Feb. 19, 1935. T. M. WEE 1,992,106

MEAT RACK

Original Filed June 21, 1932 3 Sheets-Sheet 1

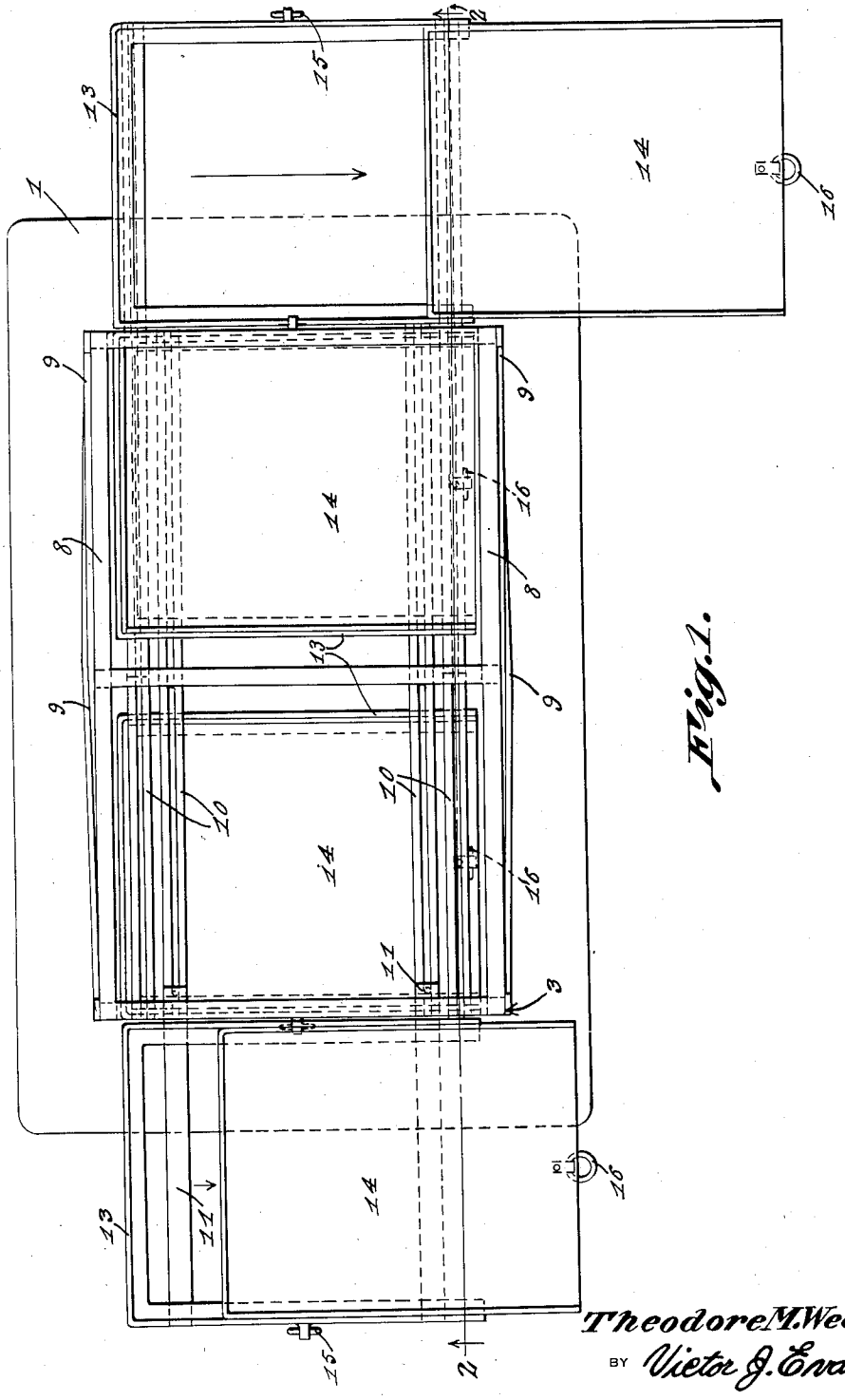


Fig. 1.

