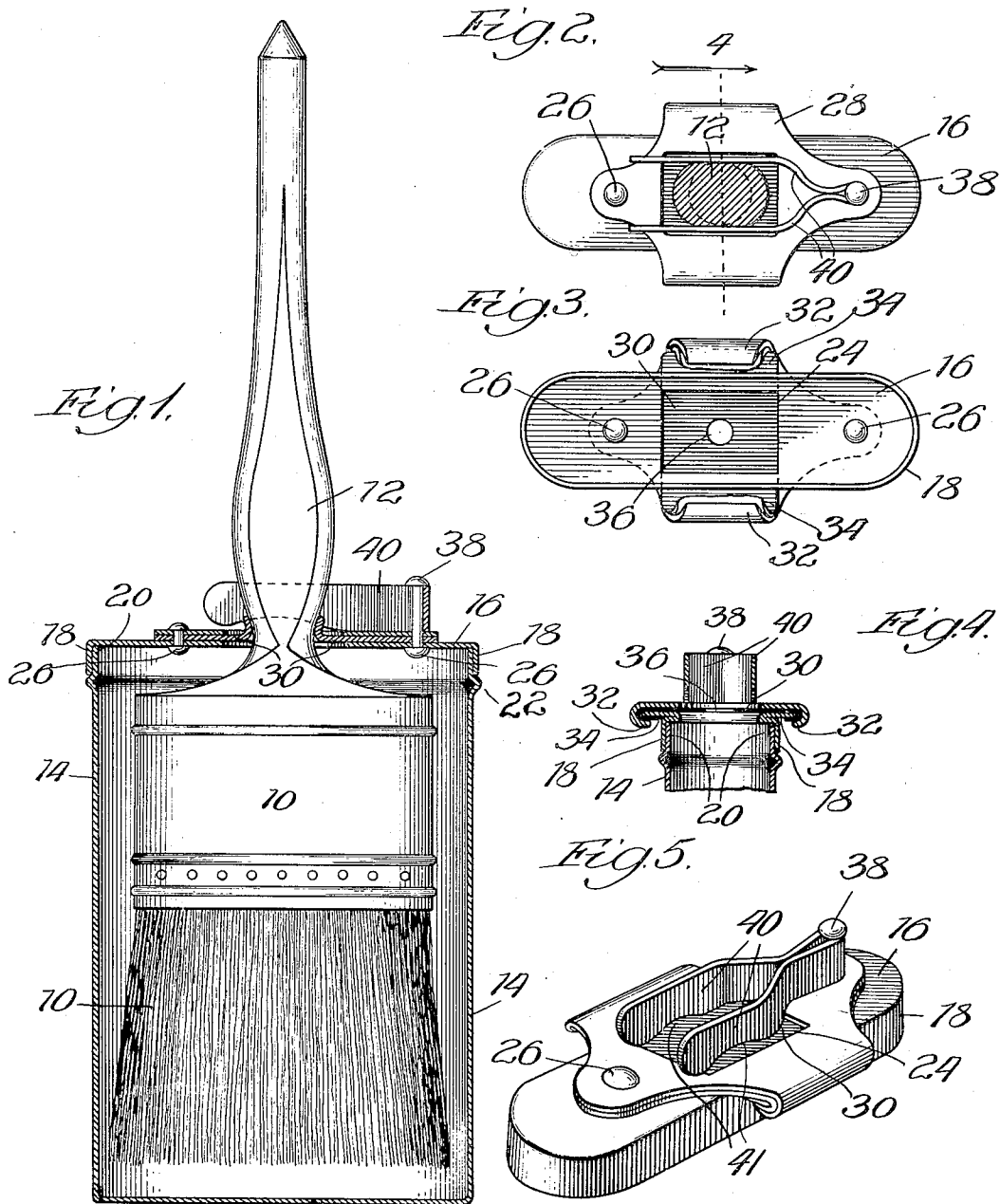


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PAINT BRUSH KEEPER.
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1,050,381.

Patented Jan. 14, 1913.



Witnesses:
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UNITED STATES PATENT OFFICE.

CHESTER G. OLESON, OF SOUTH HAVEN, MICHIGAN.

PAINT-BRUSH KEEPER.

1,050,381.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHESTER G. OLESON, a citizen of the United States, residing at South Haven, in the county of Van Buren and State of Michigan, have invented a certain new and useful Improvement in Paint-Brush Keepers, of which the following is a specification.

This invention is a paint brush receptacle, adapted to receive the previously used paint brush and retain it in usable condition..

The device is frequently called a "paint brush keeper" or "individual brush keeper."

The object of the device is to provide one which is made entirely independent of the brush and may be attached to it and detached from it at the will of the operator; also to provide a device in which the cover will fit into the body of the receptacle without its being necessary to wash or otherwise clean the receptacle each time the brush is used, and further, to provide a device which may be turned to any position without the paint or other liquid running out of the receptacle.

The invention consists in a device capable of carrying out the foregoing objects, which can be easily and cheaply made, which is satisfactory in operation and not readily liable to get out of order.

More in detail, the invention consists in a box-like receptacle into which the brush proper fits, in combination with a cover detachably secured to the handle of the brush, said cover engaging the body of the receptacle in such a way that leakage is prevented in all positions of the brush in the hands of the user.

