May 14, 1940. I. L. POLLACK 2,200,893

STAMP OR THE LIKE

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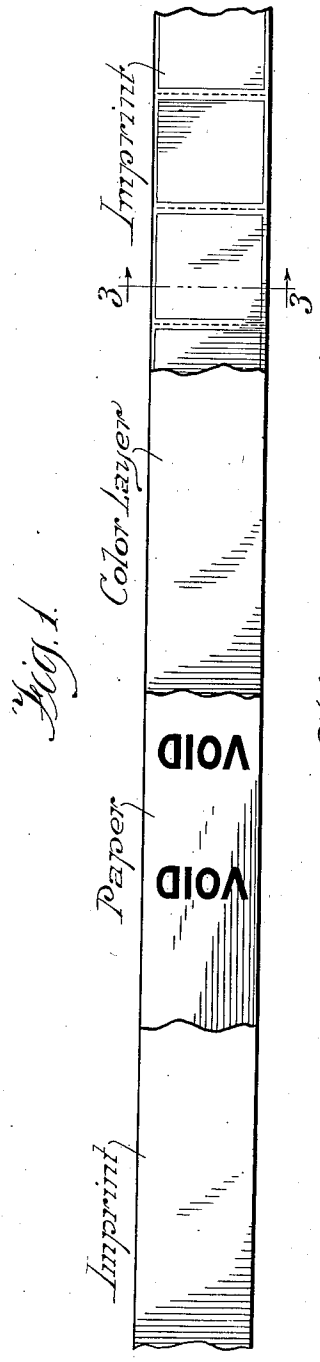


Fig. 1.

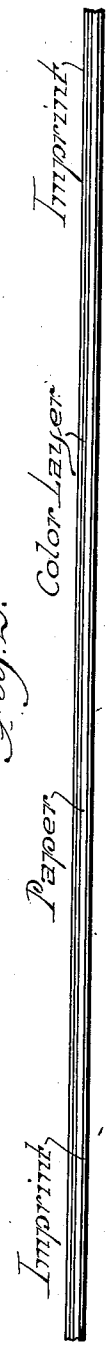


Fig. 2.

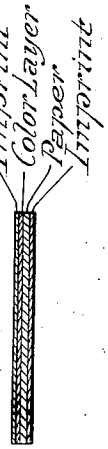


Fig. 3.

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STAMP OR THE LIKE

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5 Claims. (Cl. 283—10)

This invention relates to a stamp or the like. It is particularly useful in connection with stamps, labels, or other devices which are applied to packages or containers.

An object of the invention is to provide extremely simple and effective means for preventing the soaking off of stamps, labels, etc., and the reuse of the same. A further object is to prevent the complicated structure heretofore thought necessary for preventing the reuse of stamps or labels and the substitution therefor of a structure consisting of less parts and which is much less expensive to produce. A further object is to provide a simple structure which functions more certainly and more effectively than those heretofore in use for preventing the reuse of stamps, labels, and the like. Other objects and advantages will appear as the specification proceeds.

The invention is illustrated, in a preferred embodiment, by the accompanying drawing, in which—

Figure 1 is a plan view of the stamp partly broken away to show successively the top imprint layer, the color layer, also known as the water-impervious layer, the paper layer having thereon the marking "Void," and the bottom imprint layer; Fig. 2, a side elevational view of the same showing the various layers; and Fig. 3, a transverse sectional view taken along the line 3 of Fig. 1, the line 3 passing through all four layers of the same.

In the practice of my invention, I first select a paper base which is preferably porous so as to permit the ready flow of water therethrough. Upon the upper face of the paper, I print such words as "Void" or "Cancelled" or some similar word, using water-soluble ink for this purpose. The ink preferably should be white or of such color so as not to show through the coloring layer superposed thereon.

Over the imprinting in water-soluble ink, I next form a color layer or a water-impervious layer. This is preferably continuous covering the entire top surface of the sheet. Upon the water-impervious layer, I next imprint a stamp design, label design, etc. in spaced arrangement. If desired, perforations may be formed between the stamps so as to permit their ready separation.

As shown in the illustration, an imprint or design is also formed on the bottom side of the paper strip, this design preferably corresponding to the design on the top of the color layer. If desired, however, this latter design may be omitted.

Any suitable water-soluble ink may be employed. For example, a soluble dextrine provided with white Tibar pigment has been found satisfactory. If desired, glycerin or glycerin reduced with water may be added. Since water-soluble inks are well known and in common use, a detailed description is believed unnecessary.

In the operation of the device, the stamp or label is applied to a container, such as, for example, a beer barrel, by applying adhesive to the barrel or to one side of the stamp and thus securing the stamp to the barrel. Should one attempt to soak off the stamp for reuse, the application of water results in some of the water passing through the porous paper and dissolving the white dextrine ink. The dissolving of the ink causes the lettering "Void", or such other word as was formed by the ink, to become visible through the color layer. Thus, one can readily see that the stamp is marked "Void" and its reuse prevented.

In the present construction, it will be observed that the water-impervious layer is continuous over the entire surface of the strip and thus protects the face of the strip from small amounts of moisture as found in fog or mist or as may be found in the air in humid sections. The porous paper enables the dissolved ink to be readily absorbed so that the space formerly occupied by the ink within the color layer forms prominently the words indicating cancellation or voiding.

It will be observed that no glue or adhesive is now necessary with this type of structure. The action of the invisible ink is positive in that it readily disappears in the presence of the water flowing through the paper.

While in the foregoing description, I have specified certain details, it will be understood that these are for the purpose of illustration, and it will further be obvious that those skilled in the art may readily employ substitutions without departing from the spirit of my invention.

I wish it to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modifications will occur to a person skilled in the art.

I claim:

1. In a device of the character set forth, a paper strip, imprinting thereon in water-soluble ink, a water-impervious layer over said ink and paper and concealing said ink, and a design imprint on said water-impervious layer.

2. In a device of the character set forth, a paper strip, an imprint thereon in white water-

soluble ink, a water-impervious layer thereon and concealing said ink, and an imprint on said water-impervious layer.

3. In a device of the character set forth, a porous paper strip, an imprint thereon in water-soluble ink indicating voiding when the ink is dissolved, a water-impervious layer over said ink and paper and concealing said ink, and a design over said water-impervious layer.

4. A stamp or the like comprising a strip of porous paper, an imprint on the bottom side thereof, a design on the top side of the paper written in water-soluble ink and indicating voiding of the stamp when the ink is dissolved, a water-impervious layer over the said design and concealing said design, and imprinting on the top of said water-impervious layer.

5. A stamp or the like comprising a porous paper strip, an imprint thereon in water-soluble ink indicating voiding when the ink is dissolved, a water-impervious layer over said ink and paper and concealing said ink, and an imprint on said water-impervious layer.

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