Theodore M. Wee, INVENTOR

BY Victor J. Evans & Co.

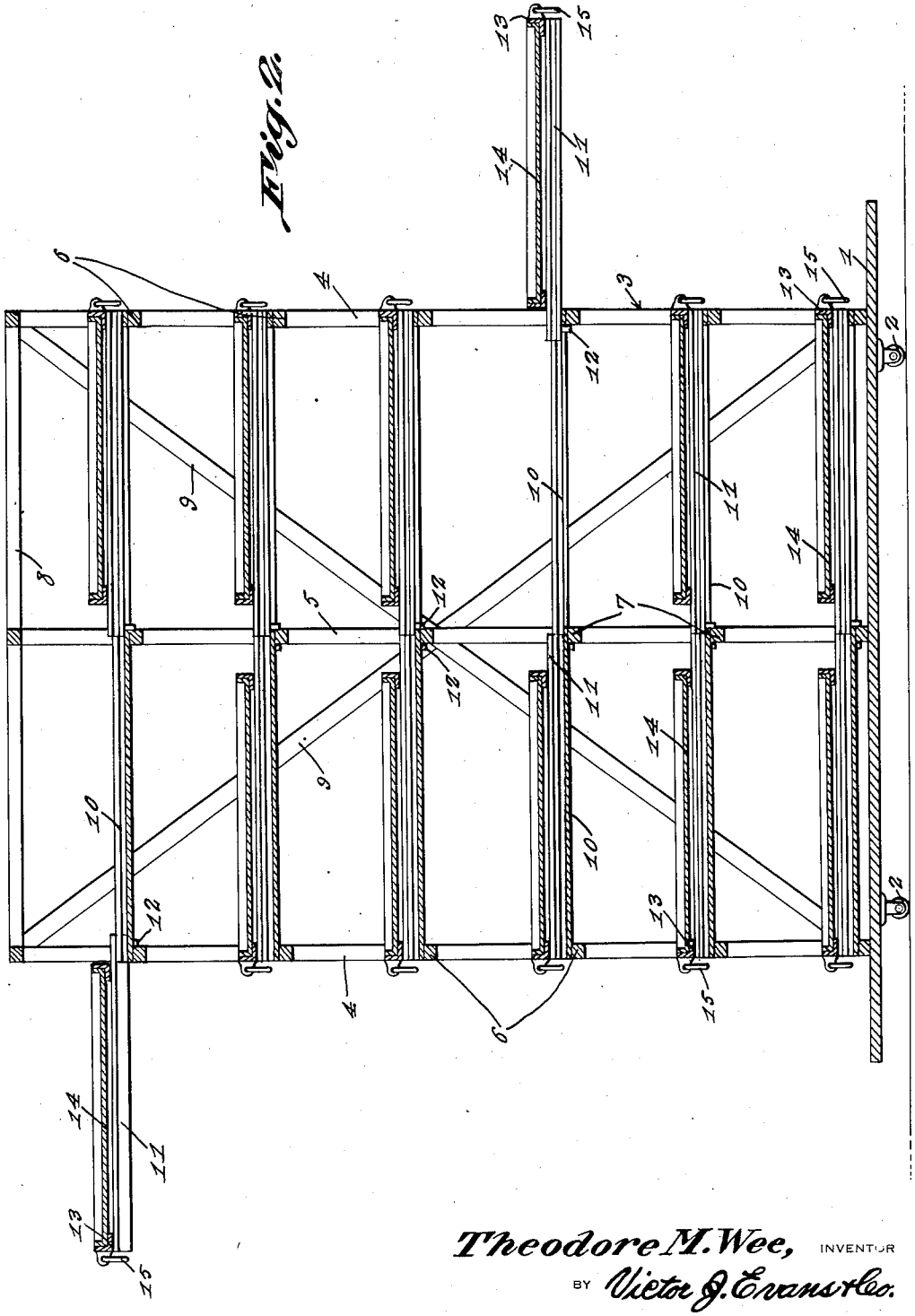
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MEAT RACK

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Fig. 2.



