Jan. 29, 1929.

1,700,402

A. S. ETHRIDGE

CADDY

Filed June 7, 1926

Fig. 1.

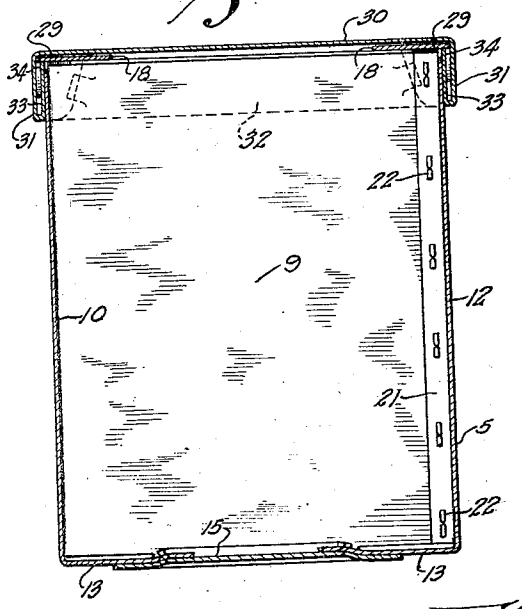


Fig. 2.

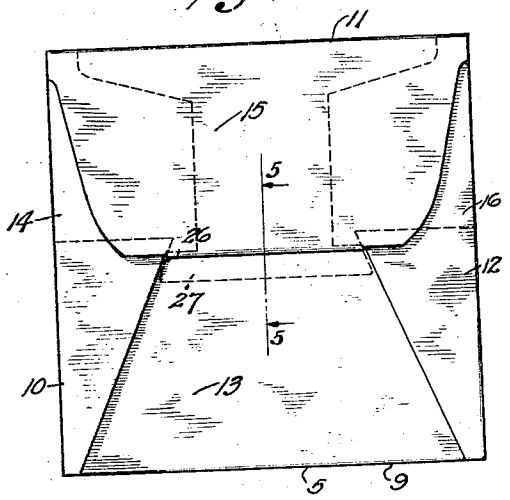


Fig. 3.

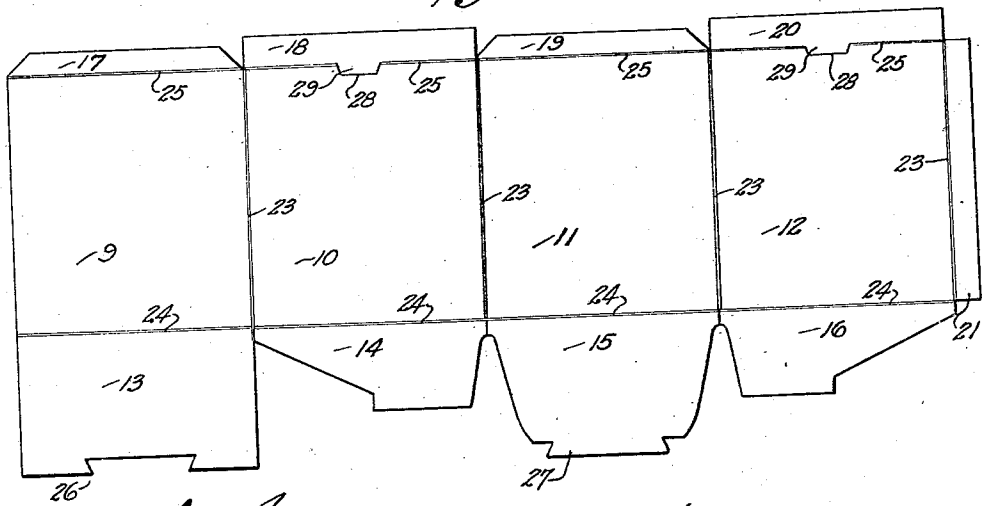


Fig. 4.

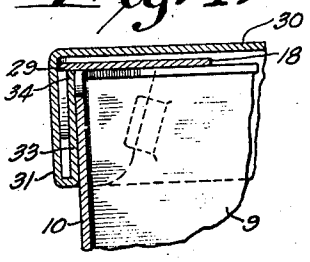
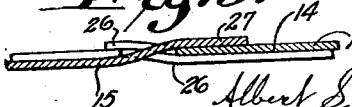


Fig. 5.



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UNITED STATES PATENT OFFICE.

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CADDY.

Application filed June 7, 1926. Serial No. 114,156.

