

C. F. JENKINS.
 PACKAGE FOR CHEMICALS.
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949,708.

Patented Feb. 15, 1910.

Fig. 1.

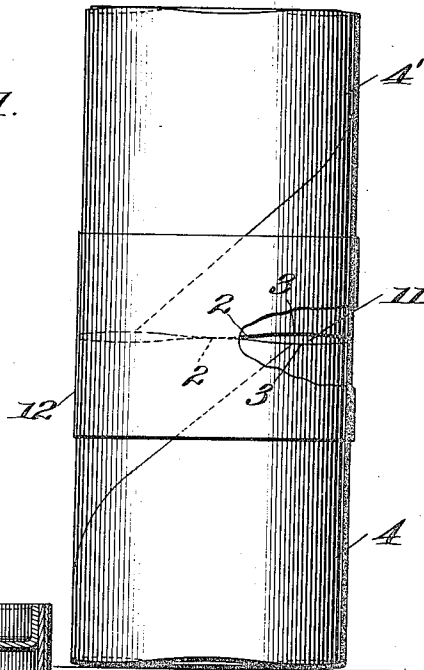


Fig. 2.

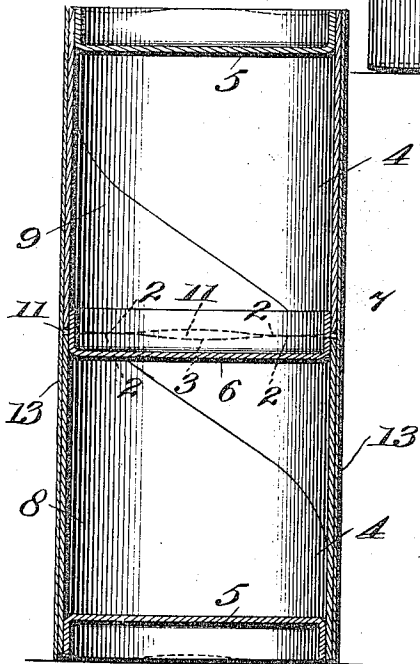


Fig. 3.

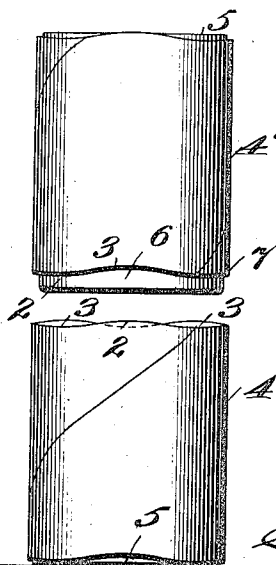
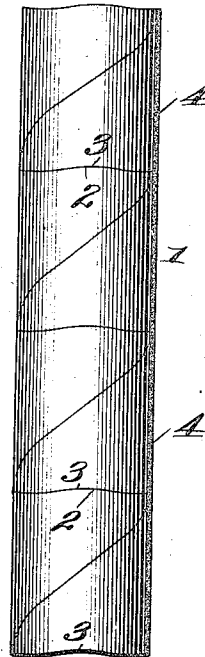


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES FRANCIS JENKINS, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR
TO SINGLE SERVICE PACKAGE CORPORATION OF AMERICA, OF NEW YORK, N. Y.,
A CORPORATION OF NEW JERSEY.

PACKAGE FOR CHEMICALS.

949,708.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES FRANCIS JENKINS, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Packages for Chemicals; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to packages provided with multiple chambers, and has for its object the production of a package of this nature especially adapted for holding photographic supplies or other chemicals; and one that will be cheap to manufacture, simple in construction and will be rigid when assembled.

To these ends the invention consists in the novel details of construction and combination of parts more fully hereinafter described and particularly pointed out in the claims.

Referring to the accompanying drawings forming a part of this specification in which like numerals designate like parts in all the views:—Figure 1 is a side elevational view of the completed article with certain parts broken away for clearness. Fig. 2 is a longitudinal sectional view of a slightly modified form. Fig. 3 is a view of the containers ready to be assembled. Fig. 4 is a view of a spirally wound tube from which the containers are cut.

