

June 11, 1935.

E. W. CURTIS, JR

2,004,501

CONTAINER

Filed Oct. 11, 1933

2 Sheets-Sheet 1

Fig. 1.

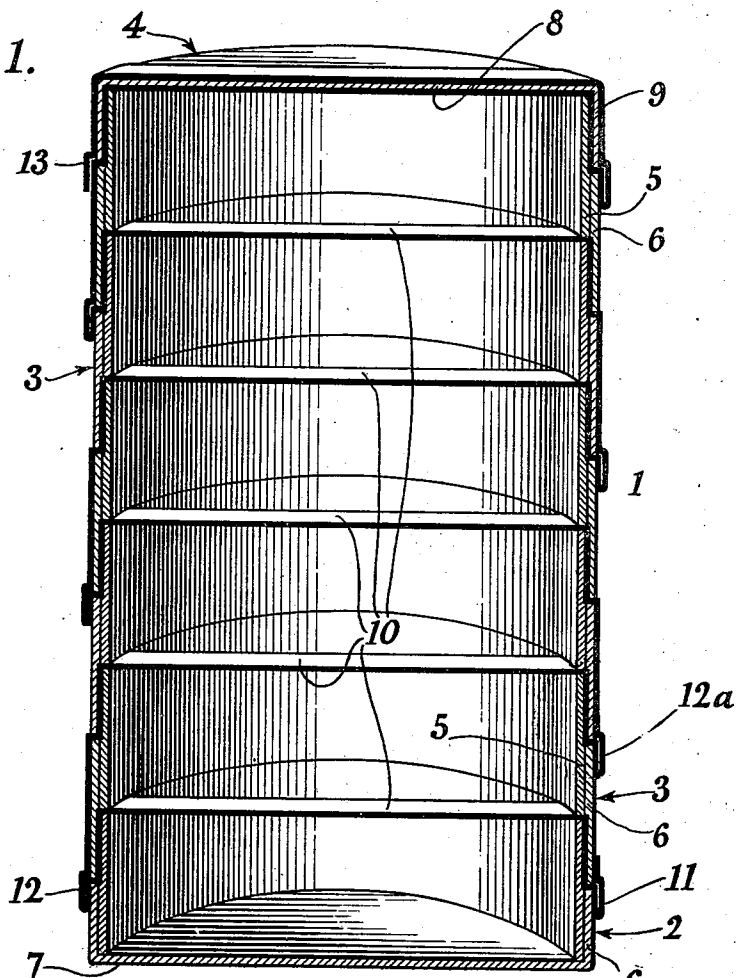
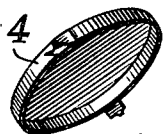


Fig. 2.
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Fig. 3.

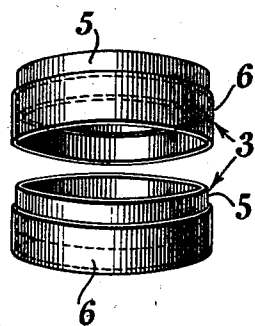
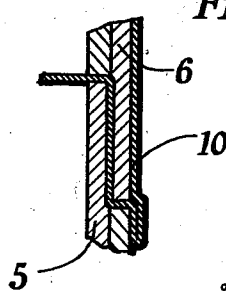


Fig. 4.



