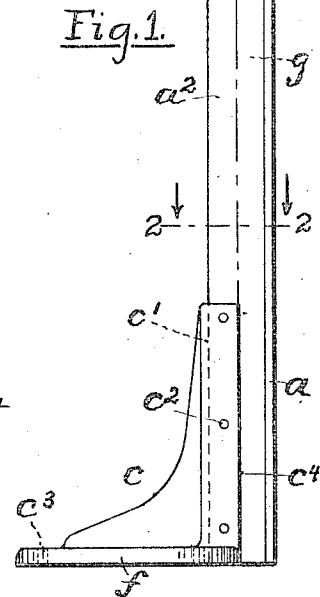
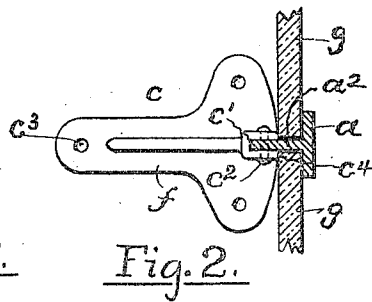
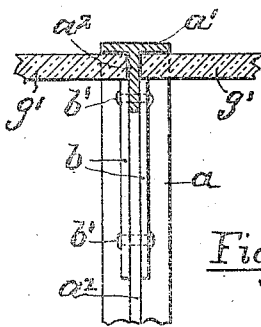
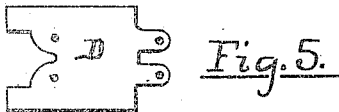
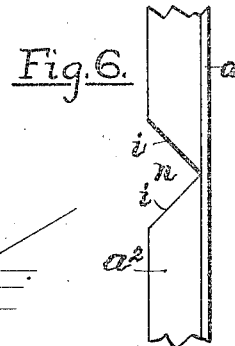
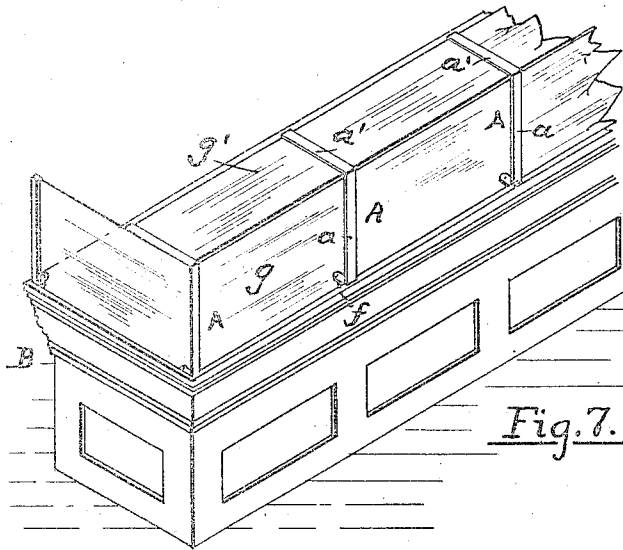


971,300.



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UNITED STATES PATENT OFFICE.

JOSEPH B. MONETTE, OF PROVIDENCE, RHODE ISLAND.

COUNTER-GUARD BRACKET.

971,300.

Specification of Letters Patent. Patented Sept. 27, 1910.

Application filed June 13, 1910. Serial No. 566,475.

To all whom it may concern:

Be it known that I, JOSEPH B. MONETTE, a citizen of the United States of America, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Counter-Guard Brackets, of which the following is a specification.

My present invention relates to improvements in metal brackets, adapted more particularly for holding side and top glass plates, and used in connection with counter-protecting devices for stores, and it consists essentially of a bracket having its body portion proper formed from a piece of roll-forged, relatively light T-iron bar, a portion of its central web being removed so as to adapt the bar to be bent to produce the main standard and top members of the bracket, its top member extending rearwardly at substantially right angles from the standard; ties or struts connecting said members at a point contiguous to the angle or bend, a base member secured to the lower end of the standard, the said tie and base members being further adapted to assist in maintaining the glass plates in normal position, and a metal clip movably secured to the rear end portion of the said top member of the bracket for supporting the top glass plate, while at the same time locking it in position.

In the accompanying sheet of drawings, Figure 1 represents a side elevation of my improved bracket, the front and top glass plates being indicated by broken lines. Fig. 2 is a horizontal sectional view taken on line 2 2 of Fig. 1. Fig. 3 is a transverse or cross-sectional view taken on line 3 3 of Fig. 1. Fig. 4 is an end view of the upper member of the bracket, showing a device for supporting the top glass plates. Fig. 5 represents a plan view of the sheet metal blank from which the clip member or device just referred to is formed. Fig. 6 is a side view showing a portion of the T-iron bar before it is bent to the right angle form indicated in Fig. 1; and Fig. 7 represents, in perspective, a counter equipped with a protector or guard employing my improved brackets.

