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I. S. LERMER

2,258,777

PACKAGING DEVICE

Filed June 10, 1939

Fig. 1

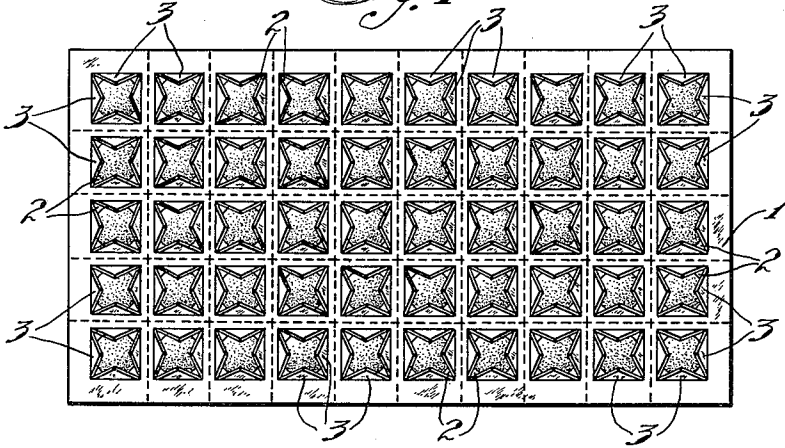


Fig. 2

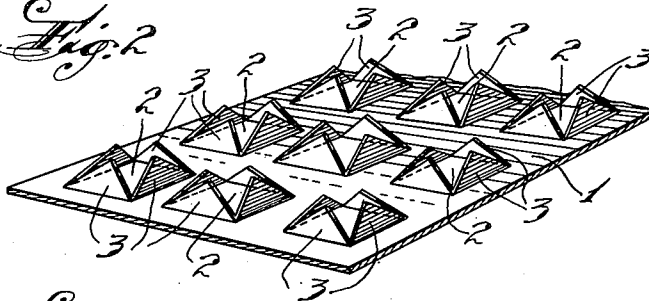


Fig. 3

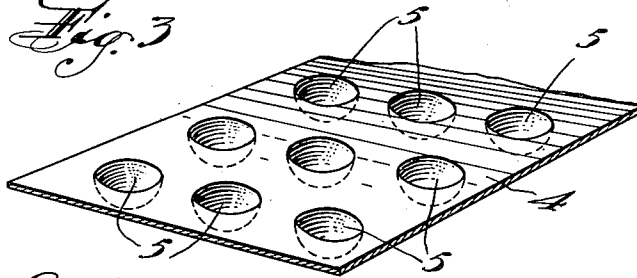
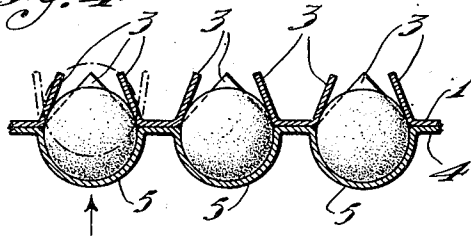


Fig. 4



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PACKAGING DEVICE

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Application June 10, 1939, Serial No. 278,395

2 Claims. (Cl. 206—42)

This invention relates to improvements in devices for packaging pills, capsules, and relatively small articles.

Heretofore, pills, capsules and the like have been packaged between two sheets of transparent material, the sheets being sealed together. While this means of packaging protects the articles from dust and foreign matter, they cannot be easily removed.

It is, therefore, an object of this invention to provide a packaging device in which the articles are placed between two sheets of suitable material, the sheets being constructed in such a manner that the articles are securely held in place, and can be conveniently and readily removed when so desired.

It is a further object of this invention to provide a packaging device especially designed for the packaging of pills, capsules and the like, which device is so constructed that it prevents contact of the articles being packaged with portions of the box or container for the device.

A further object of the invention is the provision of a packaging device having a plurality of apertures therein surrounded by relatively resilient prong-like members which firmly grip the article being packaged; and which enable such articles to be conveniently and readily removed.

