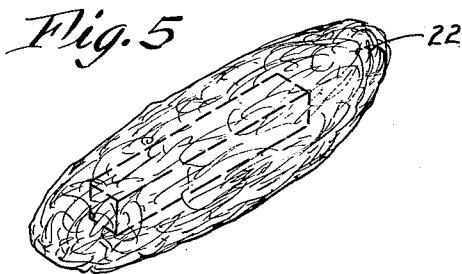
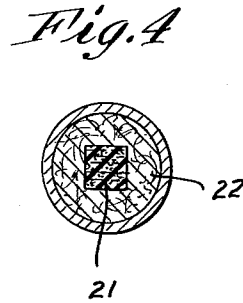
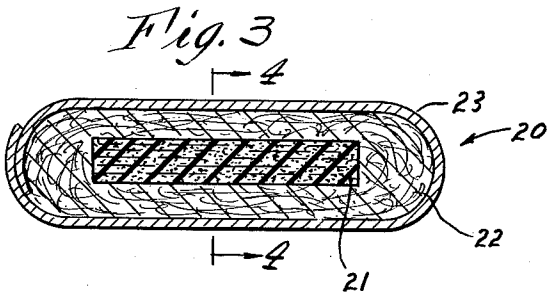
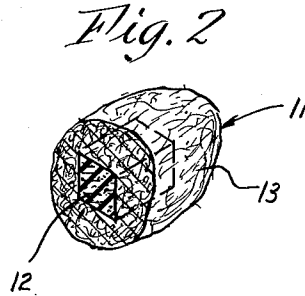
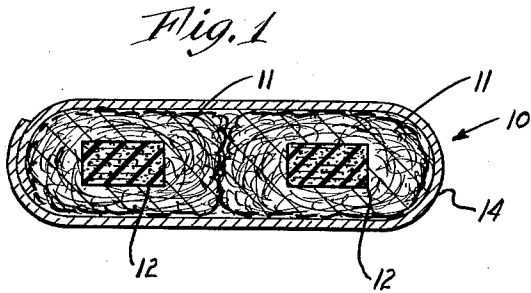


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S. E. LATHROP
DISPOSABLE APPLICATING DEVICE

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DISPOSABLE APPLICATING DEVICE

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1 Claim. (Cl. 206-56)

This invention relates to a disposable applying device for applying a cleaning agent or the like, and more particularly to a readily disposable device for applying a thinner for removing nail polish or the like from one's fingers or toes.

Heretofore, stale nail polish was removed simply by soaking a wad of cotton with a suitable nail polish thinner poured from an open bottle, and applying the soaked wad to one's nail. This primitive method not only succeeded in removing the polish from one's nails, but oftentimes resulted in removing the varnish from the dressing table due to the dripping or spillage of the thinner thereon. Furthermore, the primitive use of a soaked pad rendered touch-up operations practically impossible, since it was difficult, if not impossible, to soak and hold such a saturated wad without getting some of the thinner on the nails which are or have been polished. Thus, the ritual of removing nail polish, performed almost daily by the great majority of women, was generally a tedious, time-consuming and messy task.

Therefore an object of this invention is to overcome the difficulties heretofore encountered in removing the nail polish from one finger.

Another object is to provide a novel applicator impregnated with a cleaning fluid or thinner.

Another object is to provide a readily disposable device which is convenient to use and which comprises a disposable applicator having a sponge-like core saturated with a predetermined amount of thinner.

Another object is to provide a readily disposable applicator impregnated with a suitable thinner and which is constructed and arranged so that squeezing or compressing the applicator frees more or less as much of the thinner as desired.

A feature of this invention resides in the provision that the applicator is relatively simple to make and use and which is readily disposable upon use.

Another feature resides in the provision that the device is small, portable and can be easily carried in one's handbag.

Another feature resides in the provision that the disposable device for removing nail polish is relatively inexpensive, simple in construction, easy to use and positive in operation.

The various features of novelty which characterize this invention are pointed out with particularity in the claim annexed to and forming a part of this specification. For a better understanding of the invention, its operating advantages and specific objects attained by its use, reference should be had to the accompanying drawings and descriptive matter in which there is illustrated and described a preferred embodiment of the invention.

In the drawings:

FIG. 1 is a section view taken through a disposable device for removing nail polish in accordance with this invention.

