My invention relates to a swinging bracket that is especially designed for use in refrigerated show cases and the like, for holding and displaying trays or receptacles that contain food products such as meats, salads, cheese or the like, and the construction herein disclosed is an improvement upon a similar swinging receptacle bracket that forms the subject matter of my co-pending application for U.S. Letters Patent filed December 12th, 1928, Serial No. 325,438.

The principal objects of my present invention are, to generally improve upon and simplify the construction of the bracket disclosed in my aforesaid patent application as well as other similar swinging brackets, further to provide a bracket wherein a portion of the receptacle engaging bracket is adjustable in order that the bracket may be adjusted so as to receive receptacles having side walls of different heights and further, to provide a bracket support that is reversible in order that the bracket may be mounted so as to swing within the show case without coming into contact or interfering with parts that may be arranged within the show case, for instance, refrigerating pipes, fixed brackets or shelves.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will hereinafter be more fully described and claimed and illustrated in the accompanying drawings, in which:

Fig. 1 is a horizontal section taken lengthwise through a portion of a show case and showing a swinging receptacle bracket of my improved construction applied to said show case.

Fig. 2 is an enlarged detail section taken approximately on the line 2—2 of Fig. 1.

Fig. 3 is a horizontal section taken approximately on the line 3—3 of Fig. 2.

Fig. 4 is a sectional view showing a modified form of the hinge pin of the swinging bracket.

Fig. 5 is a vertical section showing a modified form of the adjustable bracket.

Fig. 6 is a front elevational view of the support for the swinging bracket.

Fig. 7 is a vertical section taken on the line 7—7 of Fig. 6.

Fig. 8 is an elevational view of the support in inverted position.

Fig. 9 is an elevational view showing a modified form of the swinging arm that forms a part of the bracket.

Fig. 10 is a detail view showing a horizontally disposed plate or panel supported by my improved swinging bracket.

Referring by numerals to the accompanying drawings which illustrate a practical embodiment of my invention, 10 designates a plate that forms a support for the swinging bracket and formed in said plate is a pair of longitudinally disposed slots 11 and the intermediate portion of each slot is enlarged to form a substantially circular opening 12. These openings 12 are for the accommodation of the heads of screws 13, which screws are seated on the inside of one of the door posts 14 that is located in the rear wall of the refrigerator and which rear wall includes hinged doors 15.

After the plate 10 has been applied to the screws 13, said plate is moved downward a short distance so that the screws occupy the upper ends of the slots 13 and thus said plate is firmly supported in upright position on the inner face of the door post.

Formed integral with the outer face of plate 10 and projecting outwardly therefrom are horizontally disposed plates 16, in which are formed vertically aligned openings 17 that serve as bearings for a pin or post 18.

This pin or post 18 depends from a lug 19 that is formed integral with one end of a horizontally disposed angle bracket or arm 20. In some instances the pin or post may be formed integral with the lug 19 or as illustrated in Fig. 4, it may be slightly tapered and driven into an opening in said lug.

Formed integral with and projecting rearwardly from the angle bracket 20 a short distance from the pin 18, is a lug 21 that functions as a stop to bear against the inner face of the box 19 and limit the swinging movement of the bracket in one direction and consequently holding the bracket in proper position within the show case.
Formed integral with and depending from the forward end of angle bracket 20 is a plate 22 that is slightly inclined relative to a vertical plane and the central portion of the front face of this plate is inset to form vertically disposed slot or depression 23.

Formed integral with the upper edge of plate 22 to the sides of the depression 23 are outwardly presented inverted U-shaped hooks 24.

Arranged to slide vertically on the front face of plate 22 is a plate 25 having on its rear face a lug 26 which occupies the depression 23 in plate 22 and formed integral with the lower edge of this plate 25, at the ends thereof, are outwardly projecting horizontally disposed plates 27.

A screw 28 is seated in the center of plate 25 and projects rearwardly through a slot 29 in the center of plate 22 and the projecting end of this screw receives a nut 30.

