

Aug. 4, 1931.

S. BORUSS
TUBE CONTAINER
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1,817,732

Fig. 1.

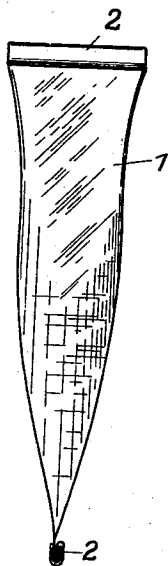


Fig 2.

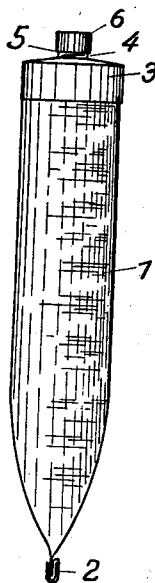
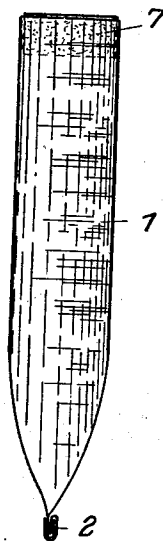


Fig. 3.



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UNITED STATES PATENT OFFICE

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TUBE CONTAINER

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My invention relates to tube-containers, more particularly to tube-containers for coloured liquids or plastic material, for instance, toilet-water, honey, oil-paints, etc.

The object of my invention is to provide a tube-container which shows the colour of its contents without being brittle like glass.

My invention consists in a tube-container consisting of flexible transparent material. Such tube-containers enable everybody to recognize the colour of their contents exactly without opening the tube and they can be transported and stored in any manner since they are not breakable.

The tube may consist of any material made of cellulose, like celluloid, cellasol, etc. If acidific materials are to be filled into the tube, it is advantageous to make the tube of acid proof material, like "cellophan". "Cellophan" is a hydrated cellulose, a product very similar to paper, but containing enough water to make it transparent. It may be produced either by prolonged beating of pulp or by chemical means. It is defined in Lockwood's "Classifications and Definitions of Paper", Revised Edition, 1928, pages 26 and 27.

In the accompanying drawings there are illustrated tube-containers according to the invention.

Fig. 1 is a view of a tube-container being closed at both ends permanently,

Fig. 2 is a view of a tube-container having an outlet at one end of its ends,

Fig. 3 is a view of a tube-container being closed at one of its ends by a cork.

Referring to Fig. 1, the container consists in the tube 1 made of flexible transparent material and is closed at both ends by metal strips 2 pressed upon the folded ends of the tube.

The container shown in Fig. 2 is at one of its ends closed in the same way as the one in Fig. 1 and has at its other end an outlet consisting in a part 3 fastened to the tube and ending in a pipe 4 which is provided with a screw-thread 5. The outlet is closed by a removable head 6 being screwed upon the pipe 4.

In Fig. 3 the tube 1 is closed at one end by

a strip 2 and at its other end by a cork 7.

The tube container may be made out of long tubes of flexible transparent material by cutting off short pieces according to the desired length of the container or by rolling plates of the same material over a mandrel and sticking the edges of the plates one to another.

Having now particularly described and ascertained the nature of my invention and in what manner it is to be performed, what I claim is:

In a tube container, in combination, a tube body consisting of "cellophan", a metal strip pressed upon one fold up end of said tube, a cylindrical part fastened to the other end of said tube ending in a pipe provided with a screw-thread and a head adapted to be screwed upon said pipe.

In testimony whereof I affix my signature.
STEPHEN BORUSS.

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