FIG. 2 is a detailed perspective view of the novel applicator of FIG. 1 having a portion thereof shown in section.

FIG. 3 is a section view taken through a modified form of the invention.

FIG. 4 is a section view taken along line 4-4 of FIG. 3.

FIG. 5 is a perspective detailed view of the modified applicator of FIG. 3.

Referring to the drawings, FIG. 1 illustrates the dis-

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posable cleaning device 10 in accordance with this invention. While the cleaning device 10 is susceptible to many and various uses, in accordance with this invention, it is particularly applicable for removing nail polish from women's fingers and toes. As shown, the device 10 consists of a capsule containing a plurality of applicators 11. In the form illustrated by FIG. 1, two applicators are enclosed within the capsule, one for removing the bulk of the polish from a nail, and the other to function as the finisher, i.e. performing the final cleaning for the particles of polish not completely removed by the first applicator.

As shown in FIG. 2, each applicator 11 comprises a central core 12 of sponge or sponge rubber. The core 12, as shown, is substantially cubical in shape. Enwrapped about each core 12 is a wad or pad of absorbent material 13, such as cotton or the like. In accordance with this invention the core 12 is saturated with a suitable nail polish cleaning fluid or thinner. The cotton wrap 13 provides the vehicle by which the thinner is absorbed from the core 12 and applied to one's nail. The thinner in turn dissolves the polish, which adheres to the cotton wad as it is rubbed against the nail and succeeds in removing the polish.

In accordance with this invention the wad 13 is disposed of after a nail or two has been cleaned, and another capsule resorted to to complete the hand.

To prevent evaporation of the thinner from the applicator 11 until ready for use, the applicators 11 are contained in a fluid impervious capsule or cover 14, which forms an air-tight cocoon about the applicators 11. The cover 14 may be formed of suitable metal foil or plastic. Thus the device 10 can be readily distributed, i.e. retailed, or carried about in one's handbag. As a result it is no longer necessary to resort to messy wads soaked with thinner from an open bottle. Thus the danger of spillage and dripping of the thinner over one's hand and/or on valuable pieces of furniture is completely eliminated.

In accordance with the present invention, the core 12 is impregnated with a predetermined amount of thinner during manufacture. Thus the user need not concern herself with thinner bottles susceptible to spillage, soaked wads, and the general mess heretofore encountered in a nail polish removing operation.

An important feature of this invention is that it greatly minimizes the time required to do one's nails and eliminates the mess heretofore encountered in a nail cleaning operation.

Another important aspect of the construction described is that the amount of thinner required to wet the nail can be controlled by simply squeezing the applicators 11 to free more or less of the thinner from the core 12. Thus flooding of the thinner to the cotton wad 13 surrounding the saturated core 12 can be controlled. This in turn makes for a neater and more satisfying job.

The use of the instant applicator is especially useful for retouching nails. This is because the applicators 11, herein described, are easy to use and better control can be had in containing the thinner to the nail to be cleaned. Thus, the instant applicator prevents thinner from contacting the properly polished nails on either hand, and thereby minimizes any accidental removal of polish from these nails.

FIGS. 3 to 5 illustrate a modified form of the invention. In this embodiment the device 20 comprises an applicator having an elongated central core 21 of sponge or sponge rubber. The core 21 is likewise completely enwrapped by a suitable absorbent material 22 as heretofore described. In this form, one end of the applicator is used to remove the bulk of the polish, and the other end thereof is used as the finisher. In this embodiment a single applicator is encased in an air-tight capsule

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or cocoon 23 formed of fluid impervious material, as herein described.

While in accordance with the provisions of the statutes there is illustrated and described herein the best form and mode of operation of the invention now known to the inventor, those skilled in the art will understand that changes may be made in the form of the apparatus disclosed without departing from the spirit of the invention covered by the claim, and that certain features of the invention may sometimes be used to advantage without a corresponding use of other features.

What is claimed is:

A readily disposable throw-away applicator for removing nail polish, said applicator comprising a sponge core, a charge of cosmetic thinner saturating said core,

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a wad of absorbent material enwrapped about said core whereby said wad absorbs fluid from said saturated core, an outer fluid impervious cover forming an air-tight envelope for containing said applicator until readied for use, said outer cover being readily removed from said applicator so that said applicator may be grasped and applied to the nail to be cleaned; and whereby squeezing said applicator frees the thinner from said core as desired.

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