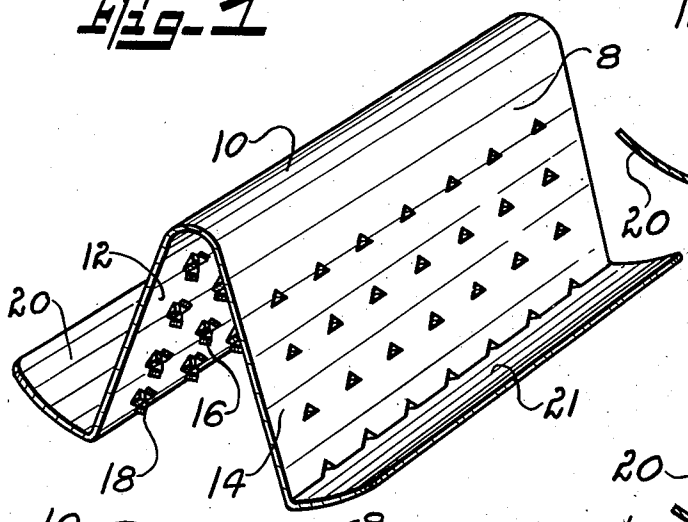
July 9, 1940. I. COHEN 2,207,286

HOLDER FOR ARTICLES TO BE GRATED

Filed Nov. 29, 1938

Fig. 1



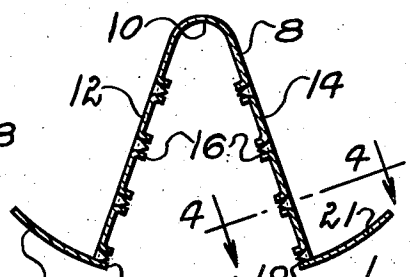


Fig. 2

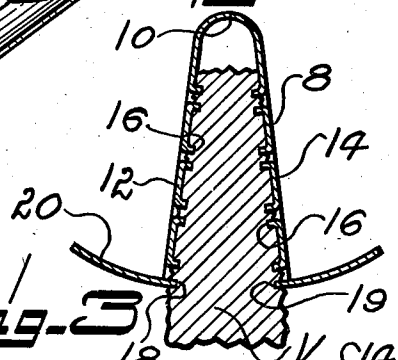
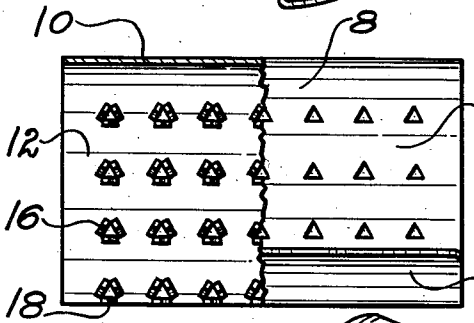


Fig. 3



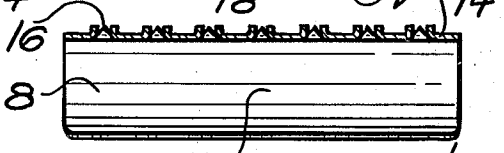


Fig. 4

Fig. 5

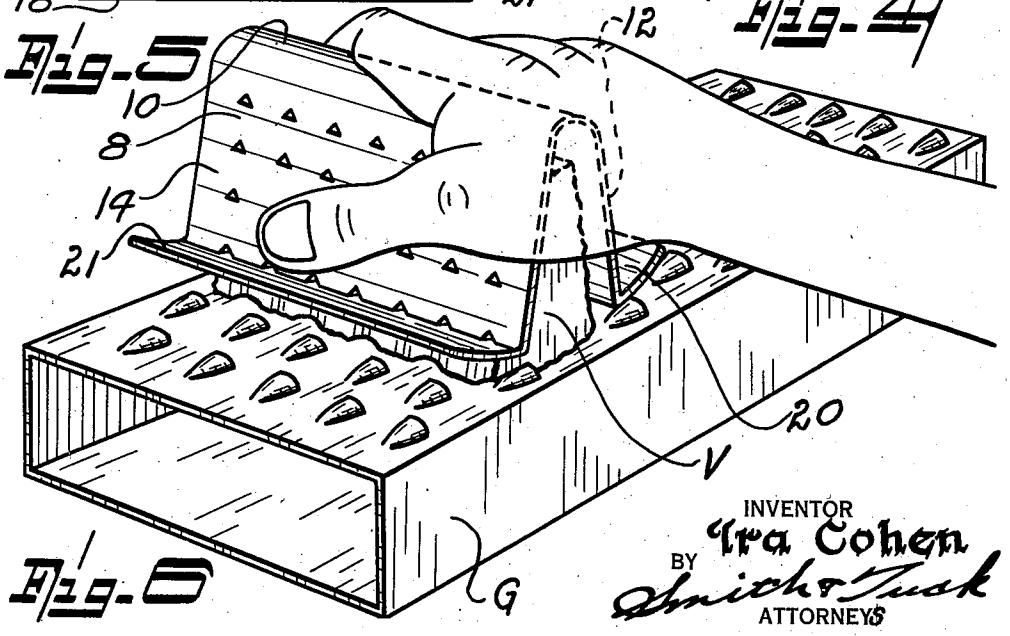


Fig. 6

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HOLDER FOR ARTICLES TO BE GRATED

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Application November 29, 1938, Serial No. 243,039

1 Claim. (Cl. 146—216)

My present invention relates to the art of kitchen utensils and more particularly to a holder for articles to be grated.

