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SIZE-REDUCIBLE BOX.

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To all whom it may concern:

Be it known that I, HOWARD F. MARSTON, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Size-Reducible Boxes, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to improvements in size reducible boxes, more particularly such boxes designed for containing tobacco in granulated or shredded form, or so called "fine-cut," from which the user will take off 15 quantities for his pipe or cigarette or for chewing purposes.

In the tobacco boxes now in use for these purposes the boxes are of fixed size, while the contents gradually reduce with their use, 20 until it shortly becomes troublesome and difficult to remove the tobacco from the box due to the shallowness of the quantity and the comparatively great depth of the box. As the quantity lessens this condition becomes 25 more and more aggravated until finally the user has to commonly resort to the use of his pencil or other instrument to reach down into the box and dig up or loosen a quantity of the tobacco.

30 It is the object of my invention to overcome this prevalent and objectionable condition, to which end my invention consists:—

35 First, and generally, in making my improved box of two sections which are adjustable with reference to each other so that the mouth of the box can be lowered as the contents are withdrawn, whereby there will be no condition when the contents cannot be 40 readily reached from the mouth of the box.

Second, and more specifically, in combining with such reducible box a frangible lining or carton for containing the tobacco contents, such frangible element being reducible in size, as by cutting or tearing off 45 portions thereof, as the box is reduced in size with the progressive removal of the contents.

50 Third, in providing the two sections of the box with serrated portions which will secure the sections against dropping or pulling apart and yet will permit the sections to slide on each other to allow of reducing the size of the box as the contents lessen.

55 These several objects are carried into effect by that form of my invention which I

have selected for illustration in the accompanying drawing.

In these drawings—

Fig. 1 is a perspective view of my improved box when of normal size;

Fig. 2 is a vertical sectional view of such box also in normal size, and showing the enclosed carton of normal size also;

Fig. 3 is a like sectional view showing the box in reduced size and likewise the carton, in full lines, reduced in size; and

Fig. 4 is a vertical sectional view of a present style of tobacco box showing the contents reduced below accessibility by the fingers, with the carton and box still of full size.

In the drawings the numeral 1 indicates the base section of my improved box and 2 the top section. These sections are preferably of the wide and thin type shown having broad sides 3 and narrow ends 4. But they may be of cylindrical or other shapes.

The surface 5 of section 3 is serrated, as by being struck up, and the surface 6 of section 2 is complementarily serrated, while one section is fitted within the other so that the two sections have a sliding relation and the serrated surfaces will act to hold the sections in adjusted positions and yet permit of the movement of one section on the other, thus forming a sort of yieldable lock or frictional grip.

When the sections are distended, as shown in Figs. 1 and 2, the box is of normal size and the contents substantially flush with the mouth of the box, as shown at 7 in Fig. 2. But as the contents are removed by lifting the lid 8 which is secured to the upper section by a hinge 9, the upper line of the contents will be lowered and before the lid is closed the user will press the sections together and reduce the size of the box so that the mouth 7 will continue to be approximately in line with the top of the contents.

The contents are indicated by the numeral 10 and the carton or enclosing wrapper is indicated at 11 and is usually made of paper. As the contents are lowered the user will preferably remove the upper empty portion of the carton which is, as stated, frangible and may be torn or cut off. The mouth of the upper section being lowered to agree with the surface of the contents, as suggested by the contents line 12, the frangible carton can readily be torn or cut off and thus made to agree with the reduced size of the box.