Oct. 7, 1924. 1,510,508

V. C. SNYDER

CIGAR BOX

Filed Nov. 29, 1920

Fig. 1

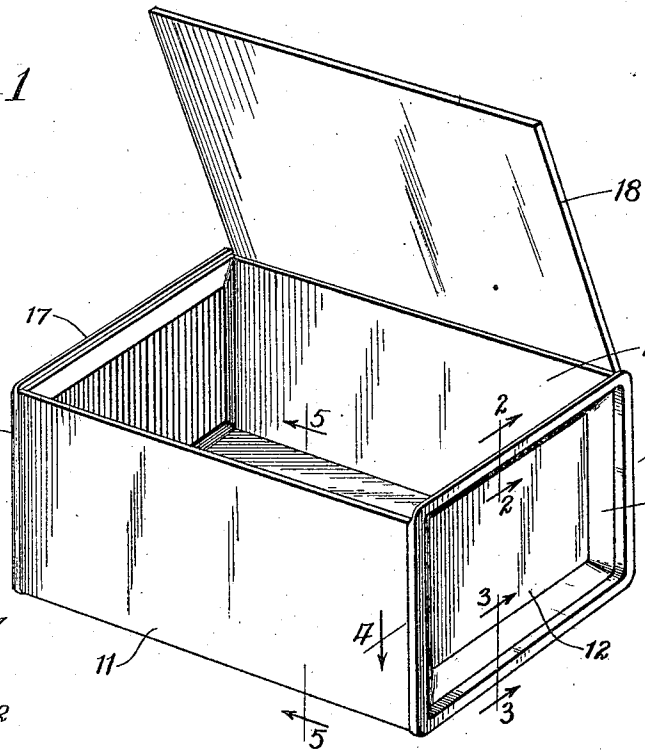


Fig. 2

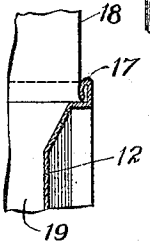


Fig. 3

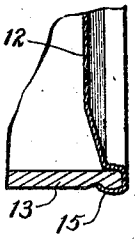


Fig. 4

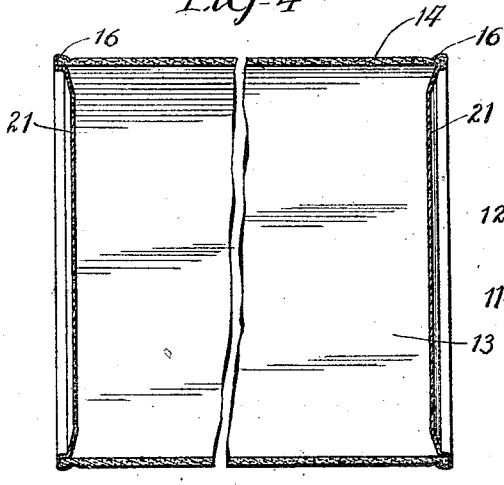
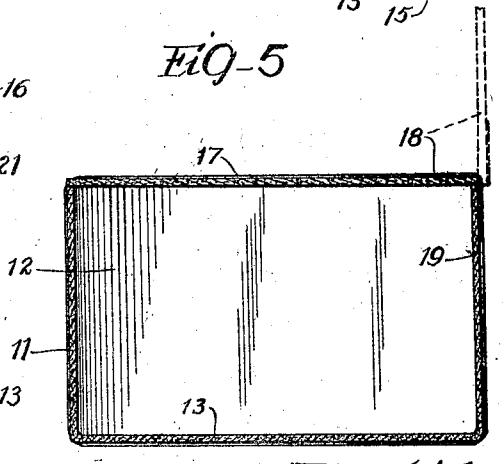


Fig. 5



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UNITED STATES PATENT OFFICE.

VERNON C. SNYDER, OF PELHAM MANOR, NEW YORK, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

CIGAR BOX.

Application filed November 29, 1920. Serial No. 426,897.

To all whom it may concern:

Be it known that I, VERNON C. SNYDER, a citizen of the United States, residing in Pelham Manor, in the county of Westchester and State of New York, have invented a new and useful Improvement in Cigar Boxes, of which the following is a specification.

This invention relates in general to containers and has more particular reference to boxes for cigars and the like, in which the sides or bodies are made of paper or other fibrous material and the ends of metal.

A principal object of the invention is the provision of a container for cigars and the like, which requires no wood in its construction and which is composed of a cheaper and, in many respects, more satisfactory material.

Another object of the invention is the provision of a container of this type, which may be easily and economically manufactured, it being possible to provide boxes that vary in size by merely varying the length of the bodies, cut from paper winders, and using ends of uniform size, thus obviating the necessity of changing dies for cutting said ends.