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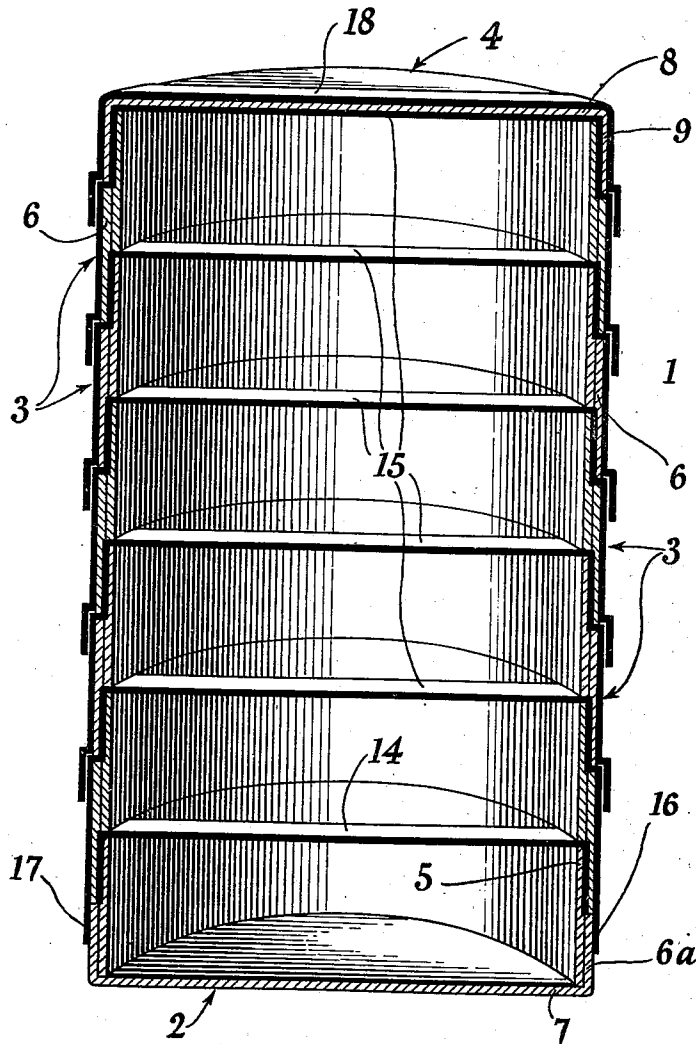
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Fig. 5.



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UNITED STATES PATENT OFFICE

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CONTAINER

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Application October 11, 1933, Serial No. 693,061

5 Claims. (Cl. 229-6)

This invention relates to containers and more particularly to containers for a series of similar objects, as for instance, typewriter ribbons, or the like.

The primary object of the invention is to produce a sectional container, the sections of which interfit and are individually detachable to reduce the size of the container without rendering it incomplete as the objects contained, as for instance, typewriter ribbons, are removed one at a time.

A specific object is to provide a sectional container capable of being reduced in size as the contents are removed and having a seal arranged to prevent the removal of a section or the removal of its contents without disclosing such removal by the breaking of the seal.

A further object is to provide an individual seal for each section of the container so that when one section is emptied and removed from the container the remaining sections will remain sealed.

A still further object is to provide means for detachably securing and sealing the sections of a container to prevent the accidental separation thereof.

To the accomplishment of these objects one embodiment of the invention resides in the construction and arrangement hereinafter more fully described, illustrated in the accompanying drawings and defined in the appended claims.

In the accompanying drawings:

Figure 1 is a perspective of a vertical section of the container, showing the construction of the interfitting sections with a single sealing strip in place.

Fig. 2 is a perspective view of the container on a smaller scale.

Fig. 3 is a perspective view of two typical sections of the container in juxtaposition.

Fig. 4 is an enlarged sectional view of a part of the wall of the container, showing the sealing strip in place at the juncture of two sections.

Fig. 5 is a perspective of a vertical section of the container showing a modified form and manner of sealing the several sections.

In the container 1, as shown in Figs. 1, 2, and 5, I provide a bottom section 2, with extension sections 3 and a cover 4.

Each section is composed of inner and outer, partially overlapping bands 5 and 6, respectively.

The outer band 6a, of the bottom section extends upwardly from the bottom wall 7, which is the bottom of both the bottom section 2 and

the container 1. When the sections are assembled into a complete receptacle they interfit, the lower half of each outer band 6, fitting closely over the upper half of the inner band 5, of the adjacent section. This brings the outer bands 6, into contact and as all of said bands are of the same diameter they combine to form a smooth and uniform exterior for the container. Similarly, all inner bands 5, are in contact so that the interior of the container is likewise smooth and uniform.

