July 16, 1935. O. E. KARNES 2,008,180

DISPLAY STAND

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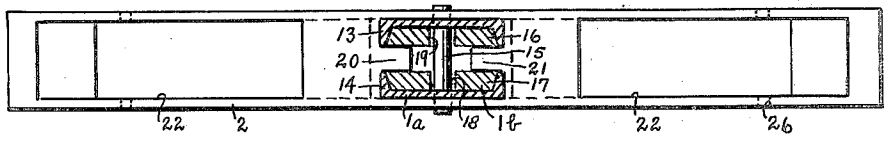


Fig. 3.

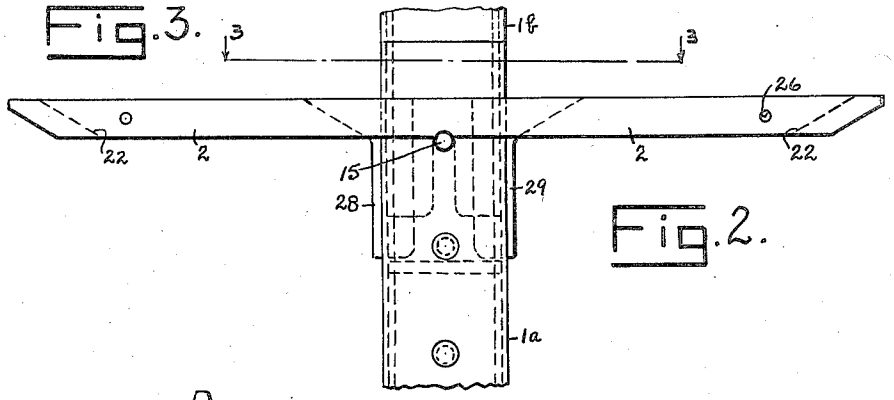


Fig. 2.

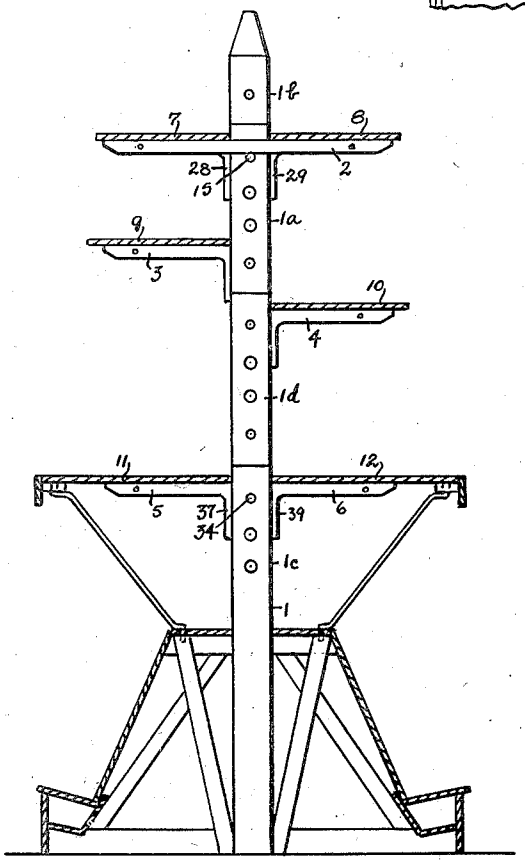


Fig. 1.

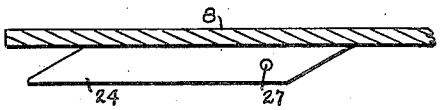


Fig. 4.

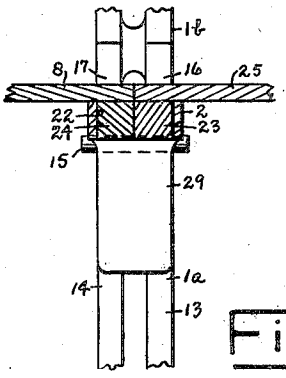


Fig. 5.

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DISPLAY STAND

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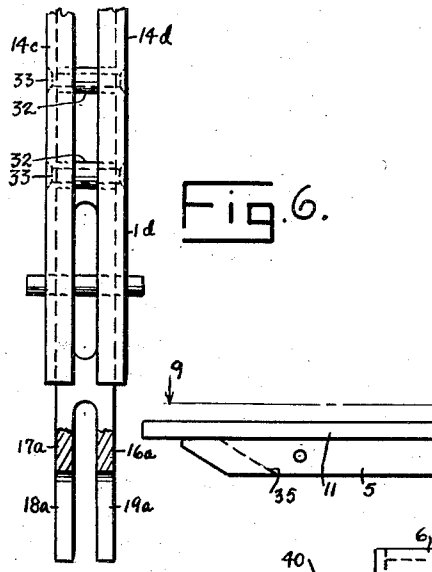


Fig. 6.