A further object of the invention is the provision of a light and, at the same time, firm box which is especially adapted to meet the requirements of the cigar trade.

Other objects and advantages of the invention will be apparent as it is better understood from the following description when considered in connection with the accompanying drawings illustrating a preferred embodiment thereof.

Referring to the drawings:

Figure 1 is a perspective of my container;

Fig. 2 is a section of the end and cover taken substantially on the line 2—2 in Fig. 1;

Fig. 3 is a section of the end and bottom taken substantially on the line 3—3 in Fig. 1;

Fig. 4 is a broken section taken substantially on the line 4—4 in Fig. 1; and

Fig. 5 is a transverse section taken on the plane indicated by the characters 5—5 in Fig. 1.

On the drawings, which illustrate an embodiment of my invention, it will be noted that my container comprises a body portion 11, which is made of fibrous material, and two metal ends 12. The ends are attached to the bottom 13 and the sides 14 by inwardly turned or hooked flanges 15 and 16 clamped upon the material of said bottom and sides. The top flanges 17 of the ends are overturned, but compressed so as to provide clearance space for a cover 18. This cover is hinged to the back side 19 of the box and is held in closed position by the spring tension of the flanges 17, it being manifest however that other holding means, as a tack or small nail, may also be used if desired.

The ends are preferably depressed as indicated at 21 to give strength to the container and to provide a pleasing appearance. The ends after being thus depressed, beaded or panelled are very rigid and greatly strengthen the body portion. The material of the body may comprise a single piece, the cover portion being merely partially severed to permit hinging, or the construction may vary to suit the convenience of the manufacturer.

It is evident that this combination of metal ends and a fibrous body effects a great saving in material, since the wood, generally used in manufacturing containers for cigars and the like, is scarce and expensive. I have found that a box constructed as just described is wholly satisfactory for the purposes stated, and it is believed that its advantage as a commercial product will be readily appreciated.

It is thought that the invention and many of its attendant advantages will be understood from the foregoing description, and it will be apparent that various changes may be made in the form, construction and arrangement of the parts without departing from the spirit and scope of the invention or sacrificing all of its material advantages, the form hereinbefore described being merely a preferred embodiment thereof.

I claim:

1. A container for cigars and the like, comprising in combination a paper body portion and metal ends, said body portion having a movable top, and said metal ends being clamped to the end edges of the back, bottom and front of said body portion, leaving movable the end edges of said top.

2. A container for cigars and the like, comprising in combination a paper body portion and metal ends, said container being adapted to be manufactured in varying

sizes by altering the length of the paper bodies while using ends of uniform size, said body portion having a hinged top, and said metal ends being clamped to the end edges of the back, bottom and front of said body portion, leaving movable the end edges of said top.

3. A container for cigars and the like, comprising a body portion of stiffened and appropriately treated paper, and metal ends rigidly attached thereto, said body portion having a hinged top, and said metal ends being clamped to the end edges of the back, bottom and front of said body portion, leaving movable the end edges of said top.

4. A container for cigars and the like, comprising a fibrous body and rigidly attached metal ends strengthened by bending, said body portion having a hinged top, and said metal ends being clamped to the end edges of the back, bottom and front of said body portion, leaving movable the end edges of said top.

5. In a container for cigars and the like a body portion made of light material, and ends composed of relatively rigid material strengthening and sustaining said body portion, said body portion having a hinged top, and said ends being clamped to the end edges of the back, bottom and front of said body portion, leaving movable the end edges of said top.

6. In a container for cigars and the like, a body portion comprising a single folded fibrous receiving part, a cover of similar material hinged thereon, and reinforcing metal ends clamped around the end edges of the back, bottom and front of said body portion and leaving movable the end edges of said cover.

7. A container for cigars and the like, comprising a fibrous body and cover and metal ends, said ends having the upper flanges bent to provide clearance space for the cover and adapted to tightly engage the ends of said cover to hold it in closed position.

8. A container for cigars and the like, comprising a fibrous body and cover and metal ends, said ends being paneled and having upper flanges rendered resilient thereby and thus adapted to engage and hold said cover in closed position.

9. A box for cigars and the like, consisting of front, bottom and back pieces, a cover hinged to said back piece, and metal end pieces having hook-flanges along their bottom and vertical edges only within which are clamped the vertical edges of said front, bottom and back pieces, leaving said cover movable.

10. A box for cigars and the like, consisting of four confining members formed one of one piece of fibrous material, metal pieces forming remaining confining members and formed with flanges enclosing the end edges of the fibrous piece, said metal pieces being secured to said fibre piece so as to leave one of said four confining members hingedly movable.

VERNON C. SNYDER.