The cover 4, includes a top wall 8, and a cover flange or band 9, which fits over the inner band 5, of the top section and completes the uniform, cylindrical, outer contour of the covered receptacle or container 1.

To seal the container a single strip of paper 10, of sufficient length to cover all sections is shown in Figs. 1, 2, 3 and 4. When a ribbon or other merchandise has been placed in the bottom section 2, the sealing strip 10, is first gummed to the outer wall of the bottom section 2, as at 11, leaving a short free end and is then carried across said section and gummed to the opposite side thereof, as at 12. When an extension section 3, is fitted to the bottom section 2, the short free end of the sealing strip is doubled back and gummed at 11, to the section 3, to hold the two sections together. After another ribbon or the like, has been placed in this extension section 3, the sealing strip 10, is brought up from where it was gummed at 12, and is carried across the open top and gummed to the outer wall, as at 12a. If another extension section 3, is fitted into place and filled the sealing strip 10, is carried back in the opposite direction and gummed to the outer wall as before.

The sealing strip may either be pregummed or the adhesive may be applied as required after positioning.

It will be noted that the sealing strip 10, is applied in a "zig-zag" manner to seal successive sections and is finally brought over the cover 4, and gummed as at 13, to the uppermost section of the container to seal the top or cover in place. It will now be seen that we have produced a sectional, sealed container the sections of which have been individually sealed.

It will be observed that whereas the paper sealing strip has served both as a top and a bottom for each section and the typewriter ribbons have rested one upon the other, due to their width, the sealing strip may be of any suitable fabric and of sufficient width to give

proper support to any other objects that may be contained therein.

When it is desired to remove the contents of the first section of the container the cover 4, is raised by breaking the seal and the contents may only then be removed by breaking the seal again. The empty section, no longer required, is removed by breaking the seal at the juncture of this and the adjacent section below. The cover 4, may now be replaced on the next full and fully sealed section.

A modified form of breakable seal is shown used in connection with a container of identical construction in Fig. 5, in which separate lengths of paper or fabric are employed for sealing and securing the sections. A sealing strip 14, is placed across the bottom section 2, and gummed at opposite sides of the inner band 5. With an extension 3, in place above, a somewhat longer sealing strip 15, is gummed to the outer band 6a, of the bottom section 2, at 16 and is carried across the open top and down to a point opposite on the bottom section and gummed, as at 17. The extension section 3, is thus sealed and secured to the bottom section 2. If another extension section 3, is fitted into place and filled, a sealing strip 15, of similar length is gummed at a point on the outer band 6, of the extension section below and brought over and gummed at a point on said outer band opposite, as described. When the cover 4, is in place the sealing strip 18, is gummed to the outer wall 6, of the extension section 3, below and is brought over and gummed opposite to secure the cover

4, to the sectional container so that, as in the arrangement first described the sections are individually and collectively sealed.

It is thought from the foregoing, the illustrated construction will be clearly understood but I reserve the right to effect such structural modifications and variations as may come fairly within the scope of the protection prayed.

What I claim is:

1. A container including interfitting sections 10 and a sealing strip secured externally to a section and extending between two sections to seal the contents of one section and to support the contents of another section.

2. A container including interfitting sections 15 and a sealing strip externally connecting and sealing two sections and extended between two sections to seal the contents of one section after the removal of another section.

3. A container including interfitting sections 20 and a continuous sealing strip connecting all sections externally and extended across the receptacle between the sections to seal the contents thereof.

4. A container composed of interfitting sections 25 and a breakable continuous sealing strip led back and forth across the receptacle between the sections thereof.

5. A container composed of interfitting sections and a continuous sealing strip led back 30 and forth across the receptacle between the sections thereof and forming an exterior seal connecting all sections.

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