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F. J. STONE

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INK ERADICATING UNIT

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Fig. 1.

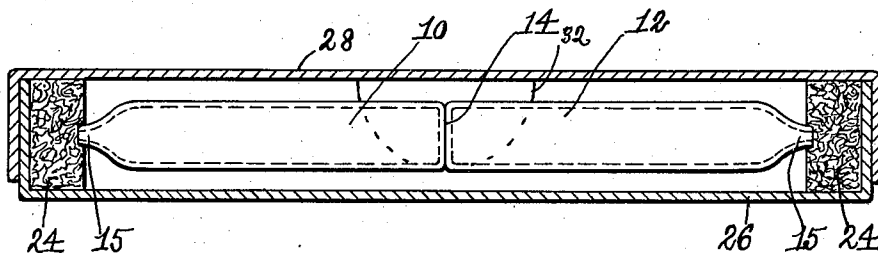
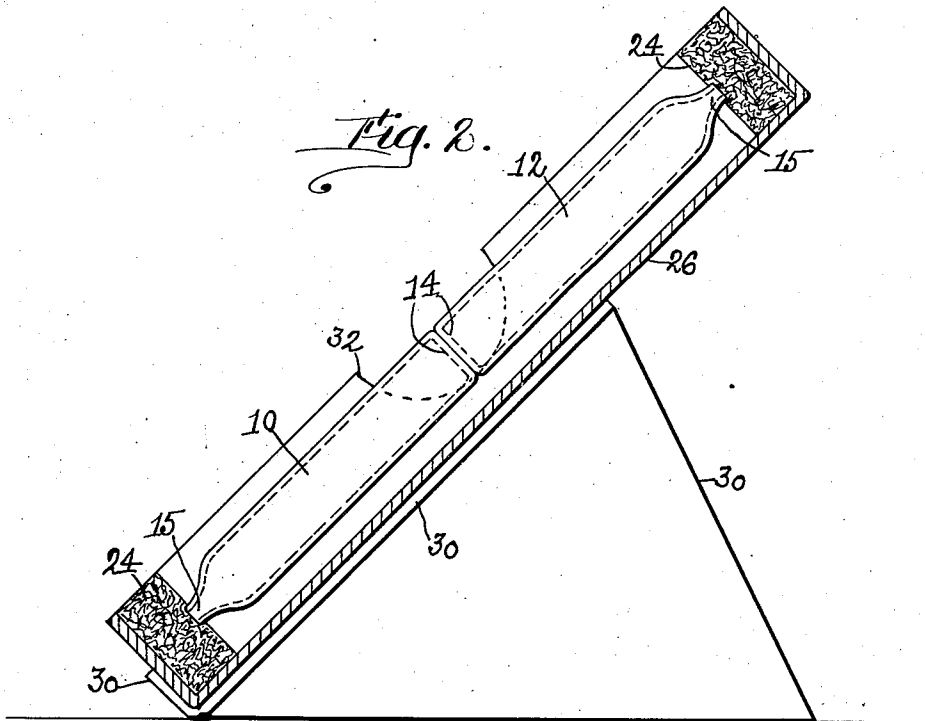


Fig. 2.



UNITED STATES PATENT OFFICE

FRANK J. STONE, OF ARLINGTON, MASSACHUSETTS

INK-ERADICATING UNIT

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This invention relates to an ink-eradicating unit.

At the present time ink-eradicating fluids are sold in a unitary package containing two small bottles, each holding a separate ink-eradicating fluid. The ink-eradicating fluids are applied in succession to the ink by means of glass rods depending from the stoppers of the bottles. This arrangement is, however, inconvenient to use and oftentimes requires the successive application of drops of the fluids in order to apply any substantial amount thereof on the ink, and consumes time in the removal and replacing of the stoppers.

One object of the present invention is to provide a novel ink-eradicating unit in which provision is made for holding a substantial quantity of each ink-eradicating fluid and for enabling each fluid to be dispensed in drop-form directly upon the ink to be removed in a most convenient, efficient, and economical manner.

A further object of the invention is to provide a unitary pencil-like container having two separate compartments and a dispensing nozzle at the end of each compartment whereby first one fluid and then the other may be applied to the ink with minimum effort and in a minimum time, and whereby the applied fluids may be conveniently rubbed into the ink by the dispensing nozzles to render the eradication of the ink as efficient as possible.

A still further object of the invention is to provide a novel ink-eradicating unit including a pencil-like container subdivided into compartments for containing the ink-eradicating fluids in separated relation and from which the fluids may be discharged in drop-form through an orifice at each end of the container, and also in which provision is made for operatively supporting the container and automatically sealing the orifices to retain the fluids in the chambers, thereby providing a compact and convenient structure which may be shipped with safety and set up upon the desk in a position in which the container is ready for use.

