

July 20, 1943.

V. HAVEL

2,324,926

DISPLAY DEVICE

Filed Dec. 22, 1941

2 Sheets-Sheet 1

Fig. 1.

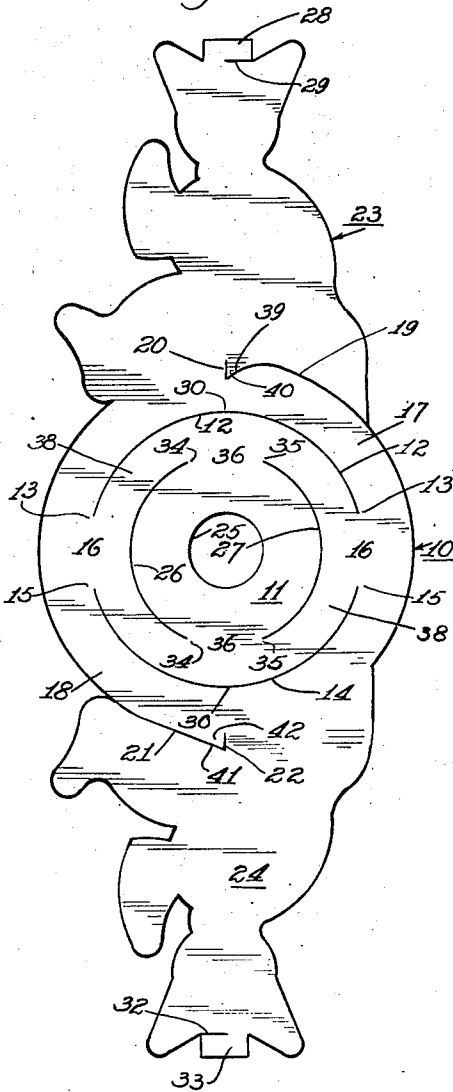


Fig. 2.

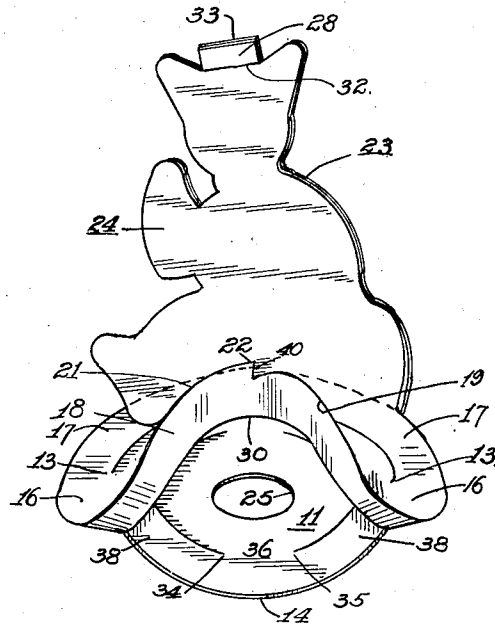
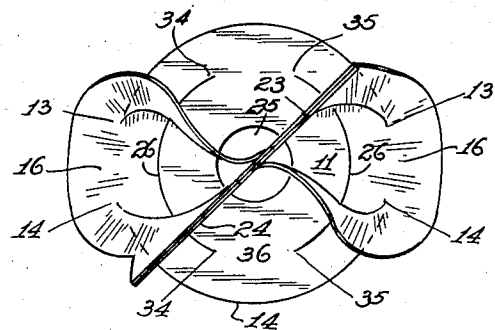


Fig. 3.



Inventor
Victor Havel.
by James R. McKnight
Attorney.

