

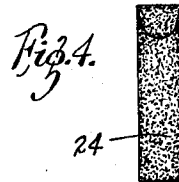
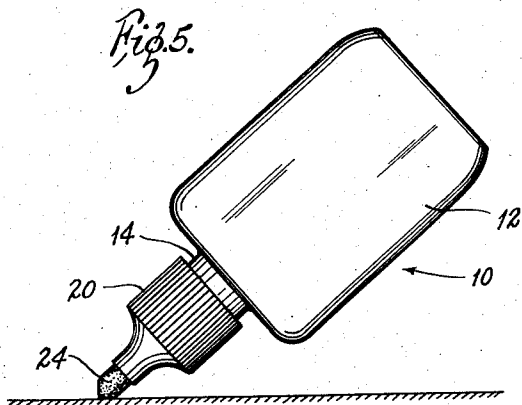
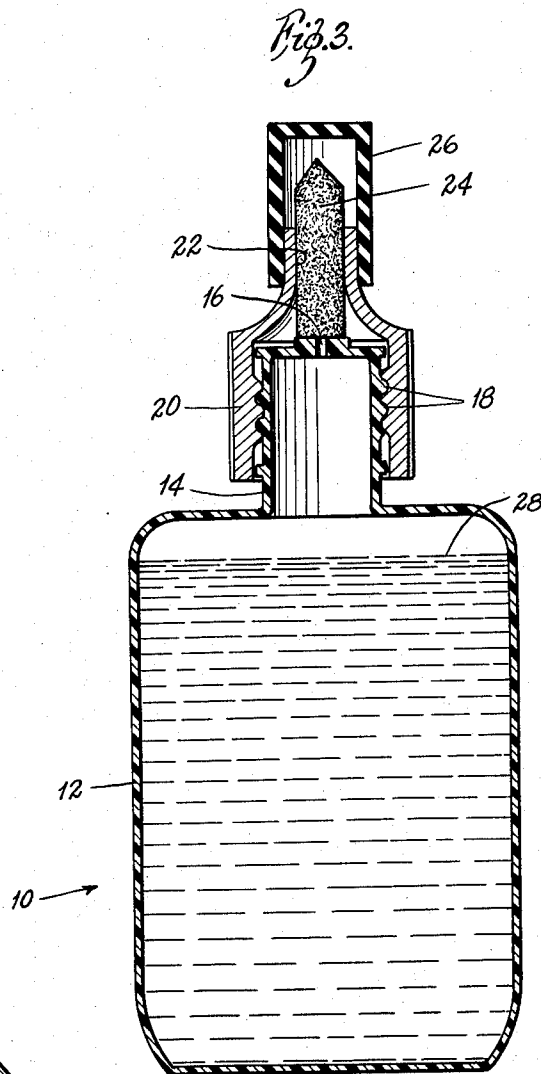
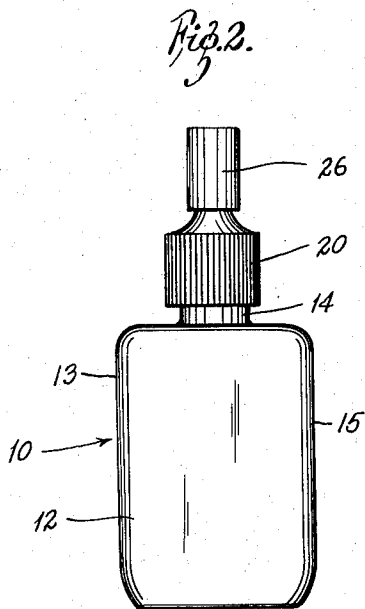
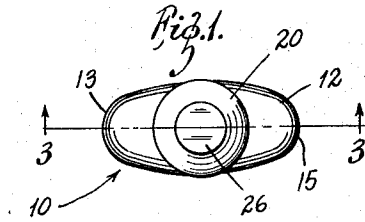
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2,913,747

MARKER

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2,913,747

MARKER

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1 Claim. (Cl. 15—136)

The present invention relates generally to reservoir type markers, and more particularly to felt tip markers incorporating a squeeze action reservoir.

In brief, an embodiment of the present invention includes a squeeze action reservoir of form retaining plastic, or the like, and a felt tip disposed in communication with a liquid therewithin. Liquid is forced into the felt tip by pressure on the reservoir, but otherwise remains therein.

Therefore, an object of the present invention is to provide a novel squeeze action marker for readily applying fluids.

Another object is to provide an inexpensive novel marker which is adapted for use in multiples of various colors by school children in class work, as well as by others generally.

Other objects are to provide a novel marker which may be readily employed by the user with simple instructions, which performs the intended purpose of the unit, and which otherwise fulfills the objects and advantages sought therefor.

The foregoing and other objects and advantages are apparent from the following description taken with the accompanying drawing, in which:

Figure 1 is a top plan view of a marker incorporating the present invention;

Figure 2 is a side elevational view thereof;

Figure 3 is an enlarged vertical cross-sectional view on the line 3—3 of Figure 1;

Figure 4 is a view of a felt tip forming part of the novel marker; and

Figure 5 is a side elevational view of the marker in use position.

Referring to the drawing more particularly by reference numbers, 10 indicates generally a marker incorporating the teachings of the present invention, which includes a form retaining reservoir 12 having a neck portion 14 and a discharge passage 16. The neck portion 14 has external threads 18.

An internally threaded cap 20 engages the threads 18. The cap 20 has an open passage 22 which frictionally retains a felt marking tip 24 with an end against the discharge passage 16. A removable cover 26 shields the tip 24. The discharge passage 16 is of a small cross section to prevent flooding of the tip 24 in normal usage.

The reservoir 12 has an elongated cross section with ends 13 and 15 as appears in Figures 1 and 2, and is made of well known plastic, or other material, which

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can be squeezed to force the contents thereof, as a colored ink 28 through the discharge passage 16 into contact with the felt tip 24, and which will then return to its predetermined shape, such as that illustrated in the drawing. The reservoir 12 is firm enough to permit grasping of the marker 10 for painting, drawing, marking and other uses without forcing fluid therefrom.

In use, some of the ink 28 is forced into the felt tip 24 by squeezing the sides of the reservoir 12. The felt tip 24 retains the ink 28 and is employed to draw lines, to color, or for other use (Figure 5). The squeeze action is repeated each time additional ink 22 is needed. The squeeze type reservoir 12 also permits withdrawal of excess ink 28 in the tip 24 by squeezing the ends thereof gently, which will bulge the sides outwardly. This action should be taken when the marker 10 is in upright position.

It is apparent that there has been provided a novel marker which fulfills the objects and advantages sought therefor.

It is to be understood that the foregoing description and the accompanying drawing have been given only by way of illustration and example. It is further to be understood that changes in the form of the elements, rearrangement of parts, or the substitution of equivalent elements, all of which will be apparent to those skilled in the art, are considered within the scope of the present invention, which is limited only by the claim which follows.

What is claimed is:

A marker comprising a squeeze action reservoir having a horizontally elongated cross section and including a discharge neck portion, said reservoir being of deformable organic plastic material which will return to original shape upon release of deforming pressure, said neck portion being externally threaded, said neck portion being closed at the end and having a small opening therethrough for the passage of a liquid from said reservoir, an internally threaded cap threadably removably engaging said external threads of said neck portion, said cap including an open end of sleeve form joined by a tapered section, a felt marking tip firmly engaged within said open sleeve with the inner end disposed against and closing said small opening in the end of said neck portion, said threaded engagement of said cap with said neck portion maintaining said felt marking tip firmly against said small opening, the removability of said cap permitting ready change of felt marking tips.

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