

April 8, 1924:

1,489,557

V. TIMITCH

FRAGILE ARTICLE PROTECTOR

Filed Sept. 11, 1922

FIG. 1

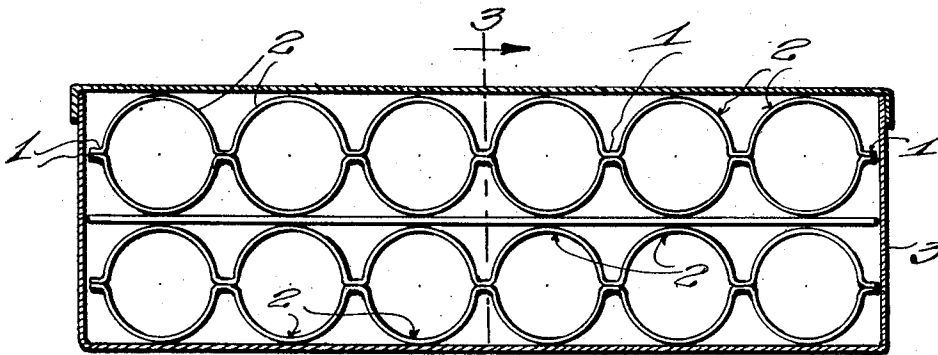


FIG. 2

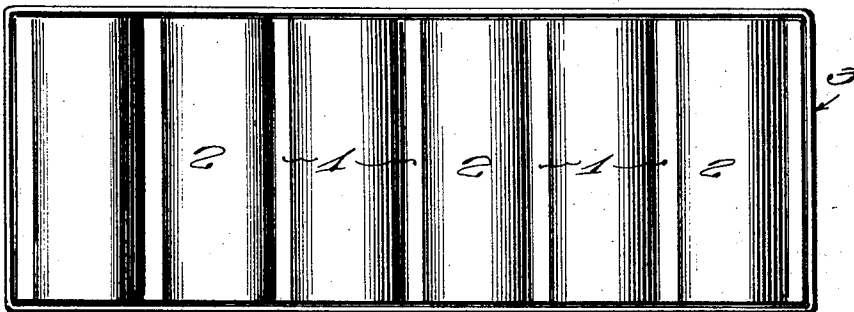


FIG. 3

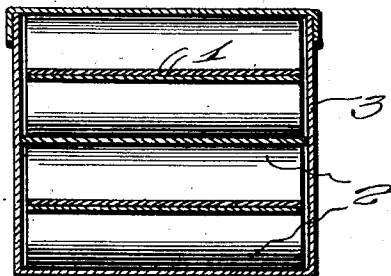
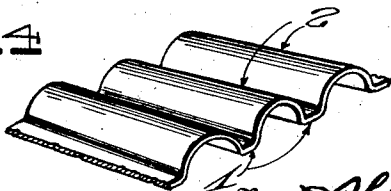


FIG. 4



Inventor

V. Timitch

*W. B. Wilson & Co.*  
Attorneys

## UNITED STATES PATENT OFFICE.

VELIMIR TIMITCH, OF LINCOLN, NEBRASKA.

## FRAGILE-ARTICLE PROTECTOR.

Application filed September 11, 1922. Serial No. 587,399.

*To all whom it may concern:*

Be it known that I, VELIMIR TIMITCH, a citizen of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Fragile-Article Protectors; and I do 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.

My invention relates more particularly to packing cells for reception in shipping containers to hold fragile articles, particularly confectionery, against breakage during handling and shipping. I am aware that numerous similar protectors have been provided for this purpose, but it is the aim of my invention to provide a construction which will be of extreme simplicity, yet will give better protection to the articles than devices now commonly used.

With the foregoing in view, the invention resides in the novel subject matter herein-after described and claimed the description being supplemented by the accompanying drawings.

Figure 1 is a longitudinal sectional view of a box containing a pair of the improved protectors.

Figure 2 is a top plan view with the cover of the box removed.

Figure 3 is a transverse sectional view on line 3—3 of Fig. 1.

Figure 4 is a sectional perspective view of a portion of one of the protectors.

In the manufacture of my invention, I employ two uniform sheets of cardboard or other appropriate sheet material having sufficient rigidity to prevent easy crushing. Each of these sheets is formed by suitable dies or rollers, so that it is provided with a plurality of relatively long and narrow flat areas 1 disposed in parallel relation with each other, spaced apart equidistantly, and extending either throughout the length or width of the sheet. Between the areas 1, each sheet is bowed into channel formation as indicated at 2. The two sheets cooperate with each other in forming a protector consisting of a plurality of spaced cylindrical cells to contain the candy or other articles

to be protected. While it is preferable that the two sheets shall not be secured to each other, in order that the channels of the one sheet may be filled and the other sheet then applied, it will be understood that in some instances, the flat portions 1 might be glued or otherwise secured to each other, in which instance it would be necessary to fill the cells from one end or the other.

Any desired number of the protectors may be placed in a box or the like, such as that indicated at 3 in the drawings and each of the sheets of material of which the protectors are formed, preferably terminates in one of the flat portions 1, whereby the endmost cells are spaced from the ends of the box and thus there is less danger of crushing their contents.

By the simple and inexpensive construction shown and described, a device is provided which will be highly advantageous to prevent the crushing of fragile confections and the like and since excellent results may be obtained from the details disclosed, I prefer that they be followed. However, within the scope of the invention as claimed, minor changes may of course be made.

I claim:

An article of the class described comprising a box, a plurality of protectors for fragile articles arranged in superposed relation within the box and resting directly upon one another, each of said protectors being composed of a pair of elongated sheets of flexible material and each sheet of each pair being bowed at longitudinally spaced points to provide a plurality of longitudinally spaced channel-shaped portions, the channel-shaped portions extending transversely of the sheet from one longitudinal edge to the other corresponding edge and being aligned with the correspondingly shaped portions of the complementary sheet of the pair so as to form a plurality of two-part open ended cells of uniform diameter from end to end, the open ends of the cells being disposed against the walls of the box to permit the latter to serve as closures for the ends of the cells.

In testimony whereof I have hereunto affixed my signature.

VELIMIR TIMITCH.