To all whom it may concern:

Be it known that I, MILLARD F. THOMPSON, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Solution-Identifying Means for Medicinal Preparations, of which the following is a specification.

My invention relates to improvements in identifying means for use in solutions of resultant natures such as those derived from freely soluble tablets and the like.

In the use of prepared tablets which when dissolved make no visible change in the resultant solution, it frequently happens that disastrous results accompany the use thereof. This is due to the fact that the resultant solution so closely resembles another liquid, which may be, for example, water, that to the skilled as well as the ordinary eye no perceptible difference can be seen.

It is the object of my present invention to produce a marking or identifying means which by reason of its being formed with the freely soluble tablets or other similar preparations, the resultant solutions derived therefrom cannot be obtained without being properly labeled and identified.

Another object of my invention is to produce an identifying means which can be readily formed in a freely soluble tablet at a minimum cost and with no appreciable diminution of the quantity of prepared material used.

In the drawings which by way of illustration show one embodiment of my invention:

Figure 1 is a perspective view of a freely soluble tablet having embedded therein a marking element.

Fig. 2 is a sectional view through the said tablet and marking element.

Fig. 3 is a view in perspective of a bowl of the resultant solution showing the insoluble marking means therein.

Fig. 4 is a view of a different form of labeling means shown embedded in a tablet.

Referring to the drawings, the tablet comprises the usual body portion 1 formed of freely soluble material, and an indicating marking device or tag 2 of an insoluble material, such as glass, china, porcelain and the like. As shown, the marking means consists of a disk 2 embedded within the tablet so that the outer face thereof is substantially flush with the surface of the tablet. While this is a convenient manner in which to insert the markers in the tablets, the exact location thereof is not limited to that herein shown. Likewise the shape, contour or form of the marking device is not limited to that shown in Fig. 1, for it may consist of a bar 25 as shown in Fig. 4 or some other modified or peculiar design capable of performing the same purpose.

Suitable legends or characters 3 are preferably provided on the tag or marker whereby the kind, nature, quantity or other proportional and identifying qualities of the resultant solution can be readily discerned.

My invention however is not limited to such characters; as the color, material, or any peculiar design of the marking means would be sufficient if once established in the trade, to identify the resultant solution.

I am aware that certain insoluble materials have been formed in soap cakes, which, when the soap is completely exhausted after repeated usage, become redeemable, for other cakes and the like.

Likewise I am aware of certain advertising materials molded within certain other materials such as soap cakes, and the like; but I am not aware of the herein described marking device designed to remain within the resultant solution as an identifying means after the dissolving of the freely soluble material.

My invention is especially useful in the professional and general handling of bichlorid of mercury tablets, for as used at present the resultant solution derived from said tablets cannot be distinguished from water.

I am aware however, that certain “blue” tablets are in use, but as these have a limited use as well as a necessarily limited chemical and disinfecting effect, the “white” tablets are by far the most effective and more extensively used in the medical profession.

From the foregoing, it will be obvious that a safe and commercially successful marking and identifying device has been produced for use in freely soluble preparations where the resultant solutions can be easily confused with other liquids.

What I claim and desire to secure by Letters Patent is:

1. A tablet of soluble material for use in forming antiseptic solutions or washes, and
a tag embedded in the tablet of a material insoluble in the solution and unaffected by the ingredients of the tablet, said tag being adapted to remain in the solution, and bearing a legend which serves to identify the solution, and also to warn against accidental ingestion of the tablet.

2. A tablet of soluble material for use in forming antiseptic solutions or washes and a tag of insoluble material embedded in the tablet, said tag being unaffected by the ingredients of the tablets and adapted to remain in the solution for identifying the latter.

In testimony whereof I affix my signature in presence of two witnesses.

MILLARD F. THOMPSON.

Witnesses:

JAMES F. FITZ GIBBON,

NATHAN ABRAMSON.