With these objects in view and such others as may hereinafter appear, the invention consists in the ink-eradicating unit and in the

structures and combinations of parts herein-after described and particularly defined in the claims at the end of this specification.

In the drawings illustrating the preferred embodiment of the invention—

Fig. 1 is a sectional view illustrating one construction of the complete ink-eradicating unit; and

Fig. 2, a similar view illustrating the manner in which the unit may be placed upon the desk ready for use.

Referring now to the drawings, the complete ink-eradicating unit illustrated therein comprises a pencil-like container preferably of tubular form and which is provided with two separate chambers 10, 12 separated by a partition 14 for containing the ink-eradicating fluids in separated relation. In practice I may prefer to form the pencil-like container for the ink-eradicating fluids in a number of different ways and of various materials, and as herein-shown the container is formed by fusing together the bottoms of two separate glass tubes so that the partition 14 comprises a double wall partition.

In order to dispense the fluids from the chambers 10, 12, each is provided at its end with a dispensing nozzle 15, which, in the illustrated embodiment of the invention, may be formed by drawing the end portion of the glass tube down to form a tapered end, and to provide a small orifice through which the fluid may be discharged from the chamber in drop-form when the container is shaken or tapped directly over the ink to be removed.

In order to seal the dispensing nozzles 15 to retain the ink-eradicating fluids within the chambers 10, 12, the container is preferably operatively supported by cushioning members 24, herein-shown as comprising blocks of sponge or soft rubber between which the container is suspended. The blocks of sponge rubber 24 may be supported upon any convenient form of support, and as herein-shown are retained within a box 26 affording a convenient method by which the container may be shipped with safety, being suspended between the blocks of sponge rubber in a position spaced from both the bottom

of the box 26 and from the cover portion 28 thereof.

The ink-eradicating unit including the box 26, the automatic sealing and supporting members 24, and the container suspended therebetween is particularly adapted to be placed upon a stand 30, as illustrated in Fig. 2 upon the desk, thus presenting the container in a position from which it may be conveniently removed whenever it is desired to use the ink eradicator.

In the use of the ink-eradicating unit, the pencil-like container may be conveniently grasped by the operator and first one fluid shaken or tapped from one compartment 10 directly over the ink to be removed, and the end of the dispensing nozzle may be used with advantage in immediately rubbing in the fluid into the ink to secure the most efficient action of the fluid thereon. Thereafter the container may be inverted and after blotting the treated ink, the other ink-eradicating fluid is applied in a similar manner, avoiding the inconvenience and loss of time which has heretofore accompanied the use of the stoppers and rods for transferring the individual ink-eradicating fluids from their individual bottles onto the ink to be removed.

To facilitate removal of the eradicator unit 10, 12 from the box or case 26 after the cover 28 has been removed, the sides of the case or box may be provided with a cutaway portion 32 as represented in Fig. 2.

While the preferred embodiment of the invention has been herein illustrated and described, it is to be understood that the invention may be embodied in other forms within the scope of the following claims.

Having thus described the invention, what is claimed is:

1. An ink-eradicating unit comprising an elongated container transversely subdivided to form two separate chambers for containing ink-eradicating fluids and provided with tapered rigid end portions integral with said container and with a discharge orifice in each tapered end portion for depositing the fluids in the form of drops.

2. The combination with a support, of two resilient supporting and sealing members mounted thereon and an elongated container having two compartments therein for containing ink-eradicating fluids in separated relation, provided with discharge orifices at its ends, the ends of said container being sealed and supported by said supporting and sealing members.

3. The combination with a box having therein two soft rubber members, of an elongated container provided with a plurality of compartments therein for containing ink-eradicating fluids in separated relation and having a discharge orifice in each end, said container being held within the box between

said soft rubber members whereby the discharge orifices are sealed by said members.

4. The combination with a support, of combined sealing and supporting members carried by said support, and a container for a plurality of ink-eradicating fluids provided with rigid tapering opposite end portions having discharge orifices and co-operating with said sealing members to retain the container on said support and having the discharge orifices sealed by said supporting and sealing members while permitting said container to be bodily moved laterally with relation to said support.

5. In an ink-eradicator, in combination, a supporting member, a yielding sealing member carried by said supporting member, and a fluid container movable laterally toward and from said supporting member and provided with a rigid tapering end portion having a contracted discharge orifice and co-operating with said yielding member to retain the container on said supporting member and to have the capillary discharge orifice sealed by said yielding member when on said supporting member and to permit said fluid container to be bodily moved laterally from said supporting member without removal of the sealing member from said supporting member.

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

FRANK J. STONE.