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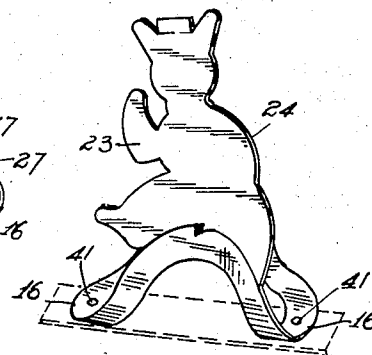
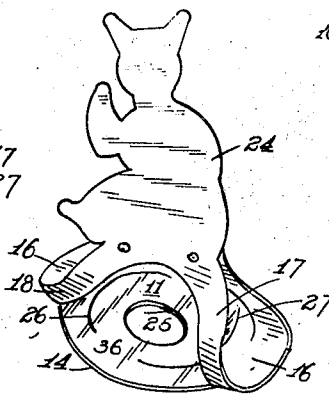
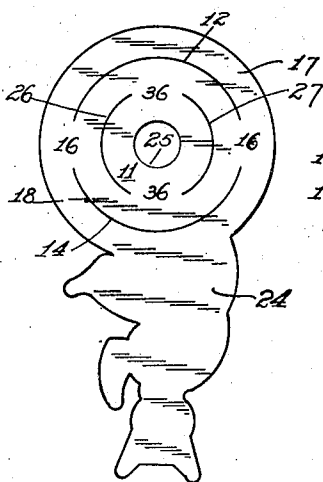
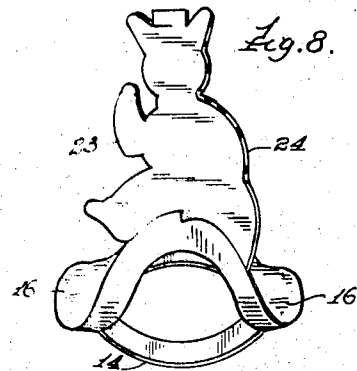
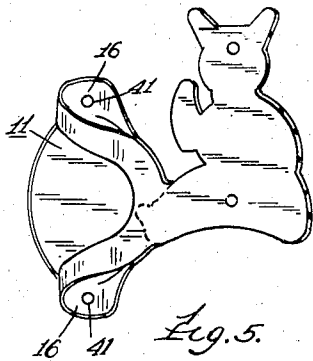
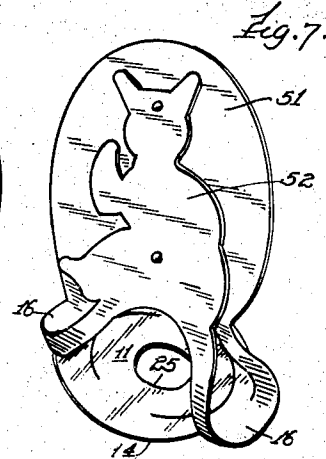
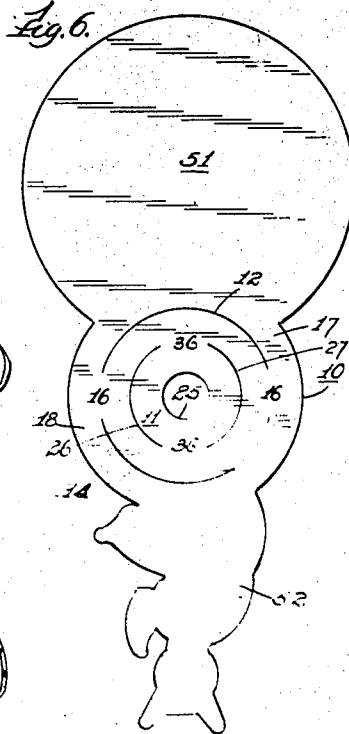
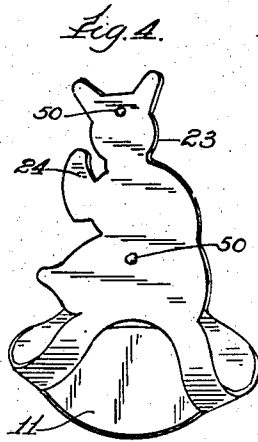


Fig. 10.

Fig. 9.
Inventor
Victor Havel
by James R. McKnight
Attorney.

UNITED STATES PATENT OFFICE

2,324,926

DISPLAY DEVICE

Victor Havel, Northbrook, Ill., assignor of one-half to Malford Emil Weinert, Austin, Tex.

Application December 22, 1941, Serial No. 423,879

8 Claims. (Cl. 40—124.1)

This invention relates to display devices.

Among the objects of my invention are to provide a display device formed of a single sheet of paper or other flexible material, adapted to be easily put together and which will be movable by breeze, vibration or other forces; to supply a display device which is flexible, resilient, balanced and easily moved to notice attracting action by air currents, vibration or other forces; to create improved locking means in such a display device and such other objects, advantages and capabilities as will later more fully appear and which are inherently possessed by my invention.