In my improved counter-guard bracket A the standard a and horizontal top member a^1 , comprising the body portion of the bracket, are preferably integral and are produced from a piece of roll-forged T-iron bar, its central web a^2 being notched, as at

n Fig. 6. The thus notched bar is bent inwardly until the two edges ii of the notched part are in engagement, thereby disposing the said members a a^1 of the bracket at substantially right angles to each other, as shown in Fig. 1. In order to strengthen and stiffen the bracket at the angle or junction of the said members a pair of short, narrow, oppositely disposed struts or braces b of metal may be employed, the same being secured to the web by rivets b^1 . The ends b^2 of each brace may be adapted to support the adjacent ends of the side and top glass plates, g , g^1 , as indicated in Figs. 1 and 3.

The lower end of the web of the standard member a is mounted in the vertical groove c^1 of a casting c , and secured in place in any suitable way, as for example by rivets c^2 . The casting has a base or foot f provided with screw-holes c^3 , thereby adapting the bracket to be removably secured to the top of a counter. The outer or front vertical edges c^4 of the sides of the member c may be adapted and arranged to support or form a back for the vertical side glass plates g . See also Fig. 2. The rear face of the front or outer flanged part of the T-iron members a a^1 constitutes a continuous support for the adjacent ends of the glass plates. The portions of the said flanges and web a^2 immediately contiguous to the glass plates may be lined with thin felt, cloth or other suitable material to lessen the rigidity of the setting and to prevent the glass plates from being unduly affected by jars or vibrations.

At or near the rear end of the top member a^1 of the bracket is mounted a combined guard and glass-supporting clip d , formed from the sheet-metal blank D shown in Fig. 5. The blank is bent to a substantially U-shape form (Figs. 1 and 4). The sides are further bent and extended outward to produce a pair of oppositely disposed horizontal lateral wings d^2 , each terminating at its free or rear end in an upturned extension d^3 . The web a^2 of the member a^1 is inclosed between the two sides of the clip, the latter being pivoted to it at d^1 and held in the normal operative position by a removable pin d^4 passing transversely through the clip and web. As thus devised and arranged, the clip serves to support the adjacent ends of a pair of top glass plates g^1 , while at the same time the said upturned portions d^3 act to lock the said plates in position laterally and prevent them from mov-

ing rearwardly, as clearly shown in Figs. 1 and 4.

In Fig. 7 is represented an ordinary counter B provided with protecting front side and top glass plates g and g^1 mounted in my improved brackets A.

In assembling and positioning the elements constituting the improved counter-protecting device the corner or end bracket is first positioned on top of the counter and secured in place by screws passing through the holes c^3 of the bracket's base, followed by inserting an end of the temporarily supported side plate g in the vertical space formed therefor in the bracket, after which the next bracket is positioned or spaced laterally with relation to the first-named bracket, while at the same time introducing the adjacent end of the plate g into the seat provided for it, and then securing the bracket in place; the operation being repeated throughout the length of the counter. Now, in order to position and secure the glass top guard-plate g^1 in place (the clips or latches d then being dropped as indicated by dotted lines in Fig. 1) each plate is inserted flatwise from the rear and between the corresponding pair of brackets until its forward longitudinal edge extends over the top edge of the positioned side plate g and abuts the back of the front flanges of the brackets, after which the clips d are swung upward to the horizontal position and the locking-pins d^1 inserted, the upturned ends d^2 then effectually preventing the top plates from moving or becoming unseated.

I claim as my invention:—

1. As an improved article of manufacture, a counter-guard bracket consisting of a length of roll-forged T-iron bar bent to

form standard and top members disposed at an angle to each other, a base or foot element, means secured to and coöperating with the said standard and top members adapted to receive and support the adjacent end portions of side and top glass plates, and means mounted at the rear end of the top member of the bracket adapted when in use to maintain the top glass plate in the normal position and prevent it from moving rearwardly.

2. In a bracket provided with standard and top members disposed at an angle to each other and arranged to receive and hold the ends of glass plates, the combination therewith of a movable clip attached to the rear end of said top member, provided with lateral and end lips or flanges constructed and adapted both to support a glass plate and at the same time prevent it from moving rearwardly, and means for locking the clip in the normal position.

3. In a counter-guard bracket provided with a top member having a T-shape cross-sectionally, forming a flange and central web, the combination therewith of a swinging clip jointed to the free end portion of said web having lateral wings disposed at right angles to the web adapted to support glass plates, the rear end of the said wings being extended and bent upward therefrom to form a stop, and means for locking the clip in the normal operative position.

In testimony whereof I have affixed my signature in presence of two witnesses.

JOSEPH B. MONETTE.

Witnesses:

GEO. H. REMINGTON,
CALVIN H. BROWN.