WICK FEED

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WAX CONTAINER WITH A PLUG VALVE AND
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The object of this invention is to devise a novel wax container with a plug valve and wick feed, wherein by tilting and slightly shaking the device liquid wax will pass in small quantities from a wax container into proper position for applying it to the surface to be waxed and polished.

A further object of the invention is to devise a novel waxer and polisher in which the wax container can be readily removed for filling and is provided with novel means to control the feed of the liquid wax to a dispensing opening.

A further object of the invention is to devise a novel waxer and polisher in which resilient material, such as for example sponge rubber, is fixed to a body portion, and a polishing cloth extends around and is cushioned by the resilient material and is detachably connected with the body portion by a channeled clamping member secured in assembled condition with the body portion by a single clamping device which also secures the handle to the body portion.

With the foregoing and other objects in view as will hereinafter clearly appear, our invention comprehends a novel waxer and polisher.

It further comprehends a novel waxer and polisher provided with a novel waxing mechanism.

For the purpose of illustrating the invention, we have shown in the accompanying drawings a preferred embodiment of it which we have found, in practice, to give satisfactory and reliable results. It is, however, to be understood that the various instrumentalities of which the invention consists can be variously arranged and organized and the invention is not limited to the exact arrangement and organization of these instrumentalities as herein set forth.

Figure 1 is a perspective view of a waxer and polisher, embodying our invention.

Figure 2 is a perspective view showing the device in a tilted position.

Figure 3 is a section on line 3-3 of Figure 1.

Figure 4 is a longitudinal section of the wax container.

Figure 5 is a section on line 5-5 of Figure 4.

Figure 6 is a partial section showing in side elevation the feed control for the liquid wax.

Figure 7 is an end elevation of Figure 6.

Figure 8 is a perspective view of the feed control, in detached position.

Similar numerals of reference indicate corresponding parts.

Referring to the drawings:

The waxer and polisher has a body portion 1 in

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the form of a block, preferably of wood, recessed at its bottom as at 2 to receive a flexible and resilient pad 3 such as for example sponge rubber, and of greater depth than that of the body portion. The pad 3 is fixed to the body portion by adhesive or any other suitable means.

A polishing cloth of suitable fabric as shown at 4 surrounds the pad 3, extends along opposite sides of the body portion and if desired over a desired portion of the top face of the body portion. An ornamental, channel shaped cover plate clamps the polishing cloth to the body portion, the cover plate being secured to the body portion by a single headed bolt 6 which passes through the handle socket 7 and is provided with a thumb nut 8.

The rear side wall of the cover plate has U shaped spring clamps 9 secured to it in any desired manner, for example by soldering, welding or riveting, and these clamps detachably support a wax container 10. This wax container may have any desired contour in cross section but is preferably round with one end closed and the other end open and provided near the open end with a wax dispensing opening 11.

A closure 12 of rubber or other suitable material has a friction fit in the bore of the wax container and is faced off as at 13 to provide a passage for the flow of the liquid wax as at 14. The passage 14 leads to a wick 15 seated in a recess 16. By turning the closure 12, the wick can be brought into and out of registry with the dispensing opening. The closure has a grasping portion exterior of the wax container and the closure can be expanded when desired for a more accurate fit in the bore of the wax container by an expanding device 18 comprising a bolt and nut. The outer face of the grasping portion 17 is provided with a symbol, for example the arrow shown for indicating the position to which the closure has been adjusted.

The operation will now be readily apparent to those skilled in this art and is as follows:

When it is desired to apply the wax to the floor or surface to be waxed and polished, the closure 12 is rotated into the position seen in Figure 4. The waxer and polisher is then tilted as shown in Figure 2 and slightly shaken, and the liquid wax will be dispensed from the dispensing opening. The device is then moved over the floor to effect the polishing. The sponge rubber acts as a cushion for the polishing fabric during the polishing operation.

Having thus described our invention, what we

claim as new and desire to secure by Letters Patent is:

1. In a waxer and polisher, a wax container open at one end and having a dispensing opening in its wall near such open end, a solid plug sealing said open end and rotatably mounted in said open end, and normally covering said dispensing opening, said plug having a portion of its periphery cut away to form with the container a passage leading to the dispensing opening, and a wick seated in the plug in the transverse plane of the dispensing opening to feed wax to said dispensing opening when brought into registry therewith by rotation of the plug.

2. The construction defined in claim 1, wherein the plug is expansible, and a bolt passes longitudinally through the plug and is provided with a nut to effect the expansion of the plug.

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