A further object is the provision of a packaging device having a sheet of transparent resilient material provided with a plurality of apertures surrounded by a plurality of prongs, and a sheet of transparent material having a plurality of depressions coinciding with said apertures, said sheets of material being sealed together to securely hold articles in the packaging device.

These and other advantageous objects, which will later appear, are accomplished by the simple and practical construction and arrangement of parts hereinafter described and exhibited in the accompanying drawing, forming part hereof, and in which:

Fig. 1 is a plan view of a packaging device,

Fig. 2 is a perspective view of one member of the device,

Fig. 3 is a perspective view of another member of the device, and

Fig. 4 is a sectional view of a portion of the device.

Referring to the drawing, the packaging device is shown to comprise a sheet 1, preferably of transparent resilient material, which material may be a cellulose product; however, the material may be cardboard or a flexible material of any composition. The sheet 1 is provided with

a plurality of apertures 2, the portions of the sheet surrounding the apertures being struck upwardly to provide triangular prongs 3.

In the drawing, the apertures are shown to be rectangular in shape with the prongs 3 at right angles to each other. It should be noted, however, that the apertures can be of other shapes without departing from the spirit of the invention, it being necessary to provide at least two or more prongs.

In Fig. 3 is shown the other element of the device, which comprises a sheet 4 of substantially the same material as sheet 1, and having a plurality of depressions 5 therein which coincide with the apertures 2 in sheet 1.

In packaging articles such as pills, capsules or the like, the articles are placed in the depressions 5 after which the sheet 1 is placed over sheet 4 with the articles extending upwardly into the apertures 2. The two sheets are then sealed together to securely hold the articles in the depression 5 in place. The sheets may be sealed by heat, by a solvent, by a cement or glue, or clipped together.

As is shown in Fig. 1, the articles would be arranged in rows, and accordingly when the two sheets are sealed together the rows may be separated by perforations, which would enable a single row to be torn readily from the package so that a small number of the articles can be conveniently carried in the pocket or elsewhere when desired. When it is desired to remove an article from the package, the article is pressed upwardly from the depression sheet 4 through an aperture 2.

From the above description it will be seen that there has been provided a highly practical device for packaging pills, capsules or similar articles. The package being made of transparent material, enables ready inspection of the contents thereof; and since the two sheets are sealed together the articles in the package are securely held in place and protected from dust and foreign substances, at the same time the articles can be readily removed when so desired, and furthermore, prevents contact of the articles being packaged with portions of the box or container for the device.

The foregoing disclosure is to be regarded as descriptive and illustrative only, and not as restrictive or limitative of the invention, of which, obviously, embodiments may be constructed, including many modifications, without departing from the spirit and scope of the invention herein set forth and denoted in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. In a packaging device for pills, capsules and the like, a sheet of transparent material having a plurality of spaced semi-spherical depressed portions arranged in rows and adapted to receive the articles being packaged, a second sheet of transparent resilient material positioned above said first sheet and having a plurality of apertures directly above the depressed portions in the first sheet, said second sheet having a plurality of inwardly directed prongs surrounding each aperture, said prongs being substantially triangular in shape and inclined upwardly towards each other, said prongs being resiliently, hingedly connected with said second sheet and overhanging the depressed portions to releasably, resiliently hold the articles downwardly in said depressed portions and means to secure said sheets together, said sheets having perforations between said rows

to enable the ready removal of a row when so desired.

2. In a packaging device for pills, capsules and the like, a sheet of transparent material having a plurality of spaced semi-spherical depressed portions arranged in rows and adapted to receive the articles being packaged, a second sheet of transparent resilient material positioned above said first sheet and having a plurality of apertures directly above the depressed portions in the first sheet, said second sheet having a plurality of inwardly directed prongs surrounding each aperture, said prongs being substantially triangular in shape and inclined upwardly towards each other, said prongs being resiliently, hingedly connected with said second sheet and overhanging the depressed portions to releasably, resiliently hold the articles downwardly in said depressed portions and means to secure said sheets together.

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