

No. 864,847.

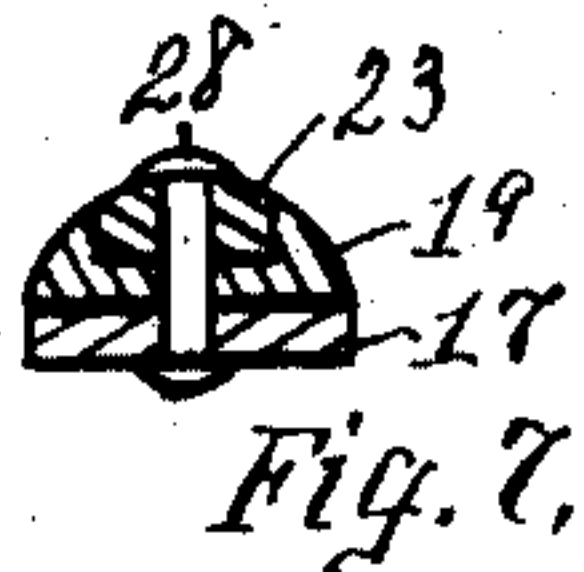
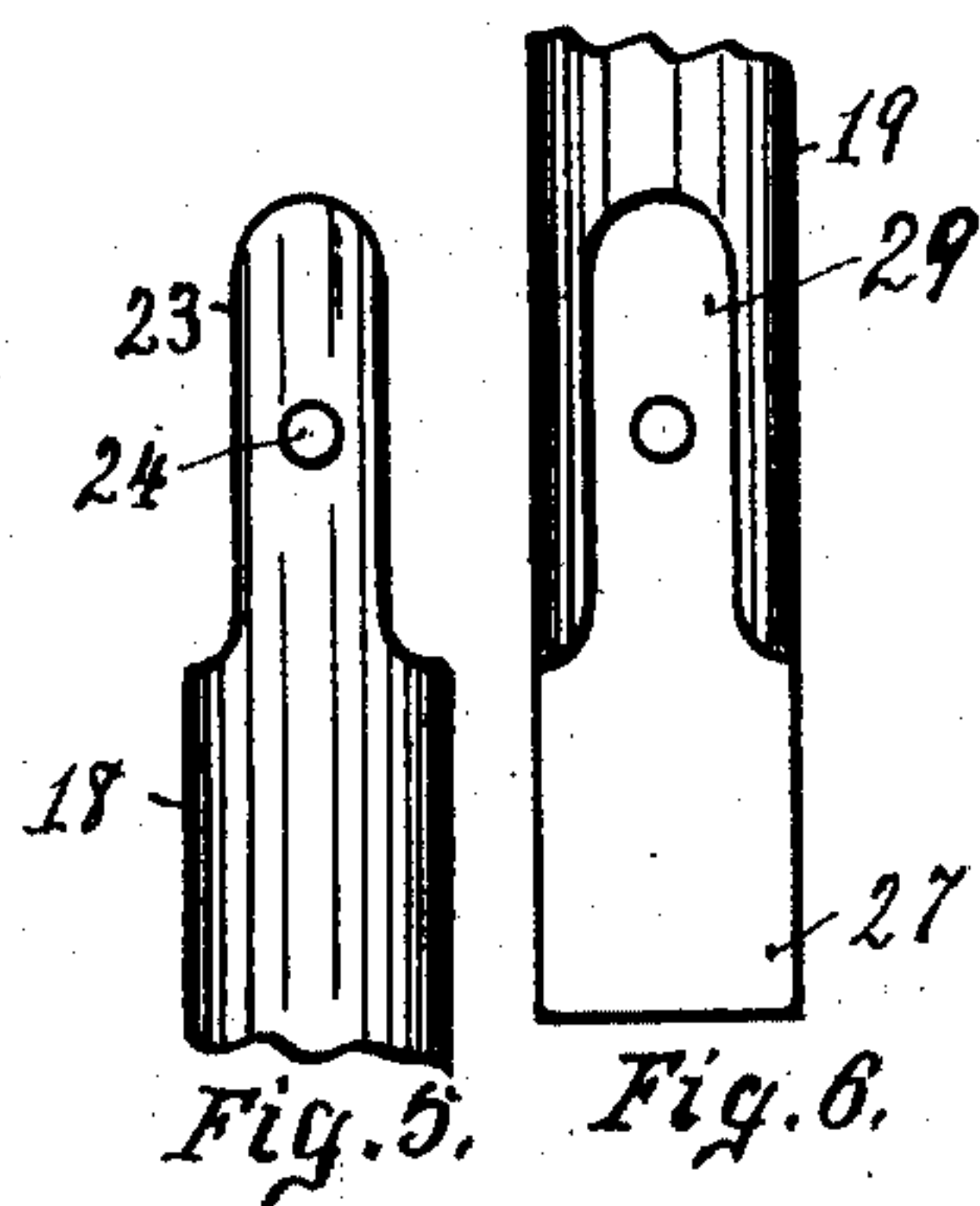
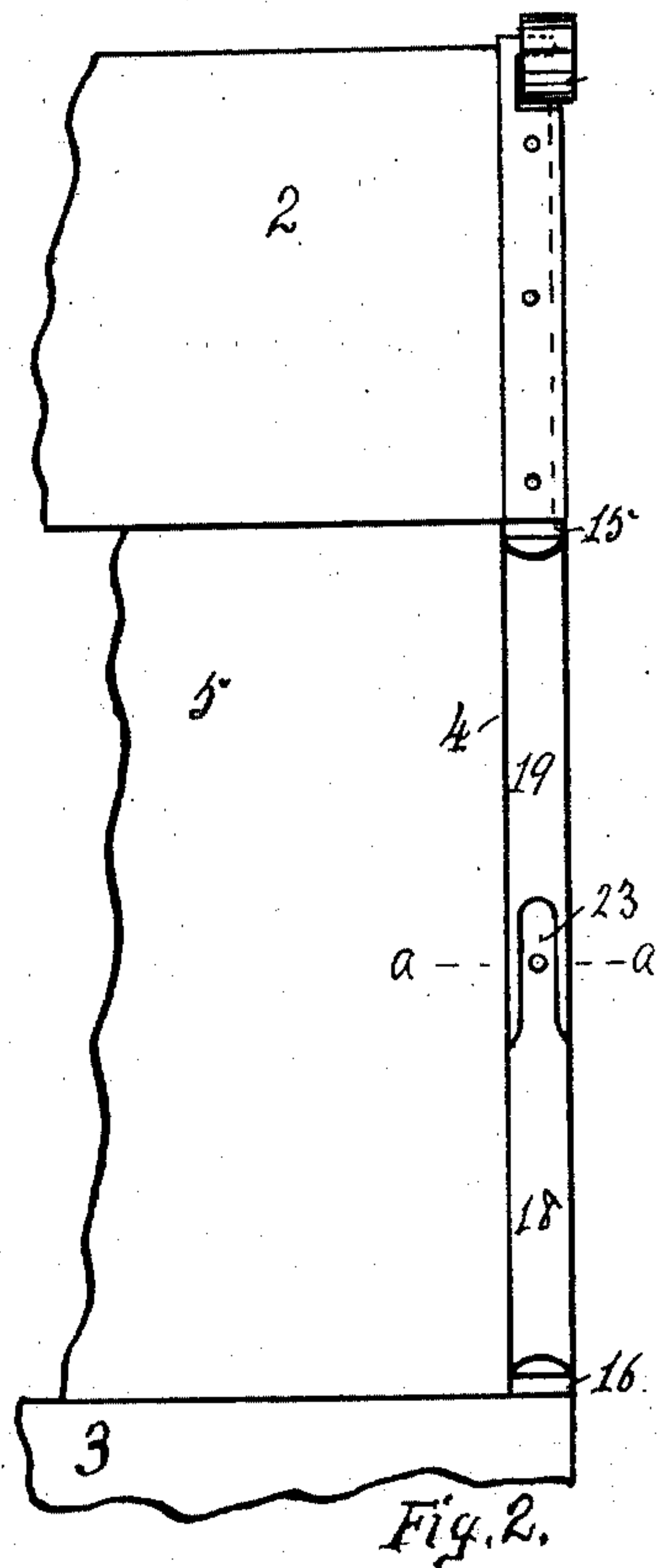
