

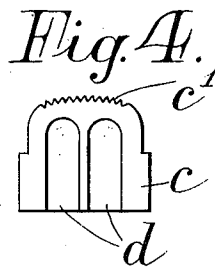
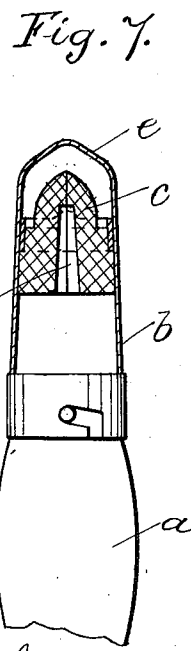
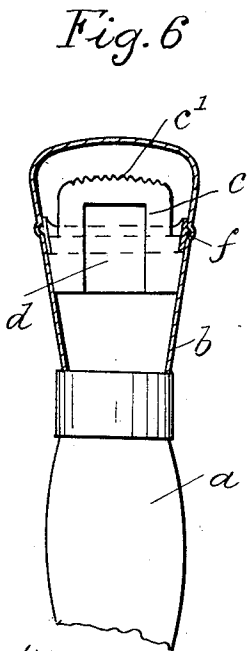
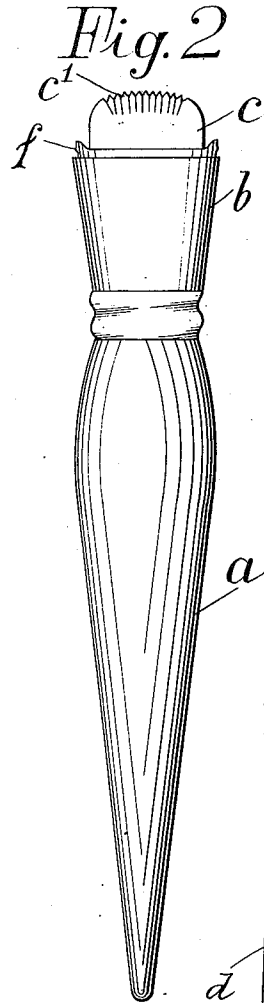
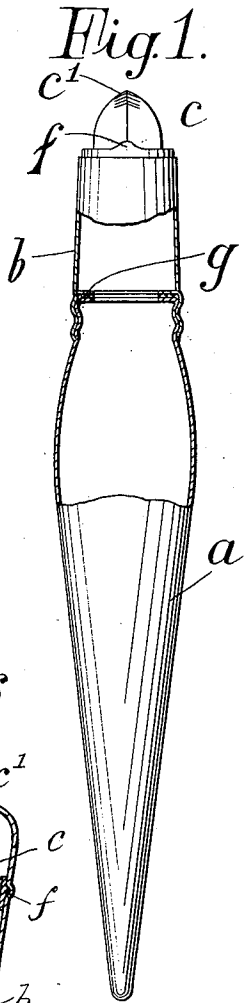
J. T. WINDLE & R. E. OLLERENSHAW.

DEVICE FOR SUPPLYING ADHESIVE FLUIDS.

APPLICATION FILED JAN. 26, 1909.

933,938.

Patented Sept. 14, 1909.



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Fig. 3.

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UNITED STATES PATENT OFFICE.

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DEVICE FOR SUPPLYING ADHESIVE FLUIDS.

933,938.

Specification of Letters Patent. Patented Sept. 14, 1909.

Application filed January 26, 1909. Serial No. 474,342.

To all whom it may concern:

Be it known that we, JOHN THOMAS WINDLE and REGINALD ERIC OLLERENSHAW, residing at Bradford, in the county of York, England, have invented certain new and useful Improvements in Devices for Supplying Adhesive Fluids; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to devices for supplying gum, paste, or the like, of the known type in which a brush or pad is secured to a reservoir containing the adhesive fluid, with or without a cap or cover for inclosing the brush when not in use. Such devices, although equally applicable for office or other purposes where an adhesive fluid is employed, are particularly useful in connection with the attachment of patterns of cloth or other material to pattern cards.

The principal object of our invention is to obtain an even distribution of the adhesive fluid.

According to our invention the brush or pad which may be in the form of a rounded oblong of rubber or other suitable material, is split longitudinally and serrated across the slit or division in order to permit of a sufficiently free flow of the adhesive fluid upon the brush being applied with a slight pressure upon the article intended to be coated with such fluid. The reservoir may be in the form of a brush handle, to which the brush or pad can readily be secured by a screw, bayonet joint, or other suitable means.

In the accompanying drawings, we have illustrated examples of the application of this invention.

Figures 1 and 2 represent the device ready for use, and Figs. 3, 4 and 5 are details of one half of the brush or pad. Figs. 6 and 7 show a slightly modified form, the upper portion being shown in central vertical section.

Letter *a* indicates the reservoir, which may

be made of thin metal; *b* the hollow metal head, which may be attached to the reservoir *a* by a screw thread (Figs. 1 and 2) a bayonet joint (Figs. 6 and 7) or in other suitable manner; *c* is the brush or pad of rubber or other suitable material, here shown as consisting of two halves having channels, grooves or recesses *d* in their opposing faces. The cap *e* (shown in section in Figs. 6 and 7) may be sprung on over the projections *f*. A rubber washer *g* indicated in Fig. 1, may be confined between an annular ledge in the head *b* and the top of the screw thread on the part *a*.

The reservoir *a* having been filled, the head *b* replaced in position, the cap *e* removed, and the device inverted, the fluid passes down the channels *d*. On the brush being now applied with slight pressure and drawn across the surface to be coated, the two parts of the brush or pad separate slightly, and permit the escape of a suitable quantity of the fluid, which is evenly distributed by the action of the serrations at *c*. On the device being laid down, or temporarily out of use, the reclosing of the two parts of the pad *c* prevents leakage of the fluid.

We claim as our invention:—

In a feeder for adhesive fluid, the combination, with a reservoir for the fluid, of two blocks of elastic material secured side by side at one end portion of the reservoir, said blocks having channels for the fluid which extend partway along their meeting faces, and said blocks having also serrations at their ends beyond the outer ends of the said channels, the inner ends of the said channels being arranged in communication with the said reservoir.

In testimony whereof we affix our signatures, in presence of two witnesses.

JOHN THOMAS WINDLE.
REGINALD ERIC OLLERENSHAW.

Witnesses:

ERNEST PRIESTLEY NEWTON,
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