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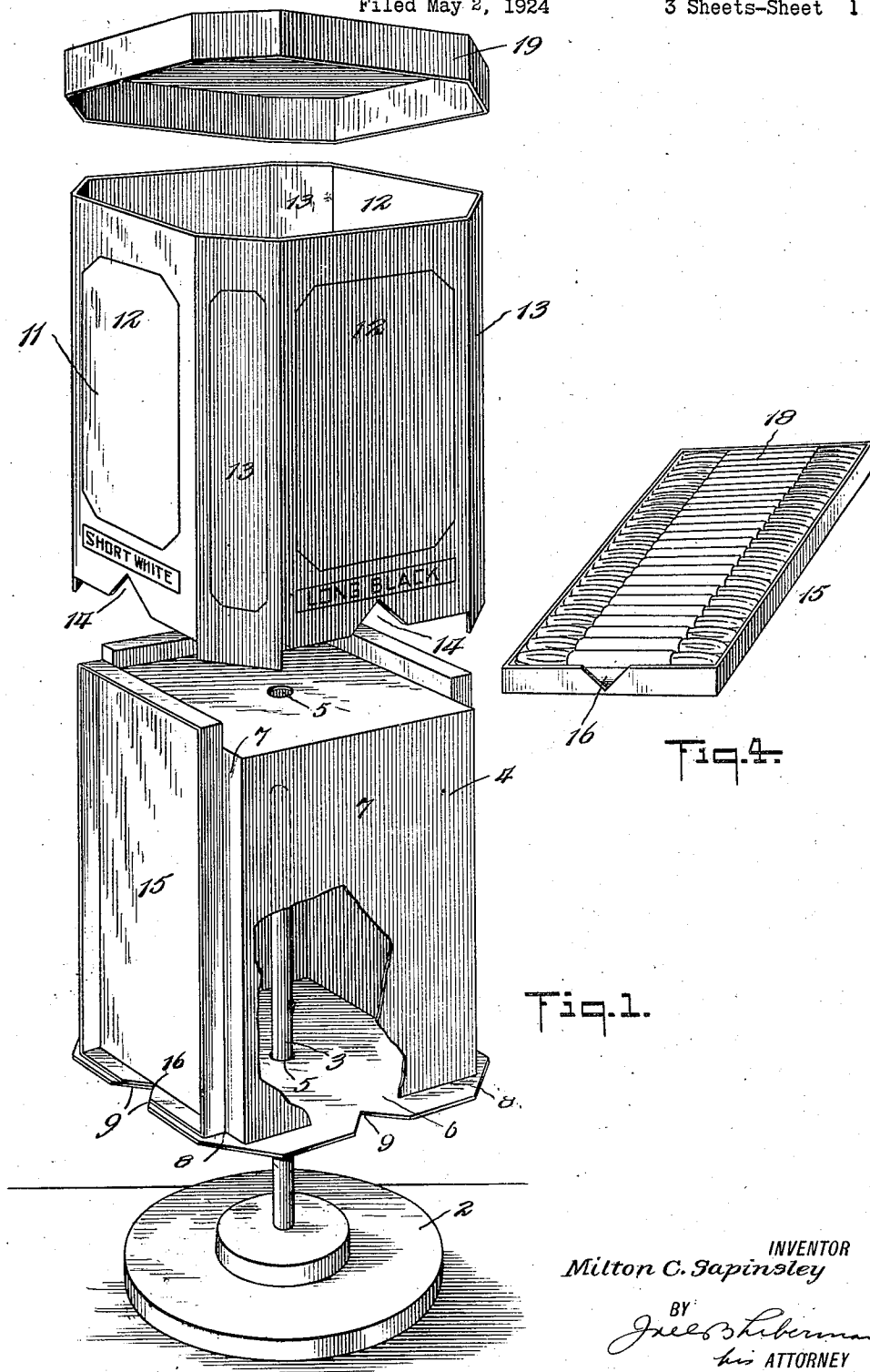
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DISPLAY CABINET