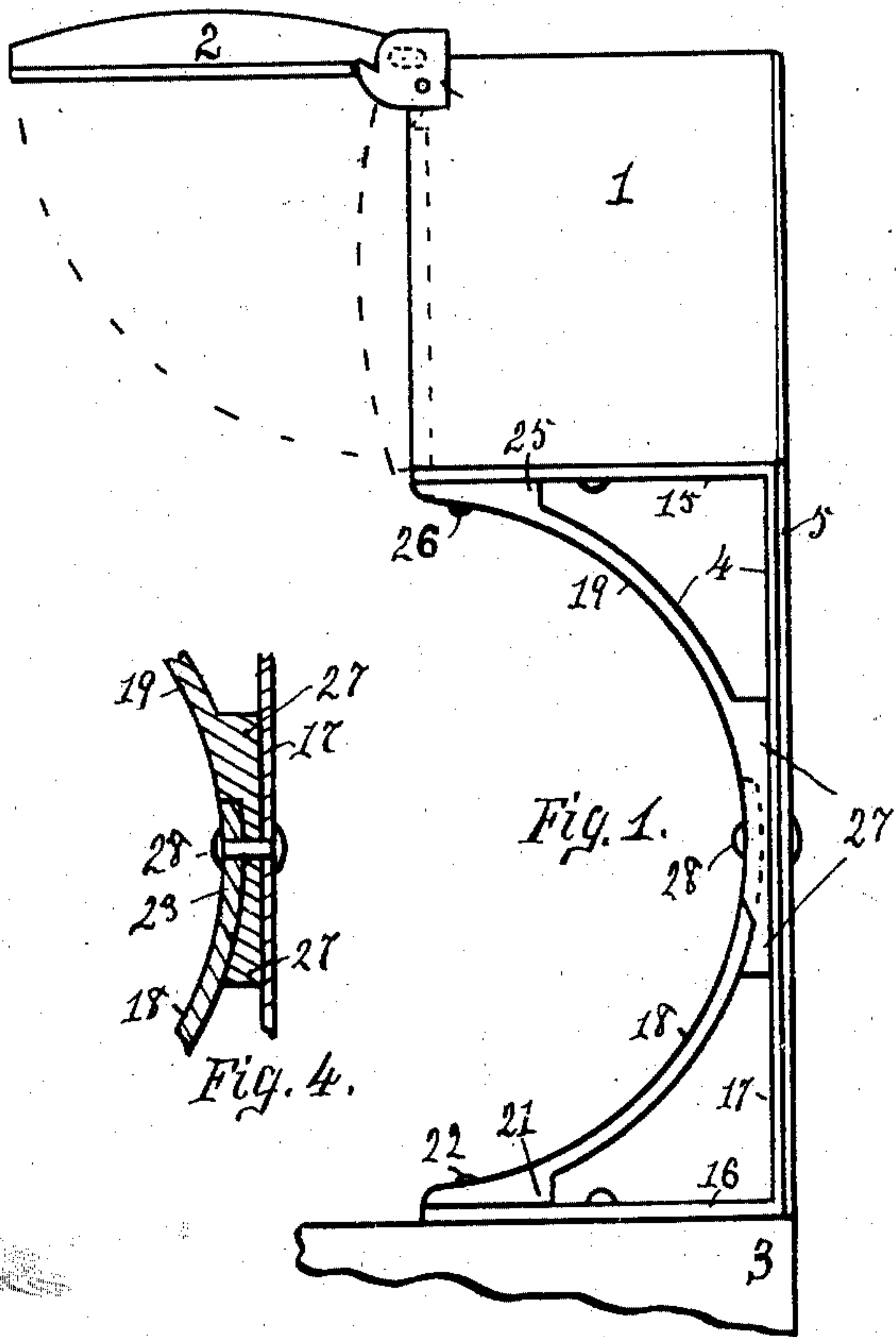
PATENTED SEPT. 3, 1907.