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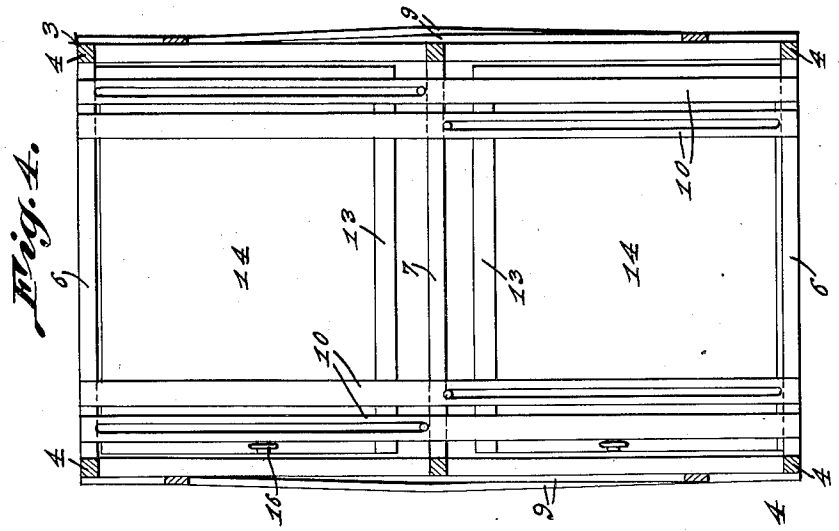


Fig. 4.

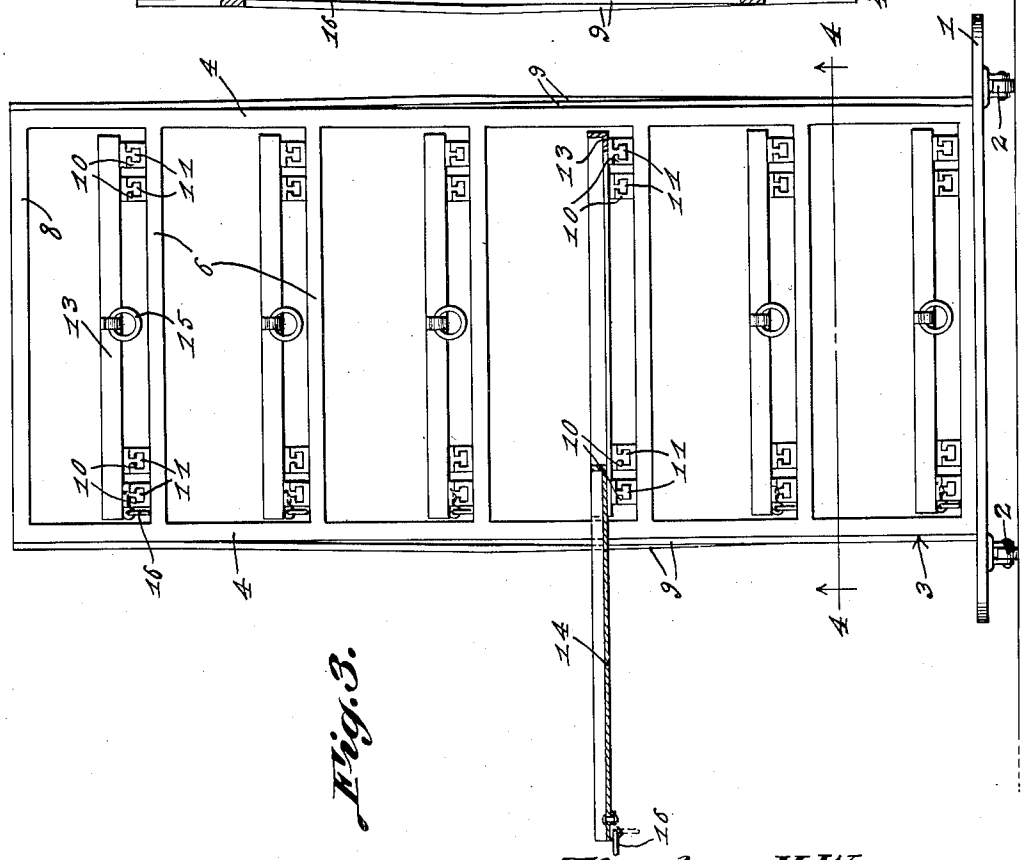


Fig. 3.