While I have shown herein preferred embodiments of my invention, yet I wish it understood that the same are susceptible of modification and change without departing from the spirit of my invention.

Referring to the drawings Fig. 1 is a top plan view of the preferred form of my blank; Fig. 2 is a perspective view of my device in assembled position and Fig. 3 is a top plan view of the same; Fig. 4 is a perspective view of another embodiment having a solid base; Fig. 5 is a perspective view of my display device attached to a vertical surface; Fig. 6 is a top plan view of a modified form of my blank; Fig. 7 is a perspective view of the form shown in Fig. 6 in assembled position; Figs. 8 and 9 are perspective views of other modified forms of my display device in assembled position; Fig. 10 is a top plan view of a modified form of my blank on meeting one of the extensions; and Fig. 11 is a perspective view of the same in assembled position.

The preferred embodiment selected to illustrate my invention in Figures 1, 2 and 3 comprises a blank 10 of flexible material, preferably paper, having a body portion or base 11 preferably circular in form but which may be rectangular or otherwise suitably shaped.

An outer slit or cut 12 extends from an outer portion of the body or base portion 11 to ends 13. Another slit or cut 14 extends from the opposite outer portion of the body portion 11 to ends 15. The ends 13 of slit 12 are substantially the same distance inwardly from the outer extent 30 of slit 12 as ends 15 are from the outer extent 31 of slit 14. Said extents 30 and 31 are preferably on a line parallel to the center of base 11. Ends 13 are spaced from ends 15 by webs 16.

In the preferred form shown in Figures 1, 2 and 3 of the drawings slits 12 and 14 are rounded, forming spaced complementary incomplete semi-circles.

By means of slit 12 the portion of the blank 10

immediately to the exterior of said slit 12 is formed into arms 17 and likewise by means of slit 14 the portion of blank 10 immediately to the exterior of said slit 14 is formed into arms 18.

In my preferred form I provide a cut 19 extending along one side of arm 17 to a point adjacent the outer extent 30 of slit 12 to meet the inner end of an outwardly extending slot 20. I also provide another similar and corresponding cut 21 extending along an opposite side of arm 18 to a point adjacent the outer extent 31 of slit 14 to meet the outer end of an outwardly extending slot 22. I prefer to curve cut 19 slightly inwardly at 39 to form lip 40 and to diagonally extend cut 21 slightly outwardly at 41 to form lip 42.

Extending beyond arms 17 is extension 23 and extending beyond arms 18 is extension 24, each preferably cut to match the other when brought face to face or back to back. The extensions, however, need not necessarily match.

In the center of the body portion 11, I may provide an opening 25 and between said opening 25 and ends 13 and 15 and webs 16 a pair of oppositely disposed slits 26 and 27. They are preferably rounded, extend past webs 16 and end a substantially equal distance short of passing the outer extents 30 and 31 of slits 12 and 14 respectively. The ends 34 of slit 26 are spaced from ends 35 of slit 27 by connecting portions 36. Said connecting portions 36 connect the central part 37 of base 11 with outlying portions 38.

Prior to use my display device may be shipped flat, thus occupying minimum space.

When it is desired to use my display device, the user grasps extension 23 in his left hand and extension 24 in his right hand. The extensions 23 and 24 are moved sufficiently to the left and right respectively so as to permit the back of extension 23 to contact the back of extension 24. Interengagement of said extensions is then effected by co-operation of slits 20 and 22 and lips 40 and 42.

The end 28 of extension 23 may have a slit 29 extending in one direction and adapted to receive a slit 32 extending in the opposite direction in end 33 of extension 24 for interlocking the ends of the extensions 23 and 24.

In assembled position my display device may be placed by means of openings 25 on the top of a bottle or the like. Openings 25 may be omitted and my device supported on its own base 11 as shown in Fig. 4. Suitable fasteners or weights may be provided for attaching the base 11 to a suitable horizontal support. My device may also

be attached by suitable means such as staples to a wall or other vertical surface as shown in Fig. 5.

My display device is so constructed that the slightest breeze, vibration or other force will cause movement of the same. The resiliency of the base and arms construction forming a pedestal for the end portions permits notice attracting action. My end portions may, of course, be formed in any desired shape or contain any desired advertising or other copy thereon.

