Apr. 17, 1923.

1,452,076

H. P. HOWARD

STORE LADDER

Original Filed Nov. 30, 1921

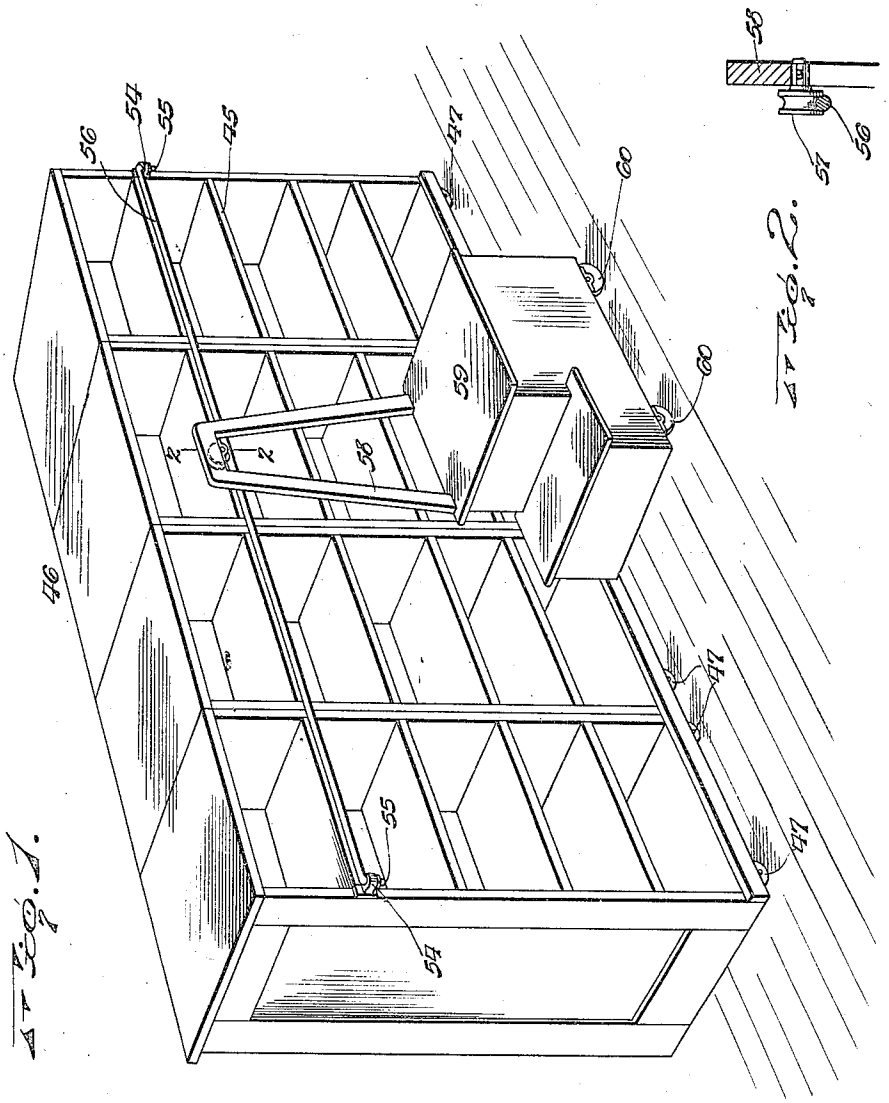


Fig. 1.

Fig. 2.

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UNITED STATES PATENT OFFICE.

HASTING P. HOWARD, OF MEMPHIS, TENNESSEE.

STORE LADDER.

Original application filed November 30, 1921, Serial No. 518,904. Divided and this application filed April 17, 1922. Serial No. 553,697.

To all whom it may concern:

Be it known that I, HASTING P. HOWARD, a citizen of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Store Ladders, of which the following is a specification.

This application is a division of an application filed by me November 30, 1921, Serial No. 518,904.

My present invention provides a car or movable platform for use in self-serving stores whereby persons of low stature may reach merchandise upon high shelves. The invention consists in certain novel features which will be hereinafter fully set forth.

In the annexed drawings, which illustrate the invention, Figure 1 is a perspective view of store furniture with my platform or car connected therewith;

Fig. 2 is a detail section on the line 2—2 of Fig. 1.

The merchandise displayed for sale is arranged upon shelves 45 carried by cases 46 which are mounted upon rollers 47 so that they may be easily shifted as may be desired, suitable cards, tags or labels being provided upon each shelf to announce the prices of the displayed articles. The rollers 47 are low but have wide tread surfaces so that they will support the several show cases or shelves in a stable manner, and temporary anchoring means of any convenient or preferred form may be employed to normally hold the cases in a fixed location.

Near the tops of the show cases, I provide eyes or similar devices 54 which are to be engaged by the hook terminals 55 of a track rod or rail 56 extending longitudinally of the show cases or a row of show cases in spaced relation thereto. This track 56 is engaged by a grooved roller 57 at the upper end of a standard or frame 58 rising from a stepped platform 59 equipped with casters or rollers 60 whereby it may be easily moved over the floor of the store room. Obviously, children or persons of low stature may, by the aid of this stepped platform or car, easily reach the articles upon the upper shelves.

It is to be noted that although the car or platform may be easily shifted along the front of a row of shelves, it will be held in its predetermined lateral relation thereto and provides a substantial support for persons who may desire to reach articles on the upper shelves without obstructing the view of certain of the lower shelves and the merchandise thereon.

Having thus described the invention, what is claimed as new is:

In a store, the combination of a row of shelving, eyes projecting from the ends of the row near the top thereof, a rail arranged parallel with the front of the shelving and having downturned ends secured in said eyes, a rolling platform upon the floor immediately adjacent the front of the shelving, a standard rising from the platform at the side thereof adjacent the shelving, the entire standard being in a vertical plane parallel with the vertical plane of the track rail and between the rail and the platform and a grooved roller carried by the upper end of the standard at the rear side thereof and running on the upper side of said rail.

In testimony whereof I affix my signature.

HASTING P. HOWARD. [L. S.]