This invention relates to improvements in paper caddies or boxes.

It is one of the objects of the present invention to provide a caddy and its cover so constructed that in placing the cover in position upon the caddy it will be automatically locked in position.

A further object of the invention is to provide a caddy in which its cover may be easily unlocked to permit removal of said cover.

A further object of the invention is to provide a caddy in which the locking means is formed from the paper material forming parts of the caddy and cover.

A further object of the invention is to provide a caddy of the collapsible or knockdown form in which the bottom portions of the caddy are shaped to interlock in a very simple manner to form a tight closure.

A further object of the invention is to provide a caddy which is of simple construction, strong and durable and inexpensive to manufacture, and well adapted for the purpose described.

With the above and other objects in view, the invention consists of the improved caddy and its parts and combinations, as set forth in the claims and all equivalents thereof.

In the accompanying drawing, in which the same reference characters indicate the same parts in all of the views:

Fig. 1 is a vertical sectional view of the complete caddy and its cover;

Fig. 2 is a bottom view of the caddy, a part broken away to show interior construction;

Fig. 3 is an outer side view of the blank from which the caddy is formed;

Fig. 4 is a sectional detail view on a larger scale of one of the locking portions of the caddy and cover; and

Fig. 5 is a sectional detail view on a larger scale taken on line 5—5 of Fig. 2.

Referring to the drawing, the numeral 8 indicates a caddy or box which is formed of a single piece of paper, pasteboard, cardboard or any other suitable material, and comprises side portions 9, 10, 11 and 12, bottom portions 13, 14, 15 and 16, and upper flanges 17, 18, 19 and 20. The side portion 12 is also provided with an attaching flange 21 for overlapping connection with the side edge of side 9 by staples 22. The side and bottom portions and the upper flanges are separated by score or crease lines 23, 24 and 25 to permit easy folding and collapsing of the caddy. The bottom portion 13 is folded inwardly and the bottom portions 14 and 16 are then folded toward each other and overlap the part 13, and the bottom portion 15 overlaps the portions 13, 14 and 16 and is also overlapped by the part 13. The edge of the part 13 is formed with a dovetail recess 26 to receive the dovetail tongue 27 formed on the part 15 and interlock the parts together, as clearly shown in Fig. 2. The upper parts of the side portions 10 and 12 have U-shaped cuts 28 extending therethrough to form locking tongues 29 which form part of the flanges 18 and 20 and project outwardly from the sides of the side portions 10 and 12 when the top flanges 18 and 20 are folded inwardly.

A cover 30 also formed of a single piece of material, similar to the caddy material, is provided, with side flanges 31 and 32 which extend around the upper portions of the caddy when the cover is placed on the box. The opposite side flanges 31 are of double thickness and the inner upturned flange portions 33 form shoulders 34 over which the locking tongues 29 snap and lock the cover to the caddy, as clearly shown in Fig. 4. To unlock the cover, it is only necessary to press inwardly on the sides 10 and 12, and then upwardly on the cover to disengage the tongues from the shoulders, and the cover may then be easily removed. As the locking tongues form continuations of the upper flanges 18 and 20, the said flanges can swing upwardly to permit the downward movement of the tongues in placing the cover on the caddy, and in moving to position on the caddy, the cover will press downwardly on said flanges 18 and 20 and swing the locking tongues 28 upwardly above the shoulders 34.

Before use, the caddy will occupy but a minimum amount of space, as the bottom portions can be easily unlocked and the caddy then flattened to the thickness of the material of which it is made.

From the foregoing description, it will be seen that the caddy and its cover are of very simple construction, and are well adapted for the purpose described.

What I claim as my invention is:

1. A caddy, comprising a sheet of material folded to form a caddy member with an open end provided with inturned flanges, opposite flanges having outwardly projecting locking tongues which extend in the same plane as

the flanges, and a flanged cover closing the open end and having inner upwardly extending flange portions forming shoulders which are lockingly engaged by the lower side portions of the tongues.

2. A caddy, comprising a sheet of material folded into rectangular shape to form a caddy member with an open end, said open end portion having inturned flanges provided with outwardly projecting locking tongues cut out from the opposite side portions of the caddy member and extending in the same plane as the flanges, and a flanged cover closing the open end and having inner upwardly extending flange portions forming shoulders which are lockingly engaged by the lower side portions of the tongues.

In testimony whereof, I affix my signature.

ALBERT S. ETHRIDGE.