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Patented Feb. 19, 1935 1,992,106

UNITED STATES PATENT OFFICE

1,992,106

MEAT RACK

Theodore M. Wee, Butte, Mont.

Application June 21, 1932, Serial No. 618,562
Renewed July 17, 1934

1 Claim. (Cl. 211—143)

This invention relates to racks especially adapted for handling and transporting meats and other merchandise from one place to another within a plant and has for the primary object, the provision of a portable device having trays so mounted thereon that they may be easily and quickly loaded and unloaded without removing the trays from the device and said trays also being capable of entire removal from the device when desired.

With this and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which

Figure 1 is a top plan view illustrating a rack constructed in accordance with my invention.

Figure 2 is a vertical sectional view illustrating the same.

Figure 3 is a side elevation illustrating one of the trays positioned for loading or unloading.

Figure 4 is a sectional view taken on the line 4—4 of Figure 3.

Referring in detail to the drawings, the numeral 1 indicates a base supported by casters 2 and mounted on and carried by the base 1 is a supporting structure 3 consisting of vertically disposed corner members 4 and intermediate vertically disposed members 5. The corner members are connected by bars 6 at spaced intervals while the intermediate members 5 are connected at spaced intervals by bars 7. The upper ends of the bars 4 and 5 are connected by bars 8 and also diagonally extending braces 9 are provided at the front and rear of the supporting structure between the corner bars 4. Tray spaces are provided in the supporting structure between the bars 6 and 7 and arranged at the front and rear of the tray spaces are guides 10 slidably supporting tray frames 11 provided with stops 12 to limit the sliding movements of the tray frames outwardly at the sides of the supporting structure by engaging the bars 6 and said tray frames are limited in their inward sliding movement by the stops 12 engaging the bars 7. The tray frames 11 carry guides 13 arranged at right angles to the movements of the tray frames and slidably support trays 14. The trays 14 move with the tray frames in and out of the supporting structure as shown in Figure 2 whereby they may be easily and quickly loaded and unloaded with articles of merchandise and when it is desired to remove a tray from its tray frame, the latter is moved outwardly of the supporting structure as shown in Figure 2, whence the respective tray may be slid therefrom in a direction at right angles to the respective tray frame. The tray frames at their outer ends are provided with finger pieces 15 to facilitate the sliding movements of the tray frames into and out of the supporting structure. Each tray 14 is provided with a pivotal finger piece 16 whereby a person may easily obtain a grip on the tray when desiring to remove or replace the same on its respective tray frame.

From the foregoing description taken in connection with the accompanying drawings, it will be noted that a device has been provided whereby a great number of articles of merchandise may be conveniently carried thereby and moved from one place to another and also that each tray may be positioned outwardly of the supporting structure when desiring to load and unload the trays with merchandise. Should it be necessary to employ the trays for other purposes they may be readily removed from the tray frames when the latter are positioned outwardly of the supporting structure.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of my invention, as claimed.

Having thus described my invention, what I claim is:—

A meat rack comprising a portable flat base, corner and intermediate members rising vertically from the base, spaced horizontal bars connecting said intermediate members, spaced horizontal members connecting said corner members and cooperating with the first-mentioned bars in forming guide supports, guides carried by said bars, tray frames supported by the guides and movable inwardly and outwardly with respect to the corner members, trays slidable on said frames and detachable therefrom when said frames are moved outwardly of the corner members, diagonally extending braces connecting the corner members to provide skeleton sides for aiding in preventing merchandise stacked on the trays from falling therefrom, and members connecting the upper ends of the corner and intermediate members.

THEODORE M. WEE.