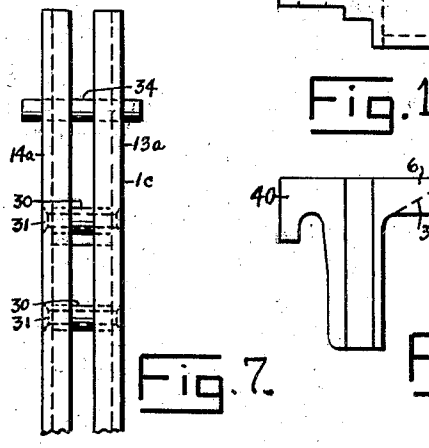


Fig. 7.

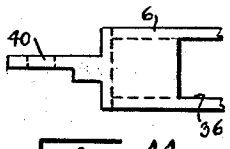


Fig. 11.

Fig. 10.

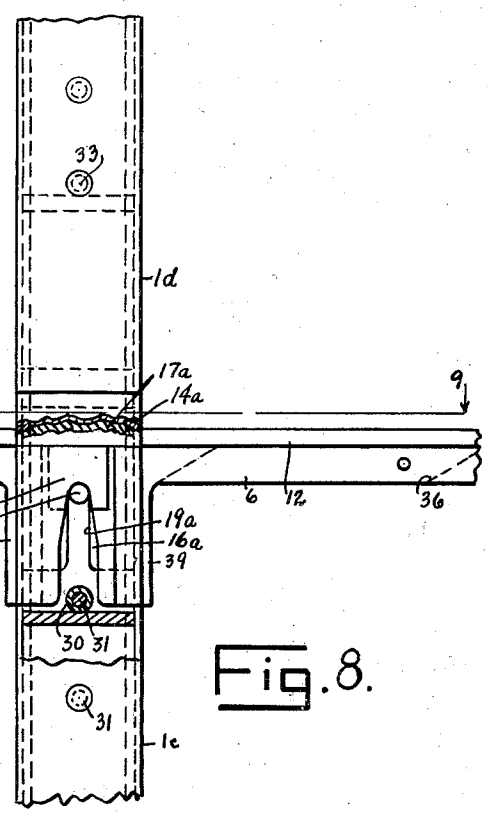


Fig. 8.

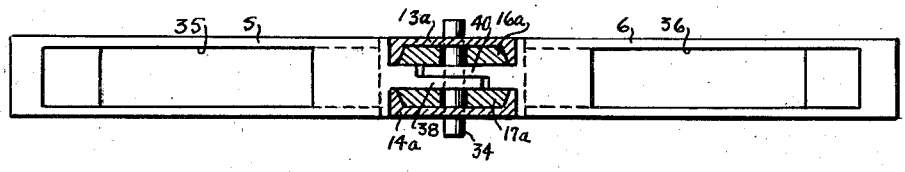


Fig. 9.

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2,008,180

DISPLAY STAND

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Application May 31, 1932, Serial No. 614,377

3 Claims. (Cl. 248—243)

This invention relates to display stands.

It has for its general object the provision of a new and improved display stand particularly adapted for use in grocery stores to attractively display and to render easily accessible to the customer the merchandise to be sold.

A specific object of the invention is to provide a display stand embodying new and improved adjustable shelves to display goods in containers of different dimensions.

Another specific object is the provision of a display stand embodying new and improved shelves and brackets therefor including separable elements which may be cheaply manufactured and quickly and easily assembled and taken apart by an unskilled workman without special tools.

Other objects will hereinafter appear.

The preferred embodiments of the invention are illustrated by the accompanying drawings wherein Fig. 1 is a sectional elevation of a complete display stand; Fig. 2, a detail end view of one embodiment of the bracket on the post; Fig. 3, a horizontal section on the line 3—3 of Fig. 2; Fig. 4, a detail fragmentary view showing the shelf and tongue thereon; Fig. 5, a detail view illustrating the connection of the meeting ends of the two shelf sections in the embodiments shown by Figs. 2 and 3; Fig. 6, a detail view of the upper post section; Fig. 7, a detail view of the lower post section; Fig. 8, a view of another embodiment of the bracket mounted on the united post sections; Fig. 9, a horizontal section on the line 9—9 of Fig. 8; and Figs. 10 and 11, fragmentary side and top views of the shelf bracket shown by Figs. 8 and 9.