This device is intended for use with the conventional shredder, or grater. It is intended to be made of resilient material which will grip a vegetable, or fruit, or a piece of cheese, chocolate, or the like, or a plurality of them, and hold it so that it can be grated, or shredded, on a sharp toothed grater without any danger of the operator pressing the tips of the fingers or other parts of the hand on the cutters of the grater.

Grated salads are enjoyed by large numbers of people and to grate or shred the more woody fruits or vegetables, particularly carrots and the like, it is necessary that the grater or shredder used be provided with keen, sharp teeth. This, however, creates such a hazard, that many housewives will not grate the more woody vegetables which are popular in salads and the like. It is, therefore, the purpose of my present device to assist in securely holding one vegetable, or more, or slices of large vegetables, in a position so that maximum use may be had of the grating, or shredding, surface and, at the same time, to so guard the fingers that it is impossible to cut or otherwise injure them during the shredding operation.

Other and more specific objects will be apparent from the following description taken in connection with the accompanying drawing, wherein

Figure 1 is a perspective view, showing a desirable form of my device.

Figure 2 is a typical, cross-sectional view through the device of Figure 1.

Figure 3 is a view similar to Figure 2 but showing the same as engaging a vegetable strip.

Figure 4 is a cross-sectional view taken along the line 4—4 of Figure 2.

Figure 5 is a side elevation of my vegetable holder, a portion of which is broken away and shown in section to better illustrate the structure.

Figure 6 is a perspective view, showing the manner in which my vegetable holder is used with a conventional type of shredder.

Referring to the drawing, throughout which like reference characters indicate like parts, 8 generally designates the body of my device. This I form, preferably, of rustless metal which also has a certain amount of resiliency. Many materials are suitable for this use, including steel that has been treated, or the various stainless steels, and certain of the non-ferrous alloys provided they have the desired spring quality.

In forming my device I first provide a central bend at 10 which should be of a size that can be gripped easily in the hand and will be as small, normally, as the smaller vegetables that will be used in the device. This bend joins diverging side members 12 and 14 on which are provided vegetable securing points. One convenient way of forming these, if metal rather than plastic material is used, is to strike inwardly with a pointed tool so as to provide a plurality of perforations as 16 with the metal broken in the perforating operation disposed inwardly after the showing particularly of Figures 2 and 3. In this connection it is desired to point out that one row of these perforations should be disposed near the bottom of each side as at 18 and 19.

On the lower edge of sides 12 and 14 I provide that the metal be out-turned after the showing of the various views so as to form the two guard members 20 and 21. These may take any desired shape and, possibly, for certain types of graters it might be desirable to curve them more than shown in the drawing. However, the form shown has proved very satisfactory and the curved guard members 20 and 21 serve to guide the holder, when almost all of the vegetable has been grated, and permit a slight rocking movement during the grating operation.

Method of operation

In using my device the vegetable, fruit, or other food, as V may be sliced into reasonably long pieces or a plurality of vegetables such as carrots, parsnips, or celery, may be gripped by placing them in the open V formed by the device and then pressing inwardly with the thumb and fingers after the showing of Figure 6. When this is done the points provided by perforations 16, 18, and 19 will fully engage the vegetable after the showing of Figure 3. The vegetable then is passed back and forth over the grater G in the manner now commonly employed by housewives. When the material is grated off the bottom of the vegetable until guards 20 and 21 come in close proximity to the grater surface, pressure can be released on the holder and, due to the resiliency of the same it will spring open again to the position shown in Figures 1 and 2 thus dropping the vegetable. The holder may then be raised to a higher position where pressure is again applied so as to again grip the vegetable. This is repeated until the vegetables have all been shredded or grated.

In forming such a device the material of which body 8 is formed should be reasonably light so that if one carrot which might be disposed at

one end of the grater, for instance, were larger in diameter than the one at the other end, the holder can be deformed by the inward pressure so as to adequately grip at the same time the vegetables of different sizes.

The foregoing description and the accompanying drawing are believed to clearly disclose a preferred embodiment of my invention but it will be understood that this disclosure is merely illustrative and that such changes in the invention may be made as are fairly within the scope and spirit of the following claim.

I claim:

An article holder of inverted V-shape and fashioned of resilient material, said holder comprising compressible jaws that are spring-opened, the article being confined to the planes coincident with the compressed jaws each of said jaws at its free lower edge having a row of teeth on adjoining faces of the jaws, said free lower edges terminating in out-turned flanges, and said flanges being arcuate-shaped in a cross section taken in a plane at right angles to the faces of the jaws and the axes of curvature of said flanges being positioned adjacent the apex of the holder to provide rocking-guides on their outer faces.

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