The invention further consists in a novel means for detachably securing the handle of the brush to a portion of the receptacle, whereby the parts are detachably secured together while leakage is prevented.

In the drawings, Figure 1 is a side view of mechanism illustrating this invention in its preferred form. Fig. 2 is a plan view of the receptacle proper, the brush handle being shown in section. Fig. 3 is an inverted plan view of the cover of the receptacle. Fig. 4 is a sectional detail view taken on the line 4 of Fig. 2. Fig. 5 is a perspective view of the cover and mechanism for attaching the same to the brush handle.

Again referring to the drawings, in which similar numerals indicate the same parts throughout the several views, the nu-

merals 10 indicates the brush portion of an ordinary paint brush provided with an ordinary handle 12. As is well understood in the art, a paint brush of this type when used and left exposed to the air rapidly dries; that is to say, the oil of the paint on the brush dries, thereby rendering the brush hard, dry, stiff and unusable. In order to protect the brush 10 from this drying action and keep it always usable, the receptacle of this invention is provided, the same comprising a box or case portion 14 of sufficient size to readily receive the brush proper 10 and a cover portion 16 closing said receptacle 14. The cover 16 is provided with a downwardly turned flange 18 adapted to fit over a substantial length of the upper end 20 of the receptacle 14 and fit against a rib 22, running around the receptacle 14, as shown. The fit of these parts is sufficiently tight so that the receptacle 10 may be turned to any position and oil or paint within the receptacle cannot escape between the end 20 of the receptacle and the flange 18 of the cover. The amount of air space in the device is so small that the brush inclosed will not dry out even if there be no oil or paint present in addition to that already on the brush.

The upper plate of the cover 16 is provided with a rectangular opening 24 of sufficient size so that the handle 12 of the brush may freely pass through it. Rigidly attached to the upper plate of the cover 16 by any suitable means, such as the pins 26, is a supplemental plate 28 having stretched over its under surface in the manner clearly shown in Fig. 4 a sheet of elastic material 30, such as rubber. The rubber is held in this stretched position in one direction by the pins or rivets 26 heretofore referred to and in the transverse direction by the downwardly bent flanges 32 which clasp the edges of the outwardly turned projecting flanges 34 extending from the side of the cover, as shown in Fig. 4. The construction just described keeps the sheet of rubber 30, heretofore described, reasonably tight under all conditions of service of the device. The rubber sheet 30 has through its center a perforation 36 through which the handle 12 of the brush may be passed. This perforation is of such a size that the rubber always fits tightly to the handle 12 and no liquid within the receptacle can escape between the handle and this rubber sheet. In order to flexibly

and yet semi-rigidly secure the handle and the receptacle cover in detachable position with reference to each other, and thus take away the strain which would otherwise come upon this more or less fragile rubber sheet 30, a spring device attached to the cover and engaging the handle is provided. This spring may take any form which is convenient, the one here illustrated consisting in a post 38 attached to the cover supporting a U shaped spring member 40 whose arms pass on each side of and engage the handle 12. This spring is so adjusted that with a slight effort, the operator may move the handle perpendicularly to the upper face of the cover, or in other words, pull the handle out of the cover or the cover off from the handle, while on the other hand, the spring is of sufficient tension to hold the brush in the position which he predetermines it shall stay with reference to the cover; this so that the brush may not settle of its own weight until the bristles of the brush touch the bottom of the receptacle and be thus bent or broken. The underside of the spring is preferably cut away slightly in the curves 41 so that they clear as far as possible the rubber plate 30.

In the operation of the device, the brush may be made in one factory and the receptacle in another, the purchaser buying each of such dealer or dealers as he likes; that is to say, the inclosing receptacle is no part of the brush either at the time of its manufacture or any time thereafter, except at the will of the operator.

The operator, having secured the brush to the receptacle, uses the brush in the ordinary manner, then takes the cover 16 of this receptacle and slips it over the handle 12 of the brush, after which he places the brush

in the receptacle 14 and adjusts the cover 16 up and down the handle of the brush until it reaches the position where the cover assisted by the spring 40 holds the brush in the desired position inside of the receptacle 14. When it is desired to use the brush again the operator removes the cover with the brush attached from the receptacle and then uses the brush in the ordinary manner with or without removing the cover from the handle.

It will be noticed that, as stated, the receptacle cover is made apart from the brush and does not have to be sold with it; that owing to the fact that the cover 16 fits tightly over the edge of the receptacle it is not necessary to wash the interior of the edge of the receptacle every time the brush is removed therefrom, and that the cover and receptacle, making a tight fit, no liquid can escape from the receptacle, even if it be reversed in position from that shown in the drawing.

The claim is:—

In a device of the class described, in combination with a receptacle, a cover therefor, a brush adapted to be inserted within the receptacle and having a handle passing through an opening in one of said two first mentioned members, a sheet of elastic material over said opening inclosing the handle inserted therein, and a supplemental spring device engaging the handle, for the purposes set forth.

In witness whereof, I have hereunto subscribed my name in the presence of two witnesses.

CHESTER G. OLESON.

Witnesses:

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ANDIE M. PHELPS.