No. 693,136. Patented Feb. 11, 1902.

# F. W. HUMPHREYS.

## PHOTOGRAPHIC PACKAGE.

(Application filed Feb. 12, 1901.)

(No Model.)

Fig. 1.

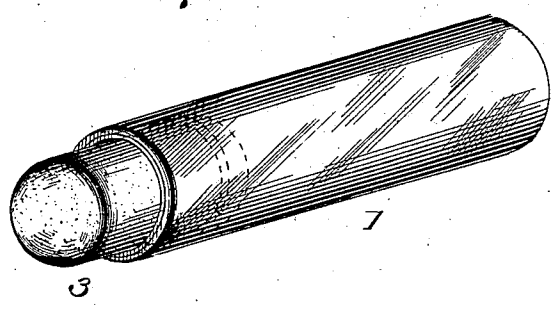



Fig. 2.

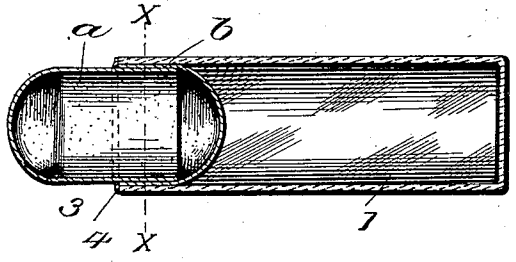



Fig. 3.

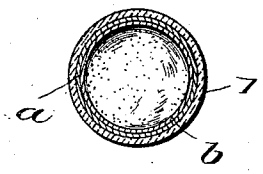
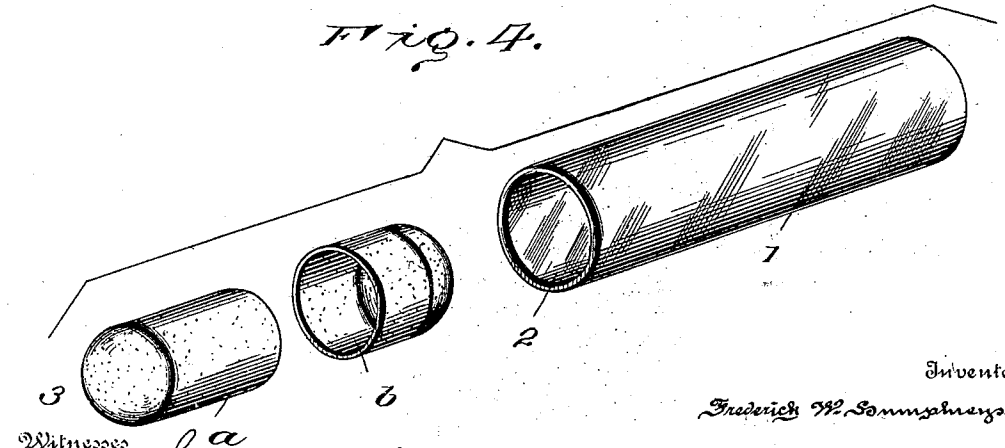



Fig. 4.




Witnesses

Inventor

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# UNITED STATES PATENT OFFICE.

FREDERICK W. HUMPHREYS, OF GERMANTOWN, PENNSYLVANIA, ASSIGNOR TO WAYNE CHEMICAL COMPANY, OF GERMANTOWN, PENNSYLVANIA, A CORPORATION OF NEW JERSEY.

## PHOTOGRAPHIC PACKAGE.

SPECIFICATION forming part of Letters Patent No. 693,136, dated February 11, 1902.

Application filed February 12, 1901. Serial No. 47,003. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK W. HUMPHREYS, a citizen of the United States, residing at Germantown, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Means for Packing Chemicals, of which the following is a specification.

The object of the invention is to provide simple, efficient, inexpensive, and compact means for packing and shipping chemicals, and more particularly photographic chemicals.

My invention consists in the photographic package hereinafter described and claimed.

The nature, characteristic features, and scope of the invention will be more readily understood from the following description, taken in connection with the accompanying drawings, forming a part hereof, in which—

Figure 1 is a perspective view of a bottle embodying features of the invention. Fig. 2 is a central longitudinal section through the same. Fig. 3 is a section on line *x x* of Fig. 2; and Fig. 4 shows, respectively, detail perspective views of the bottle and stopper.

In the example given in the drawings the bottle (represented by the numeral 1) is of glass, and the capsule-stopper 3 is the ordinary celluloid or gelatin capsule. The bottle 1 is here shown as a tubular member or vial, the open end or mouth 2 of which receives a flexible, expansible, and somewhat elastic hollow stopper 3. The latter is preferably a capsule composed of the sections *a* and *b* and of a size to frictionally engage the neck of the bottle. Thus the stopper becomes, in effect, a separate compartment of the bottle and affords a convenient means of shipping chemicals which must be kept separate, but which are intended to be used one after the other—for instance, powders for developing and toning solutions.

In practicing the invention I usually apply a coating 4, of paraffin or its equivalent, to the protruding portion of the capsule-stopper, so as to form an effectual seal for the bottle.

It will be obvious to those skilled in the art to which the invention appertains that modifications may be made in detail without departing from the spirit and scope of the invention. Hence I do not limit myself to the precise construction hereinabove described, and illustrated in the accompanying drawings; but,

Having now described the nature and objects of the invention, what I claim as new, and desire to secure by Letters Patent, is—

A package of chemicals consisting of a cylindrical body having the same cross-section throughout its length and open at one end, said body containing a powder, and a closed capsule inserted in said open end and also containing a powder, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

F. W. HUMPHREYS.

Witnesses:
K. M. GILLIGAN,
W. J. JACKSON.