No. 850,363. PATENTED APR. 16, 1907.

H. FRANKEL.

BRACKET FOR CLOTHING CABINETS.

APPLICATION FILED MAY 2, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

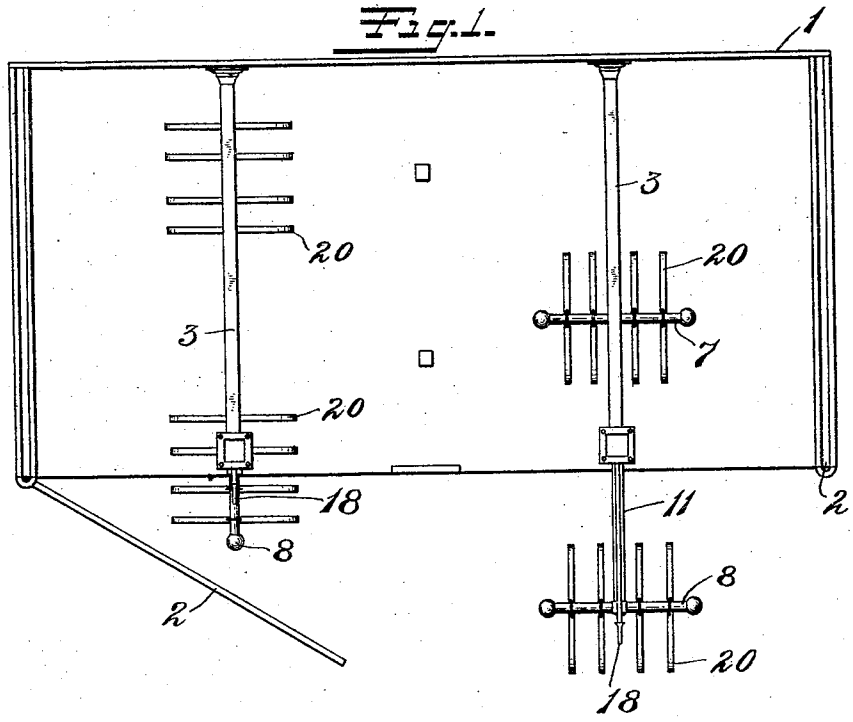
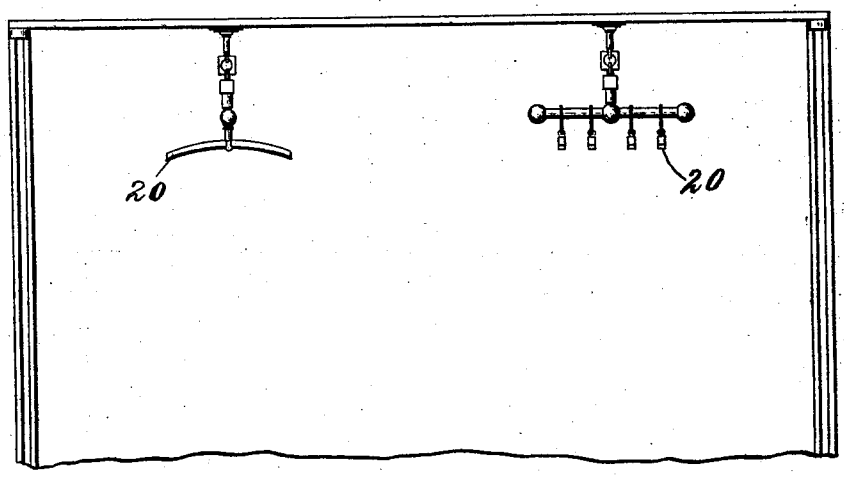


Fig. 2.



Witnesses:
Chas. H. Pearl
R. F. B. Allyn

Inventor
HARRY FRANKEL
By his Attorneys
Bartlett, Brownell & Mitchell

THE NORRIS PETERS CO., WASHINGTON, D. C

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2 SHEETS—SHEET 2.

Fig. 3.

