Sept. 18, 1928. 1,684,637

J. T. MYERS ET AL

SELF SERVICE STORE FIXTURES FOR VENDING MERCHANDISE

Filed March 17, 1926

FIG. 1.

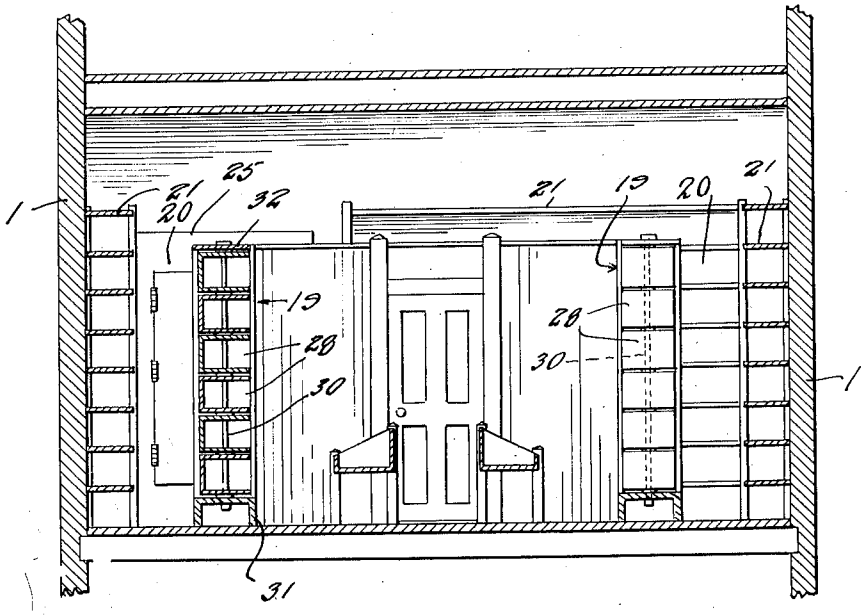
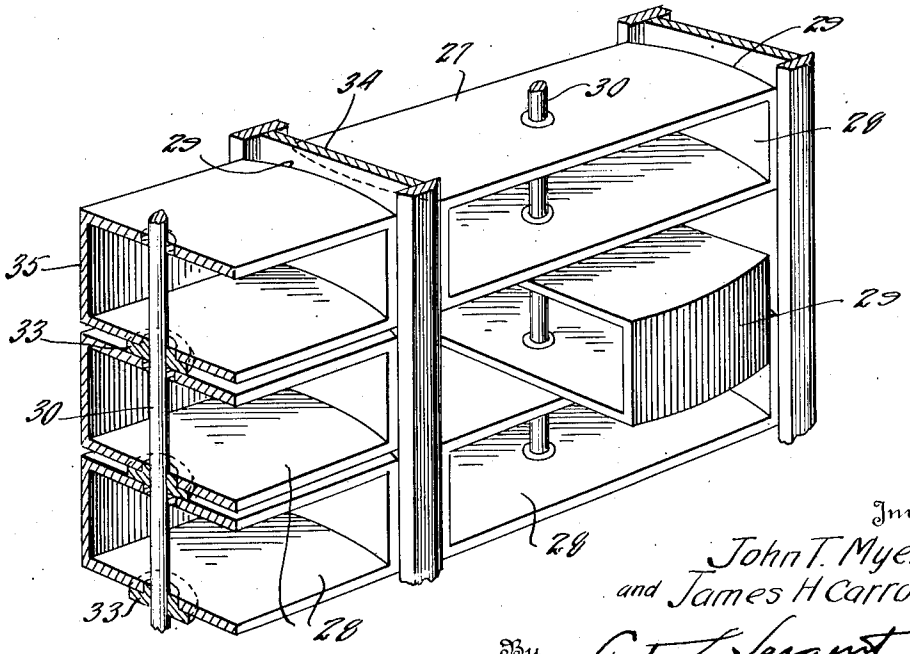


FIG. 2.



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Patented Sept. 18, 1928. 1,684,637

UNITED STATES PATENT OFFICE.

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SELF-SERVICE-STORE FIXTURES FOR VENDING MERCHANDISE.

Application filed March 17, 1926. Serial No. 95,407.

The object of our invention is to provide novel self-service store fixtures for vending merchandise of various descriptions and particularly groceries, fruits and meats; to provide novel form of revoluble shelves for use in such self-service stores, to provide an improved arrangement of aisles and counters and display cases. We attain these and other objects of our invention by the fixtures illustrated in the accompanying drawings, in which—

Fig. 1 is a vertical section through store fixtures embodying our invention; and

Fig. 2 is an enlarged perspective view of the revoluble shelves with one of the shelves in a partly opened position.

Like numerals indicate like parts in each of the several views.

Referring to the accompanying drawings, 1 indicates the walls of the store.

On either side of aisles we provide similar revoluble tiers of shelves 19, each tier being revolubly mounted on a central pipe or post 30, and if found desirable they may also be supported by bearings or castors (not shown). Beyond the tiers of shelves are aisles 20 and on the outer side of these aisles are stock shelves 21.

Referring to Figs. 2 and 3, the revoluble tiers of shelving comprise a plurality of box-like structures 27 each having one open longitudinal side 28, and an opposite longitudinal wall 35, and curved or rounded end walls 29, suitably shaped to just clear the partition members 34 when the boxes 27 are revolved.

We provide suitable bearings (or castors may be used as an equivalent) to support the boxes 27 and to facilitate revolving them. The rods 30 are mounted on a suitable base 31, as shown in Fig. 2, or in any other desired manner, such as on castors. We provide a suitable top plate 32 to which the rod 30 is attached.

The tiers of revolving shelves 19 greatly facilitate the work of the proprietor of the store in refilling shelves, and of the customer in taking articles from them, as any one of the box-like shelf structures may be revolved to a position to more conveniently gain access to its contents. The shelving is revoluble in either right hand or left hand directions. This section of shelves is eight feet in length and the shelves are mounted so as to be easily revolved. Castors may be placed under the bottom section, if desired, in order to make the turn accurate and easy when the shelves are heavily loaded.

One of the advantages of having a double display shelving is to have at all times available merchandise to meet crowded stores. Another object in view is to make it possible for the stock boys who replenish merchandise on displays with this new arrangement to have at the closing of each day's business stocks arranged for the following day; and many of the store systems do their work on Sundays in order to have their stock replenished for the following day. Also inventories may be taken while stores are open.

What we claim is:

1. In self-service store fixtures, the combination of tiers of revoluble shelving, each unit of said shelving comprising a central post, a plurality of super-posed box-like structures open on one side to provide shelving and revolubly mounted on the post, each of said box-like structures being independently revoluble in either a right-hand or a left-hand direction, and each of said structures having opposite rounded ends revoluble past vertical partitions between adjacent units of the tiers of shelving.

2. In self-service store fixtures, the combination of tiers of independently revoluble shelving, partitions extending between each unit of the shelving, each unit of said shelving comprising a central post, a series of super-posed box-like structures open on one side to provide shelving and revolubly mounted on the post, each of said structures being independently and freely revoluble in either a right-hand or a left-hand direction, each of the box-like structures also having curved ends slidable past vertical partitions between adjacent units, and bearing elements on the bottom of each of the box-like structures adjacent the central post to facilitate revolving same when supporting a heavy load, substantially as shown.

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