Filed May 2, 1924

3 Sheets-Sheet 1



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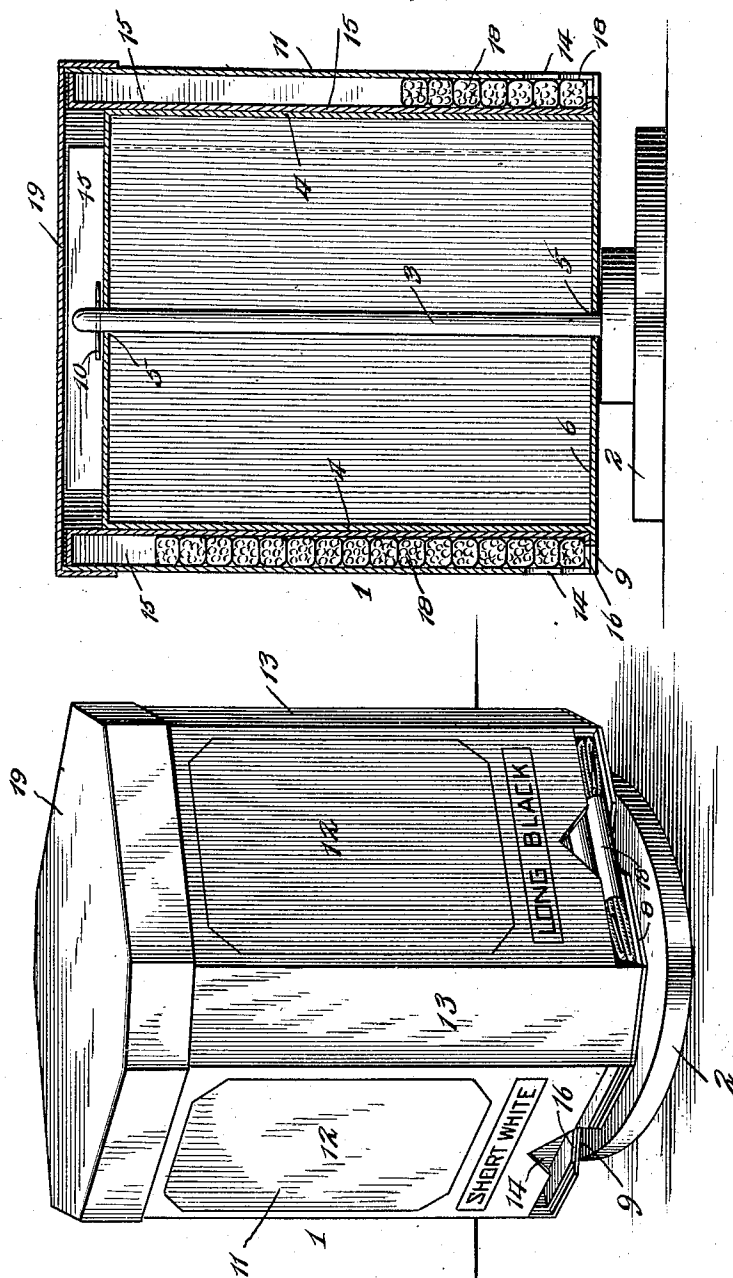


Fig. 3.

Fig. 2.

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DISPLAY CABINET.

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The object of this invention is the manufacture of a display device especially adapted for the sale of packaged articles such as shoe laces.

5 It has the advantage of an attractive display and to a certain extent includes automatic features which permit the replacement of the laces when a pair is removed by the customer.

10 Fig. 1 is a perspective view of my device, the parts being separated and cut away to show the interior and exterior construction.

15 Fig. 2 is a perspective view of my device when assembled and viewed from above.

Fig. 3 is a vertical cross section of the device.

20 Fig. 4 is a perspective view of a type of shoe lace box and laces used in connection with the device.

Fig. 5 is a perspective view of a modification of the invention.

25 In Figs. 1 to 4 inclusive, the vending device 1 has a base or stand 2, on which is mounted a spindle 3 which carries a box-like body member 4, having a bottom plate 6 of the general contour shown, the bottom as well as the top of the body being provided with openings 5 through which the spindle can pass. The bottom plate 6 of the body if arranged to project beyond the walls 7, the corners cut away to form straight lines 8 and the center of each side being cut away to form central V-shaped openings 9 for purposes hereinafter set forth. The body is held in place on the base by a pin 10 passing through the spindle, which does not interfere with the turning of the device. A hood 11, adapted to fit around the body, is preferably polygonal having side walls 12, and comparatively narrower corner walls 13.

35 These side walls are not so deep as the corner walls and do not extend to the bottom plate of the body as the corner walls do, when the hood is fitted over the body. In addition, the center of the bottom edge of each of the shorter side walls is provided with a centrally V-shaped opening 14. The central vertical lines of the corner walls are in contact with the vertical edges forming the corners of the walls on the box, and the bottom edges of the corner walls rest on the

straight edge of the corners of the bottom plate of the box, when the hood is placed over the box. 55

In this position there is a space between the hood and the box along the side walls, sufficient to permit the entry of a shoe lace receptacle or carton 15, having a central V-shaped opening 16 in its lower end wall, which will register with the similar V-shaped openings 9 and 14 in the bottom plate of the body and in the hood walls, respectively, when the receptacle or carton is forced down so that its bottom rests on the extending portion of the bottom plate 6. The receptacles or cartons are preferably of the same width as the side edges of the bottom plate and high enough to reach above the top of the body. 65