1 indicates a tube of the well known spirally wound type, which may be cut by any suitable mechanism into a plurality of pieces along a curved or wabbling line, thereby forming raised portions 2 and sunken portions 3 on the pieces thus severed. These pieces are of suitable lengths to form containers 4, and said containers are closed in the well known manner at one end by flanged bottom closures 5, as illustrated. When a package is to be formed one of the containers 4' is in addition provided with a closure 6 whose flanges point in the same direction as the flanges of its corresponding bottom closure 5. The disk portion of said closure 6 is, however, extended beyond the edge 7 of its container 4' to form a seat for the abutting edge of the container 4, as best illustrated in Figs. 2 and 3. The open end

of the container or vessel 4 slips over the extended disk closure 6, as indicated, and thereby forms a package provided with a plurality of compartments 8 and 9; the compartment 9 being completely closed, and the compartment 8 being open when the vessel 4 is withdrawn from the vessel 4', as indicated in Fig. 3. When placing the two vessels 4' and 4 together, they are turned on their axes, so that the raised portions 2 of each vessel abut, as best illustrated in Figs. 1 and 2, while the sunken portion 3 of each vessel come opposite each other to form vacant spaces 11. Over the meeting edges of the vessels 4 and 4' is, or may be, secured a suitable short label, such as 12 in Fig. 1, or a longer label may be extended the entire length of the article, as shown at 13 in Fig. 2. When it is desired to use the contents of the vessels, it is only necessary to break the label around the circumference of the package, as by inserting a pin, the thumb nail, or a knife blade into the vacant spaces 11 and cutting the label; or the package may be taken in the hands and twisted on its axis in opposite directions, thereby breaking the label.

Heretofore photographic chemicals have been put up in separate packages. That is to say, when a plurality of chemicals to be mixed have been heretofore wrapped separately and placed in one receptacle, oftentimes the chemicals have become mixed and their usefulness thereby destroyed. In the package above described, however, these objections are eliminated because each container constitutes in effect a separate package, which precludes all liability to accidental mixing of the chemicals.

What I claim is:—

1. A package comprising a plurality of tubular sections provided with abutting meeting edges, one of which has a projecting portion against which the other edge contacts, thereby providing between said edges, when in their assembled relation, a space 11; and a label covering the said edges and holding said sections together, substantially as described.

2. A package comprising a plurality of tubular sections having abutting edges; closures for the individual sections; the meeting edge of one of the said sections having a projection adapted to provide a space between

said edges when in their assembled relation; and a sealing strip overlying said edges to hold said sections together, substantially as described.

5 3. A package comprising a plurality of tubular sections having irregular meeting edges; said edges adapted when assembled to form spaces therebetween; and a label covering said edges and holding said sections in
10 their assembled relation, substantially as described.

4. A package comprising a tube having a closure at each end and one end of which is provided with an uneven edge; a second tube
15 closed at one end and provided at its other end with an uneven edge adapted to abut said first named edge; said uneven edges of the two tubes adapted to be held in an abutting relation providing spaces between said
20 edges; and a label adapted to secure the said tubes in their abutting relation, substantially as described.

5. A package comprising a spirally wound tubular section having at one end a flanged closure and provided at its other end with
25 an uneven edge; a second spirally wound tubular section having at one end a flanged closure and provided at its other end with an uneven edge and also with a flanged disk
30 closure, the disk of which extends beyond said latter uneven edge to form a seat for said first mentioned edge; the said uneven edges being so abutted as to provide spaces therebetween; and a label overlying said

edges and adapted to secure the said sections 35 in their assembled relation, substantially as described.

6. In a package the combination of a tube having at one end a flanged closure provided at its other end with an uneven edge; a sec- 40 ond tube closed at each end by a flanged disk closure, the flanges of which point in the same direction and the disk of one of which extends beyond the end of the said tube to form a seat for the said uneven edge; one of 45 the ends of the said second tube being also provided with an uneven edge adapted to so abut said first mentioned edge as to provide spaces between the same; and a label adapted to secure said sections in their assembled 50 relation, substantially as described.

7. A package comprising an open ended tubular receptacle provided with a bottom closure; and a second tubular receptacle also provided with a bottom closure and an un- 55 even edge adapted to abut said first receptacle and having a flanged disk top closure, the disk of which extends beyond the top edge of said second receptacle to form a seat for the open end of said first mentioned 60 receptacle, substantially as described.

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

CHARLES FRANCIS JENKINS.

Witnesses:

R. M. PARKER,

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