L. KAHN & R. CHRIST.

BRACKET.

APPLICATION FILED MAR. 27, 1906.

2 SHEETS—SHEET 1.



Witnesses,
Samuel S. Carr,
James G. Carr.

Inventors,
Lazard Kahn, and
Rinehart Christ,
By Robert S. Carr, Atty.

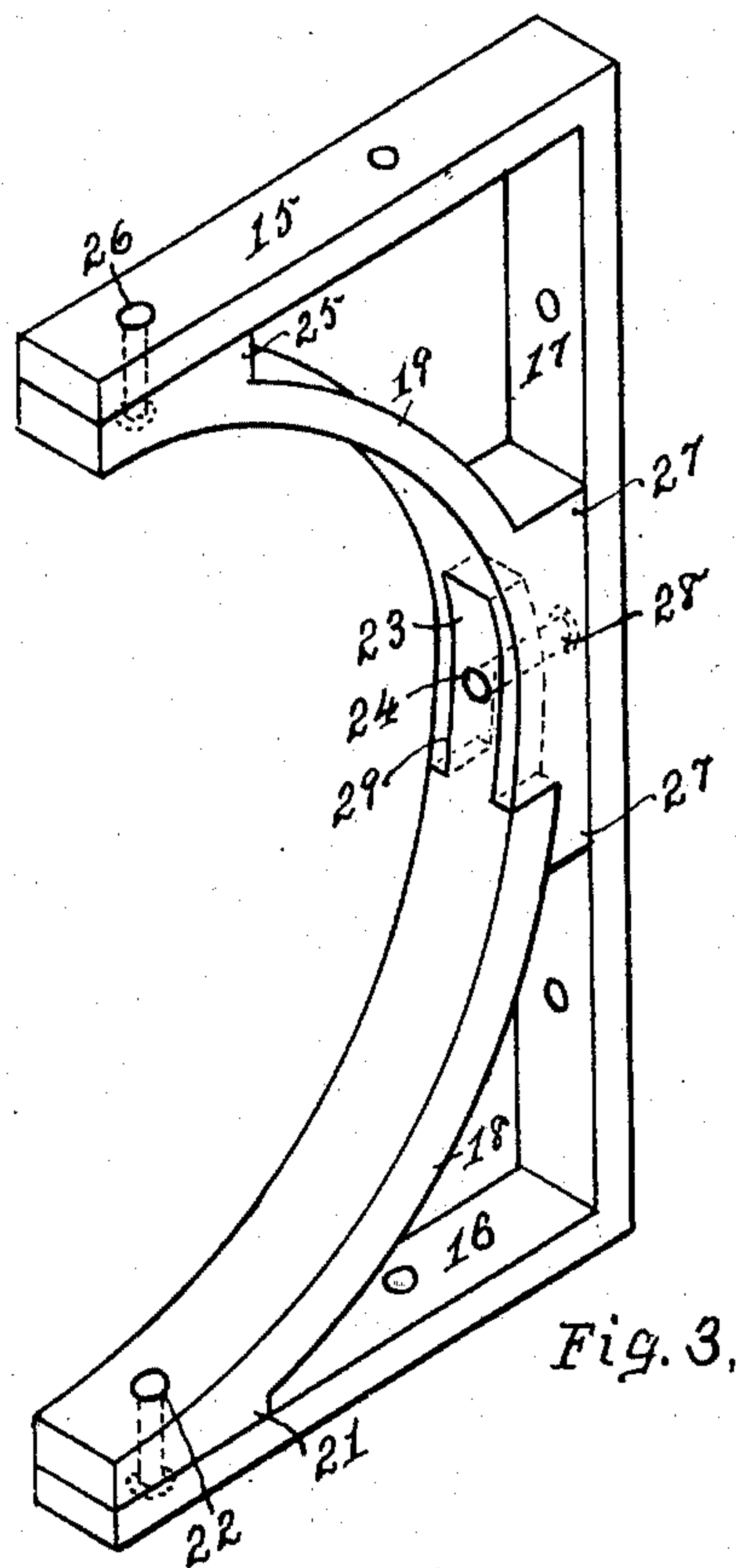
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2 SHEETS—SHEET 2.



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By Robert S. Carr.
J.H.H.

UNITED STATES PATENT OFFICE.

LAZARD KAHN AND RINEHART CHRIST, OF HAMILTON, OHIO, ASSIGNORS TO THE ESTATE
STOVE COMPANY, OF HAMILTON, OHIO, A CORPORATION OF OHIO.

BRACKET.

No. 864,847.

Specification of Letters Patent.

Patented Sept. 3, 1907.

Application filed March 27, 1906. Serial No. 308,347.

To all whom it may concern:

Be it known that we, LAZARD KAHN and RINEHART CHRIST, citizens of the United States, residing at Hamilton, Ohio, have invented a new and useful Improvement in Brackets, of which the following is a specification.

