July 4, 1939. F. J. PETERSON ET AL 2,164,719

CONTAINER FOR PILLS, CAPSULES, AND THE LIKE

Filed Jan. 15, 1938

Fig. 1.

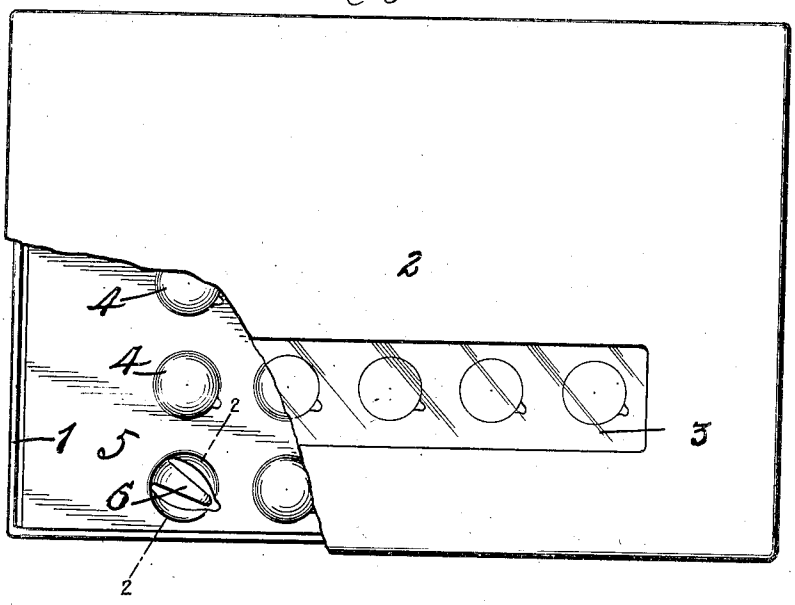


Fig. 2.

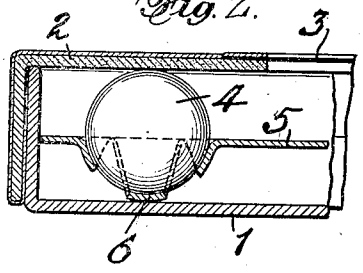
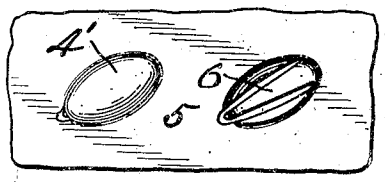


Fig. 3.



INVENTORS
F. J. PETERSON
E. A. RUSSELL
BY
Mitchell & Bickert
ATTORNEYS

Patented July 4, 1939 2,164,719

UNITED STATES PATENT OFFICE

2,164,719

CONTAINER FOR PILLS, CAPSULES, AND THE LIKE

Frederick J. Peterson, College Point, and Earl A. Russell, Tonawanda, N. Y.; said Peterson assignor to Shoup-Owens, Inc., Hoboken, N. J., a corporation of New Jersey, and said Russell assignor to Spaulding Fibre Co. Inc., Tonawanda, N. Y., a corporation of New Hampshire

Application January 15, 1938, Serial No. 185,132

1 Claim. (Cl. 206—42)

This invention relates to new and useful packaging means for holding capsules, pills and the like.

The main object of the invention is to provide a novel and effective means for properly holding in spaced relation in a boxlike container a plurality of capsules.

In the accompanying drawing—

Fig. 1 is a plan view of the container, a portion of the cover being broken away;

Fig. 2 is a relatively enlarged, sectional view on the line 2—2 of Fig. 1;

Fig. 3 is a fragmentary plan view of a modification.

1 represents the bottom section of a box body. 2 represents the cover section of said body. The sides of the top and bottom sections telescope in the usual manner. 3 represents a transparent window ordinarily provided in the cover section, whereby inspection of a portion of the contents of the box is possible. 4—4 represent a plurality of capsules. The present invention is particularly useful for the packaging of capsules which are ordinarily hollow bodies of a gelatinous substance containing a medicament. These capsules may be spherical, as shown in Fig. 2, or in the form of an oblate spheroid, as indicated at 4' in Fig. 3. 5 represents a transverse partition, provided with a plurality of specially formed pockets or sockets for the reception of the capsules. This partition 5 is preferably made of a resilient fibrous sheet material, upon which the capsules may be directly supported without injury or without sticking thereto. Each socket is formed by depressing (by means of a suitable die or other appropriate tool) a portion of the partition 5 and by preferably at the same time slitting the depressed portion so as to form a resilient tongue 6 integral at one end with the partition and extending across the bottom of each socket. This tongue serves to yieldingly support the partition above the bottom 1 of the box and also to separate the capsule from the box bottom so that it cannot stick thereto. The box cover 2 may be made of, or lined on the inside with, any material that will not injure or stick to the gelatinous surface of the capsules. The resilient tongues serve to hold the socketed portions of the partition sufficiently above the bottom of the box so that the capsules may be seated therein deeply enough to prevent all possibility of lateral displacement. When the cover is lifted individual capsules may be easily removed by being grasped on opposite sides between the thumb and forefinger, the adjacent portion of the partition 5 being depressed against the tension of the tongue 6 sufficient to partially eject the capsule from its socket to permit the capsule to be easily grasped for removal. In Figs. 1 and 2 we have shown the sockets of a shape to receive capsules of spherical form, whereas in Fig. 3 the sockets are elongated to adapt them to receive capsules of elongated form. By the term "capsule" as used in the following claim we mean to include pills or the like.

We claim:

A package for capsules, comprising a box body, a flat horizontal partition therein spaced above the bottom of said body, a plurality of depressions in said partition shaped to receive capsules therein deeply enough to hold them from lateral displacement, said depressed portions being slitted to form integral yielding supports underlying said capsules, an individual capsule being easily removable by depressing that portion of said partition adjacent thereto against the tension of the underlying support sufficient to eject the capsule from its socket enough to permit the same to be grasped and removed by the thumb and forefinger.

FREDERICK J. PETERSON.
EARL A. RUSSELL.