The method of assembling this vendor and its employment is as follows: The base and spindle being assembled, the body 4, is mounted thereon, by passing the spindle through the holes in the bottom and top of the box, the pin 10 being passed through the top of the spindle. The hood 11 is then passed over the body, the side edges of the body bisecting the corner walls of the hood. The hood is pushed down until the bottom of each of its corner walls rests on the corners of the bottom plate of the body member, the bottom edge of the corner walls of the hood paralleling the straight corners of the bottom plate. This leaves freely exposed not only the V-shaped openings in the bottom of the side walls but also open spaces between the bottom edges of the side walls and the sides of the bottom plate. The cartons of shoe laces, with the covers removed, are then inserted between the side walls of the body member and the side walls of the hood and pushed down until the bottom of the carton rests on the bottom plate of the body member, leaving exposed the bottom shoe laces in the carton. A cover 19 is placed on top of the hood. The opening thus formed by the V-shaped openings in the bottom of the carton, body and hood permit the fingers of the purchaser to grasp a pair of shoe laces which action releases the pair immediately above the one removed, and causes the laces remaining in the box to slip down and expose to view the pair next succeeding the one removed. 105

As each successive pair is removed the next slips down until the box is completely empty.

The dealer desiring to replenish the stock of the vendor has only to remove the cover, and replace the empty carton with a full one.

Fig. 5 is a perspective view of a modification in which the invention is embodied in an integral structure, a base 20 being provided with a spindle 22 having a pin 23 passing through it near the base. A platform 24 is mounted on the spindle and supported by the pin 23, such platform having its central opening 25, through which the spindle passes, of sufficient size to permit it to revolve freely on the spindle for purposes hereinafter set forth.

On the platform is a box-like structure consisting of a top 26, supported by a pin 23^a passing through the spindle, and a casing 27 in the form of compartments comprising front walls 28 and side walls 29. The top has a central opening 25^a through which the spindle passes. These compartments are fastened to the top by means of strips 30 integral or attached to the side walls and extending downward only part way the length of the front walls, the strips being nailed to the top of the structure by means of nails or screws 31.

The lower part of the front walls of the compartments are cut away to form openings 14'. The cartons of laces as shown in Fig. 4 are passed through the slots or openings 32 to rest on the compartments, the laces being exposed in the openings 14' of the front walls of the box and openings 9' in the platform 24, as in the other modifications so that the purchaser may take them from the openings and in so doing cause the laces lying in the upper part of the cartons to slip down and be exposed to view. As before the number of compartments formed is immaterial.

Each side of the vendor can be adapted to take a different size or color of shoe lace and be so advertised on the sides of the hood. The apparatus can be made of metal, wood or cardboard, and so that it can be readily shipped and assembled at the least cost. Of course, it can be colored and adapted to carry advertisements at will.

It is contemplated to have the device stand on a counter or show case, so the customer

can turn the device on the spindle until the side carrying the desired shoe laces are exposed to view.

While the device is here shown as adapted to shoe laces, it can naturally be adapted to vend any device which would fit into the cartons. The shape and various proportions of the device can be varied at will as long as its automatic functions are carried out as explained above.

I claim:

1. A display cabinet of the character described, comprising a supporting base having a spindle, a body journaled on the spindle and having opposed side walls at right angles to each other, said body having a bottom laterally projecting beyond the side walls and provided with notches medially with respect to each side wall, article containers of tray-like form covering the major portions of the side walls and having notched lower ends, the last-named notches being in register with the notches in the bottom, and a hood entirely surrounding the body with its corners angularly disposed and abutting the corners of the body, the portions of the hood between the angular corners being cut away at their lower ends to provide slots adjacent to the bottom and merging into the notches.

2. A display cabinet of the character described, comprising a base, a body rotatively supported on the base and having flat opposed side walls, said body having a bottom projected beyond the side walls and provided with notches, article containers carried by the side walls and having notched lower ends, the last named notches being in register with the notches in the bottom, a hood surrounding the body with its corners angularly disposed and against the corners of the said body, the portions of the hood between the angular corners being cut-away at the lower ends to provide slots adjacent the bottom and merging into the notches in the bottom and containers, and a removable cover telescoped over the hood, the edges of the hood confronting the slots being notched in alignment with the notches in the bottom and containers.

Signed at Providence, in the county of Providence and State of Rhode Island, this 28 day of April, 1924.

MILTON C. SAPINSLEY.