It is within the contemplation of my invention that extensions 23 and 24 may be attached together by means of adhesives, staples or any other suitable attachments in place of the hereinbefore recited locking means.

In Fig. 4 I disclose extensions 23 and 24 contacting face to face and attached by staples 50. In Fig. 6 I show end portions 51 different from end portions 52.

Another embodiment is shown in Fig. 9 where I omit the central portion of the base and attach to a pair of spaced supports by staples 41 extending through webs 16, the webs then acting as a base.

I may also eliminate one of the extensions 23 or 24 when the display device is only to be seen from a front position, as shown in Figs. 10 and 11.

Having thus described my invention, I claim:

1. A display device comprising a base having spaced oppositely disposed slits in the outer portions of said base, webs between the ends of said slits and integral with said base, arms separated from said base by said slits, said arms integral with said webs, extensions integral with said arms, said slits permitting said extensions to be moved into contact and means for holding said extensions in contacted position.

2. A display device comprising a base having a pair of spaced oppositely disposed inwardly curved slits in its outer portions, the ends of each of said slits being substantially the same distance from the center of said base, webs between the ends of said slits and integral with said base, arms separated from said base by said slits, said arms integral with said webs, extensions integral with said arms, one of said extensions having a cut extending inwardly from one of its outer edges to a point adjacent the center of one of the slits, the other of said extensions having a cut extending inwardly from its opposite outer edge to a point adjacent the center of the other slit, said slits and said cuts permitting said extensions to be moved into back to back contact and means for holding said extensions in contacted position.

3. A display device comprising a base having a pair of spaced oppositely disposed inwardly curved slits in its outer portions, the ends of each of said slits being substantially the same distance from the center of said base, webs between the ends of said slits and integral with said base, arms separated from said base by said slits, said arms integral with said webs, extensions integral with said arms, one of said extensions having a cut extending inwardly from one of its outer edges to a point adjacent the center of one of the slits, the other of said extensions having a cut extending inwardly from its opposite outer edge to a point adjacent the center of the other slit, said slits and said cuts permitting said extensions to be moved into back to back contact,

said extensions each having a short slot, said cuts curving slightly to meet the ends of said slots and form a pair of oppositely disposed lips, said slots permitting interengagement of said lips for holding the extensions in contacted position.

4. A display device comprising a base having substantially centrally located means for attachment to a bottle, a pair of oppositely spaced rounded slits forming outlying portions, connecting portions spacing the opposite ends of said slits and forming integral connections between said outlying portions and said base, another pair of outer slits extending above and below said connecting portions and forming arms, webs spacing the opposite ends of said outer slits and forming integral connections between said arms and said outlying portions, extensions integral with said arms, said extensions having inwardly extending cuts, said outer slits and said cuts permitting said extensions to be moved to back to back contact, and means for holding said extensions in contacted position.

5. A display device comprising a base having spaced oppositely disposed slits in the outer portions of said base, webs between the ends of said outer slits and integral with said base, arms separated from said base by said slits, said arms integral with said webs, an extension integral with one of said arms, said slits permitting said arms to be moved into contact, and means for holding said arms in contacted position.

6. A display device comprising a body portion having a hollow center, opposite outer portions of said body portion adapted to be moved into contact and the bottoms of the spaced sides of said body portion adapted to be placed on a support, means for holding said body portion in contacted position, and means for holding said body portion on a support, said body portion having at least one extension extending from one of its outer portions.

7. A display device comprising a body portion having a hollow center, opposite outer portions of said body portion each having an extension integral therewith, one of said portions having a cut extending inwardly from one of its own edges to a point adjacent its center, the other of said outer portions having a cut extending inwardly from its opposite outer edge to a point adjacent its center, said cuts permitting said extensions to be moved into back to back contact, means for holding said extensions in contacted position, the bottoms of the spaced sides of the body portion adapted to be placed on a support and means for holding said body member to a support.

8. A display device comprising a body portion having curved cuts to form oppositely disposed rounded flaps, and oppositely disposed rounded webs therebetween, at least one of said flaps having a display extension, said curved cuts being arcuate in form and concentrically and alternately arranged, said oppositely disposed flaps adapted by said curved cuts to be moved into vertical contact, and means for holding said flaps in contacted position, said webs being slightly upwardly curved, upon said flaps being moved into contact so as to form a teetering base portion.

VICTOR HAVEL.