In Fig. 1, the post is indicated generally at 1. It is made of telescopic sections and may have mounted thereon at desired elevations brackets 2, 3, 4, 5, and 6 to support shelves 7, 8, 9, 10, 11, and 12.

Referring now to the embodiment shown by Figs. 2, 3, 4, and 5, the post sections are indicated at 1*a* and 1*b*. As shown by Fig. 3, the post section 1*a* comprises members 13 and 14 that are substantially U-shaped in cross section and spaced with respect to each other. Extending through and projecting from opposite sides of the members 13 and 14 of the post section 1*a* is a pin 15.

The post section 1*b* has a pair of spaced legs 16 and 17 slidable in the members 13 and 14 and grooved as indicated at 18 and 19 for the reception of the pin 15.

Slidable vertically on the post sections 1*a* and 1*b* is a bracket 2 having lugs 20 and 21 extending into said sections. The bracket 2 extends from opposite sides of the post and has therein upwardly and outwardly opening sockets 22 for the reception of the tongues 23 and 24 of the shelves 25 and 8 (Figs. 4 and 5). The tongues 23 and 24 are fixed on the meeting ends of the shelf sections 25 and 8, and so when the tongues are in the socket 22 of the bracket, the shelf sections are connected together. The tongues 23 and 24 (as indicated in Fig. 4), extend downwardly and inwardly to snugly fit in the socket 22, and may be held therein by a pin (not shown) passed through the openings 26 in the bracket 2 (Figs. 2 and 3) and openings in the tongues 23 and 24 such as that indicated at 27 in Fig. 4.

The bracket 2 has a pair of upright bars 28 and 29 to rest against the post.

Referring now to Figs. 6 to 11 inclusive, the lower post section is indicated at 1*c* and the upper post section at 1*d*. The members 13*a* and 14*a* of the lower section 1*c* are spaced by sleeves 30 held by bolts 31. The members 14*c* and 14*d* of the upper section 1*d* are spaced by sleeves 32 on bolts 33. The upper section has a pair of spaced legs 16*a* and 17*a* that are grooved as indicated at 18*a* and 19*a* for the reception of the pin 34.

The bracket 5 has an upwardly and outwardly opening socket 35 for the reception of the tongue of the shelf 11, and the bracket 6 has an upwardly and outwardly opening socket 36 for the reception of the tongue of the shelf 12.

The bracket 5 has an upright bar 37 to rest against the post and a hook 38 extending into the sections 1*c* and 1*d* of the post to engage the pin 34.

The bracket 6 has an upright bar 39 and a hook 40 extending into the sections 1*c* and 1*d* of the post to engage the pin 34. As shown particularly by Figs. 9 and 11, the hook 40 of the bracket 6 and the hook 38 of the bracket 5 are reduced to be disposed side by side in the post.

In the embodiment just described, the hooks of the brackets are in the interior of the post. This provides a very strong construction in which the parts are rigidly held together, the hook and pin are inaccessible so that they cannot be inadvertently disengaged, and the parts occupy but a small space.

It will be apparent from the foregoing that the parts may be quickly and easily adjusted so that the shelves will occupy various positions with respect to each other to support groceries in containers of different sizes, that one shelf or more may be removed or placed in a different position without disturbing the remainder of the shelves; that the stand embodies but few parts

and the assembly thereof can be effected without the use of tools and by unskilled persons.

I claim:

1. A display sand having a first hollow post section, a pin in said post section, a second hollow post section slidable in said first post section and having grooves for the reception of said pin, and a shelf bracket having an upright bar to rest against one of said post sections and a transverse bar having a hook to enter said post sections and engage said pin.

2. A display stand having a first hollow post section, a pin in said post section, a second hollow post section slidable in said first post section and having grooves for the reception of said pin, and a pair of shelf brackets on opposite sides of said post, each of said brackets having an upright bar to rest against one of said post sections and a transverse bar having a hook to enter said post sections and engage said pin.

3. A display stand having a first hollow post section comprising a pair of spaced members substantially U-shaped in cross section, a pin in said post section, a second post section having a pair of spaced legs slidable in the members of said first post section and grooved for the reception of said pin, and a shelf bracket having an upright bar to rest against one of said post sections and a transverse bar having a hook to enter said post sections and engage said pin.

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