The construction just described permits the plates 22 and 25 to be locked to each other after plate 25 has been vertically adjusted upon said plate 22 and as a result the bracket will accommodate receptacles having side walls of different heights.

When a receptacle is positioned in the bracket, the bottom of said receptacle rests on the plates 27 and hooks 24 engage over the upper edge of one of the walls of the receptacle, as illustrated in Figs. 1 and 2. When the receptacle that is carried by the bracket is properly positioned within the show case it occupies a position as illustrated by solid lines in Fig. 1 and when it is desired to remove a portion of the contents of the pan or receptacle, the door in the rear of the show case is swung laterally so that the supported receptacle is locked wholly on the exterior of the show case, as shown by dotted lines in Fig. 1 and where it is readily accessible.

By inverting the supporting plate 10, the plates 16 may be arranged at different elevations so as to correspondingly support the swinging bracket and this adjustably enables the bracket to be mounted so as to swing from one position to another without striking against or interfering with parts such as refrigerating pipes, shelves and fixed brackets that may be located on the interior of the show case.

In Fig. 5, I have shown a modified construction wherein the upright member of an L-shaped bracket 31 is arranged for sliding movement in a groove 32 that is formed in the front face of a plate 33 that depends from the swinging bracket and the means for adjusting bracket 31 on plate 33 comprises a rod 34 that passes through an aperture 35 in the swinging arm and through a perforated lug 36 that projects rearwardly from the lower portion of plate 33.

The lower end of rod 34 is threaded and passes through a thread aperture in a lug 37 that projects rearwardly from the lower portion of plate 31.

Where this construction is employed screw rod 34 is rotated to raise or lower bracket 31 on plate 33.

In Fig. 9 I have shown the rear end of the swinging bracket provided with a lug 38 that is adapted to be positioned between the plates 16 on supporting plate 10 and the parts are pivotally connected by means of a pin or bolt 39 that passes through plate 17 and through an axial opening in lug 38.

In Fig. 10 I have shown the outer end of a swinging arm 20 provided with a clamp 40 that is secured to the arm by a screw 41 and engaged between the edges of said clamp and arm is one edge of a horizontally disposed plate 42 which may be formed of glass or other material and which may support products that are displayed within a refrigerated show case or the like.

Thus it will be seen that I have provided a swinging receptacle bracket that is relatively simple in construction, inexpensive of manufacture and which bracket and its support are capable of being readily adjusted for the accommodation of receptacles having side walls of different heights and so as to swing in different horizontal planes within the show case with which the bracket is associated.

It will be understood that minor changes in the size, form and construction of the various parts of my improved swinging receptacle bracket may be made and substituted for those herein shown and described without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:
1. A swinging receptacle bracket, an arm adapted to swing in a horizontal plane, an inverted hook on the upper portion of the outer end of said arm, a substantially L-shaped member arranged for vertical adjustment on the outer portion of the arm below said hook and a rib and groove connection between said L-shaped member and arm.
2. A swinging receptacle bracket, an arm, means whereby said plate is reversibly secured to a support, a post arranged for rotary movement on said plate, an arm projecting from the upper portion of said post, an inverted hook on the outer end of said arm, a substantially L-shaped supporting member mounted on the forward portion of said arm below said inverted hook and means for securing said L-shaped member to the outer portion of said arm in differently adjusted positions.
3. In a swinging receptacle bracket, a base plate provided with slots for the reception of fastening means, plates projecting outwardly from said base plate, which plates are provided with aligned bearings, a post arranged
for operation in said bearing, an arm projecting from the upper portion of said post, an inverted hook on the outer end of said arm, a substantially L-shaped supporting member mounted on the forward portion of said arm below said inverted hook and means for securing said L-shaped member to the outer portion of said arm in differently adjusted positions.

In testimony whereof I affix my signature.

ALDEN R. MORRIS.