Our invention relates to brackets adapted to support hot closets on cooking ranges or stoves or for other purposes, and the objects of our improvement are to provide interchangeable brackets adapted to support either end of the closet; to construct the brackets of a plural number of interlocking members; to provide that the plated surface may be more or less extensive as desired; and to provide such form of construction as will secure the greatest strength and efficiency with the least weight of material. These objects are attained in the following described manner as illustrated in the accompanying drawings, in which:—

Figure 1, is an end elevation and Fig. 2, a front elevation of a bracket embodying our improvement, as applied to a range and supporting a hot closet thereover; Fig. 3, an isometrical view of the reversible bracket for supporting the closet; Fig. 4, a longitudinal section of portions of the bracket; Figs. 5 and 6, plans of the respective interlocking portions of the bracket braces, and Fig. 7, a cross section of the bracket on the line *a—**a* of Fig. 2.

In the drawings, 1 represents a hot closet provided with a vertically swinging door 2 and supported at its respective ends on cooking range or stove 3 by means of brackets 4. Back wall 5 of sheet metal secured to the brackets maintain them in lateral vertical position.

Similar brackets 4 are interchangeably adapted to support the ends of the closet. They each consist of a single bar of iron of which the middle portion forms a vertical standard 17 and the end portions being turned at right angles thereto form the horizontal top and bottom bars 15 and 16 of an open frame which is provided with a curved brace formed of separable members 18 and 19 secured to the frame and subtending the angles thereof. Said member 18 of the brace is provided at one end with a heel 21 adapted to form a seat for the contiguous end portion of bar 16 which is secured thereto by means of rivet 22. The other end of said member terminates in a tongue 23 provided with a bolt hole 24. Member 19 of the brace is provided at one end with a heel 25 similar to heel 21 and which is adapted to form a seat for the contiguous end portion of bar 15 which is secured thereto by means of a rivet 26. The other end of member 19 is provided with a double heel 27 which forms a plane seat for the middle portion of standard 17

which is secured thereto by means of a rivet or bolt 28. A longitudinal groove 29 is formed in the face of the member 19 opposite heel 27 thereon and which is adapted to detachably engage with tongue 23. Said tongue may be removably secured within the groove by means of bolt 28 being inserted through hole 24 therein. When completed the brackets resemble one-half of a square and of a circle inscribed therein, and they may be secured to the closet and to the top of the range by means of bolts in the ordinary manner. Said brackets being similar to each other and also alike at both ends they may be used interchangeably or in reversed positions as desired, or the braces may be secured in the frames in reversed positions.

The vertical standard and horizontal bars of the bracket frame are preferably formed of a single bar of wrought iron. The curved braces are preferably formed of cast iron, and being formed of separate members instead of in a single casting a fewer number of castings are defective and less breakage occurs in handling them. The upper member of the brace being substantially concealed from view by the closet, the nickel finish may be omitted therefrom and entirely confined to the lower member of the brace which effects a material saving in cost of production. The heels on the brace members increase the rigidity and strength of the brackets and add to the appearance of the openings therein.

Having fully described our improvement what we claim as our invention and desire to secure by Letters Patent of the United States is:—

1. A bracket having in combination a vertical standard provided with horizontal bars projecting in the same direction from the respective extremities thereof, similar braces removably secured to and extending from the ends of the bars to the middle portion of the standard, the end portion of one of said braces overlapping the contiguous end portion of the other, and a bolt for removably securing the contiguous portions of the braces together and to the standard.

2. A bracket consisting of the assemblage of a frame consisting of a standard provided with bars projecting in the same perpendicular direction from its respective ends, similar braces provided respectively with a different finish and extending from the ends of the bars to the middle portion of the standard, the end of one brace overlapping the contiguous end of the other, and means for securing the braces to the standard and to the bars.

3. The combination of a standard provided with bars extending at right angles from its respective ends in the same direction, a curved brace secured to the middle portion of the standard and to the end portion of the bars, said brace consisting of two members having a tongue and groove connection.

4. The combination of a bracket frame consisting of a

standard provided with end bars extending in the same direction and at right angles therefrom, brace members adapted to subtend the respective angles and formed with a tongue and groove connection, and means for securing
5 said members to the frame.

5. The combination of a bracket frame consisting of a standard provided with end bars extending in the same direction and at right angles therefrom, curved brace members adapted to subtend the respective angles, said mem-

bers being respectively provided with a tongue and a 10 groove adapted to detachably engage with each other, and also provided with heels contiguous to the frame, and means for securing said members to the frame.

LAZARD KAHN.

RINEHART CHRIST.

Witnesses:

TITOS. C. RATCLIFF,
ROBERT S. CARR.