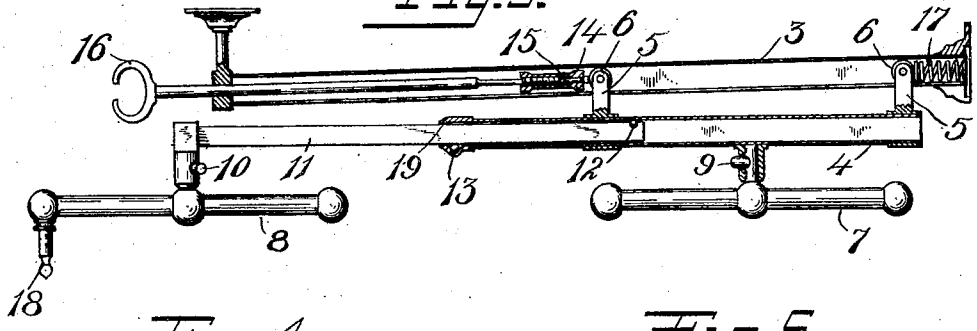


Fig. 4.

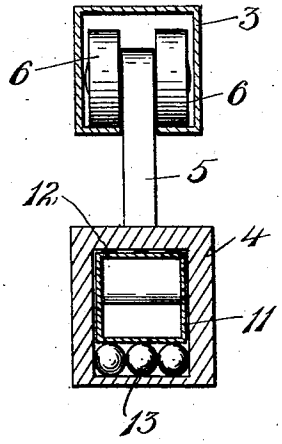


Fig. 5.

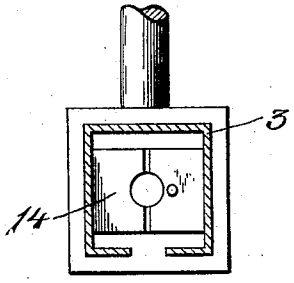
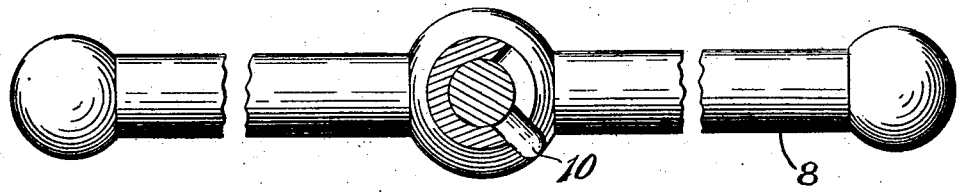


Fig. 6.



Witnesses

Chas. A. Peard

R. F. Allyn

Inventor

HARRY FRANKEL

By his Attorneys

Bartlett, Brownell & Mitchell

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HARRY FRANKEL, OF NEW YORK, N. Y.

BRACKET FOR CLOTHING-CABINETS.

No. 850,363. Specification of Letters Patent. Patented April 16, 1907.

Application filed May 2, 1906. Serial No. 314,734.

To all whom it may concern:

Be it known that I, HARRY FRANKEL, a citizen of the United States, residing at the city, county, and State of New York, have invented certain new and useful Improvements in Brackets for Clothing-Cabinets, of which the following is a full, clear, and exact description.

My invention relates to fixtures or attachments for clothing-cabinets, and particularly to a new form of bracket, as shown in the accompanying two sheets of drawings.

The object of the invention is to provide a construction which will accommodate a number of garment-hangers in a compact space and yet make it possible to exhibit the garments fully.

The invention consists in improvements in the supporting member of the bracket, in the carriage, in stops for the carriage, and in supports for the hangers.

Figure 1 is a diagrammatic plan view of a cabinet, showing two brackets of my invention in place, one bracket being partially extended and the other fully extended and in position for displaying garments hung therefrom. Fig. 2 is a diagrammatic view of a fragment of the top of the cabinet, showing the two brackets and attached parts in the positions of Fig. 1. Fig. 3 is a longitudinal sectional view and elevation of a bracket embodying the improvements of my invention, the parts being shown partially extended. Fig. 4 is a vertical sectional view showing the support for the carriage and its extensible member. Fig. 5 is a vertical sectional view showing the expanding stop-block. Fig. 6 is a horizontal sectional view and plan of one of the hanger-bars, showing a stop for limiting its rotative movement.

1 indicates the body of a double cabinet, having doors 2 2, which are hinged at the sides and adapted to slide back into pockets, as is customary. It will be obvious, however, that the invention is equally applicable to single cabinets and whether having sliding or swinging doors. So, also, the invention may be applied to a cabinet having any number of sections.

3 is the guide member of the bracket, which is adapted to be secured in a cabinet or other convenient place, as underneath a shelf. This guide member is preferably formed of a metal tube having a slot in its under side and slightly inclined toward the front for facilitating the forward movement of the carriage.

