

Aug. 29, 1944.

G. W. TAYLOR

2,357,147

WRAPPER FOR BOTTLES OR PHIALS

Filed May 24, 1941

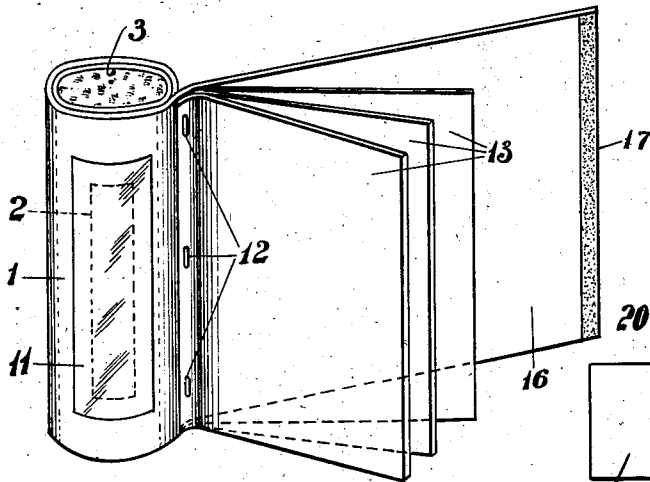


Fig. 1

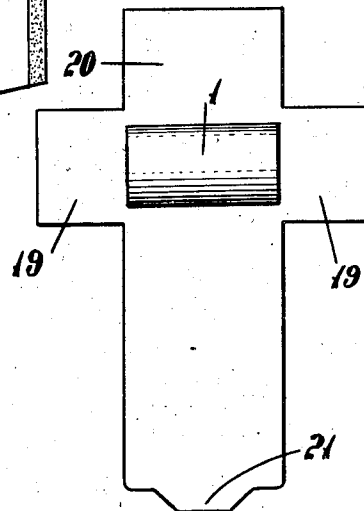


Fig. 3.

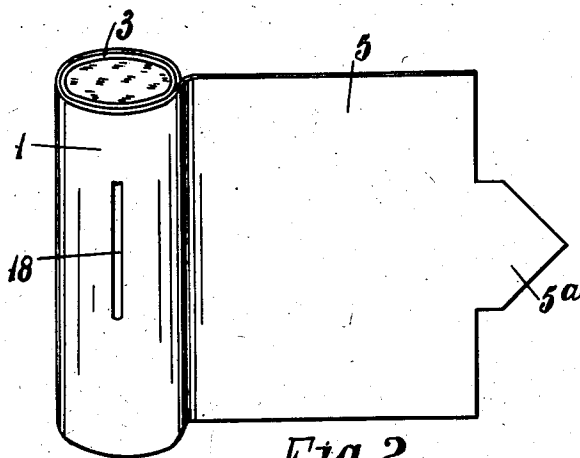


Fig. 2.

Inventor: G.W. Taylor
per *Rayner & Co.*
Attorneys.

UNITED STATES PATENT OFFICE

2,357,147

WRAPPER FOR BOTTLES OR PHIALS

George Wright Taylor, Leeds, England

Application May 24, 1941, Serial No. 395,027
In Great Britain May 27, 1940

1 Claim. (Cl. 229—89)

This invention relates to an improved wrapper for enclosing or covering tubes, phials, small bottles and the like, and has for its object to provide a wrapper which whilst effecting economy in material also affords greater convenience for the handling and inspection of the articles wrapped.

According to this invention a wrapper comprises a tube of any suitable material adapted to receive a phial or the like, the tube being provided with an inspection or other suitable form of window for displaying part of the article wrapped, and a flap-like extension attached at one end to said tube and adapted to be wrapped about the tube.

In the preferred form of this invention a wrapper comprises a tube of paper, cardboard or any other suitable sheet material with an aperture therein to expose the article wrapped and provided with flap-like extensions adapted to form additional wrapping and to bear instructions or information or to serve other useful purposes.

In order that the invention may be clearly understood and readily carried into effect a drawing is appended hereto illustrating embodiments thereof, and wherein

Figs. 1 and 2 are perspective views of two embodiments of the invention, and

Fig. 3 is a plan view of a third embodiment showing a combined tube and a wrapping adapted to form a closure for the ends of the tube.

Referring to the drawing the wrapper for bottles and other articles can be composed of stout paper, fabric, corrugated cardboard or any other suitable sheet material and it is formed as a tube 1. An opening 2 is formed therein, and this opening is so located as to expose the phial, bottle or other like article 3 and consequently if the wrapped article is transparent, as for example with a bottle or phial its contents can be examined readily without removing the wrapper, whilst at the same time its contents will not be exposed to the action of light otherwise than the small amount which reaches it through the said opening.

The inspection opening 2 in the tube may be a narrow elongated axially directed slot as shown or a slot with its longer dimensions extending in a circumferential direction according to the particular requirements of the article packed.

The aperture 2 in the tube may be covered by a suitable transparent material 11 as shown in Fig. 1 which can be suitably coloured to absorb

rays which might be harmful to the contents of the bottle.

Instead of only one aperture any suitable number and distribution of apertures 2a may be provided e. g. as shown in Fig. 2, and likewise as shown in Fig. 1 there is united by any suitable means, e. g. staples 12, a number of leaves 13 to the tubular part 1 which receives the bottle or the like, so that the information, propaganda or other data can be reasonably extensive. With a two leaf article, a single sheet 14 (see Fig. 2) can be folded in half and formed with the tubular part 1 at its fold by adhering the opposed creases 15 together. Likewise, any number of supplementary leaves may be interposed at the joint of the tubular part, e. g. by staples passed through the creases 15 and the supplementary sheets. In a multi-leaf wrapper, an outer leaf 16 (see Fig. 1) would be longer than the others to afford a free part coated with an adhesive 17 for adhesion to the rolled up matter to maintain it wrapped.

Instead of adhering the free end of the appropriate tag 5 to the tubular part, a slit 18 (see Fig. 2) can be provided in the tubular part adapted to receive a tapered tongue 5a at the free end of the tag. Still further, by adopting lateral flaps 19 means is provided for closing one or both ends of the tubular part, such means conveniently comprising lateral enlargements 19 on a sheet 20 (see Fig. 3) which contains the tube 1, so that such enlargements can be folded over the ends of the tube. In this connection the tubular part 1 can be attached separately to the central part of the length of paper which is wider at its central part than at its end parts. By this means the side flaps 19 can be tucked over the ends of the tube and the remainder of the sheet of paper, which forms another flap, rolled about the tube so as to enclose the tucked in parts. One end 21 of the sheet can then be adhered in position or inserted in a slit in a convenient part of the wrapper. In such arrangement a convenient way of securing the wrapper rolled about the tube would be by means of a label adhered about the tube.

By means of the present invention a wrapper is provided which can be produced easily in large quantities in which phials and the like can be fitted snugly so as to be adequately protected and such a wrapper is particularly useful to chemists and other like retailers who wish to protect the contents of phials, bottles and the like as much as possible, but also require to be able to readily inspect the contents thereof and also have

equally readily available information and other data appropriate to the contents of the bottle or the like.

I claim:

In combination, a transparent container, a wrapper surrounding the container, a viewing opening in said wrapper by which the contents of the container are revealed, a multi-layer flap-like extension united to the wrapper, the outer

layer of said flap-like extension having a length sufficient to completely encircle the wrapped container, said flap-like extension serving to cover the opening to exclude light, adding to the thickness of the wrapper to protect the container from breakage and providing a handle for holding when the flap is extended.

GEORGE WRIGHT TAYLOR.