4 is the main portion of the carriage, which is also preferably formed from a metal tube.

5 5 are arms which extend upward through the slot in the under side of the guide 3. Each of these arms has a pair of rollers 6 6, located within the guide, adapted to travel along the flanges formed by the under side thereof. The rear arm 5 is preferably longer than the front arm 5, so that the carriage is substantially horizontal.

7 and 8 are two bars rotatably supported from the under side of the carriage and preferably provided with stop-pins 9 and 10 for limiting their movement.

The outer bar 8 is preferably carried by an extensible member 11, which slides in the tubular portion 4 of the carriage. To reduce the friction between the extensible member 11 and the tubular member 4, I have provided two series of ball-bearings 12 and 13, arranged in suitable pockets. The weight of the extensible member 11 and its attached parts causes the bearing 12 to be held against the under surface of the top of the tubular member 4 and causes the extensible member to rest upon the bearings 13.

14 is a split block mounted in the tubular guide 3 and frictionally engaging the sides to cause it to act as a stop against the forward movement of the carriage. For expanding this block I have provided an expansion-screw 15 and a handle 16 for operating it. This handle also serves to draw the stop-block forward or move it backward, as may be desired.

17 is a spring which may be provided at the rear for giving the carriage a normal impulse toward the front. Normally, however, the carriage is forced to the rear and held by means of the stop-block 14.

The extensible member 11 is normally telescoped in the tubular portion 4 of the carriage, so that the parts will be in as compact a space as possible, the bars 7 and 8 being arranged beneath the carriage and guide and substantially parallel therewith.

18 is a handle carried by one end of the bar 8 for convenience in pulling out the extensible member and carriage.

A suitable stop 19 may be provided for preventing the entire withdrawal of the extensible member 11 from the tubular member 4.

20 20 indicate hangers for supporting garments. These hangers are adapted to be hung on the bars 7 and 8 and of course may be rotated with them from the position shown at the left in Fig. 1 to the position shown at the right. When the carriage is extended and the bars 7 and 8 thrown into their crosswise position, the edges of the garments supported by the hangers 20 20 are displayed to view. In this position there is room for a person to walk along the front of the cabinets between the series of garments hung from the bars 7 and 8 and inspect the inner series as well as the outer series. This saves a vast amount of time and handling of the garments. This is particularly advantageous where a large number of garments are displayed on a long row of brackets.

What I claim is—

1. A bracket, comprising a tubular guide, a carriage having rollers mounted to travel in said guide, a stop-block mounted in said guide to limit the movement of the carriage, and a handle extending from the front for adjusting said stop-block.

2. A bracket, comprising a tubular guide, a carriage having rollers supported in said guide, a spring-buffer at the rear end of said tubular guide, an extensible member telescoping in said carriage, antifriction-bearings carried by the inner end of said extensible member at the top, and antifriction-bearings carried at the front of said carriage member beneath said extensible member.

3. A bracket, comprising a guide, a carriage adapted to travel longitudinally thereof, a spring mounted in the guide normally tending to move the carriage, and swinging rods carried by said carriage and adapted to support garment-hangers.

4. A bracket, comprising a guide, a carriage adapted to travel longitudinally thereof and having an extensible member and swinging rods carried by the main portion, an extensible member of said carriage adapted to support garment-hangers engaging means in the guide to secure the carriage in any desired position, and means for operating said engaging means.

5. A bracket, comprising a guide, a carriage adapted to travel longitudinally thereof and having an extensible member, a bar rotatably carried by said extensible member, a handle carried by said bar an adjusting stop-block movable in the guide, and means for adjusting the stop-block to limit the movement of the carriage.

6. A bracket, comprising a guide, a carriage adapted to travel longitudinally thereof, a rod carried by said carriage and having a limited swinging movement and adapted to support garment-hangers an adjusting stop-block in the guide, means to adjust the stop-block to limit the movement of the carriage, and a spring normally tending to hold the carriage against the stop-block.

7. A bracket, comprising a tubular guide, a carriage having antifriction-bearings supported in said guide, an adjustable stop for said carriage in said guide, and a spring mounted in the guide normally tending to move said carriage.

HARRY FRANKEL.

Witnesses:
R. C. MITCHELL,
L. VREELAND.