

No. 765,735.

PATENTED JULY 26, 1904.

H. F. KEIL.  
SHELF REST.

APPLICATION FILED OCT. 23, 1903.

NO MODEL.

Fig. 1.

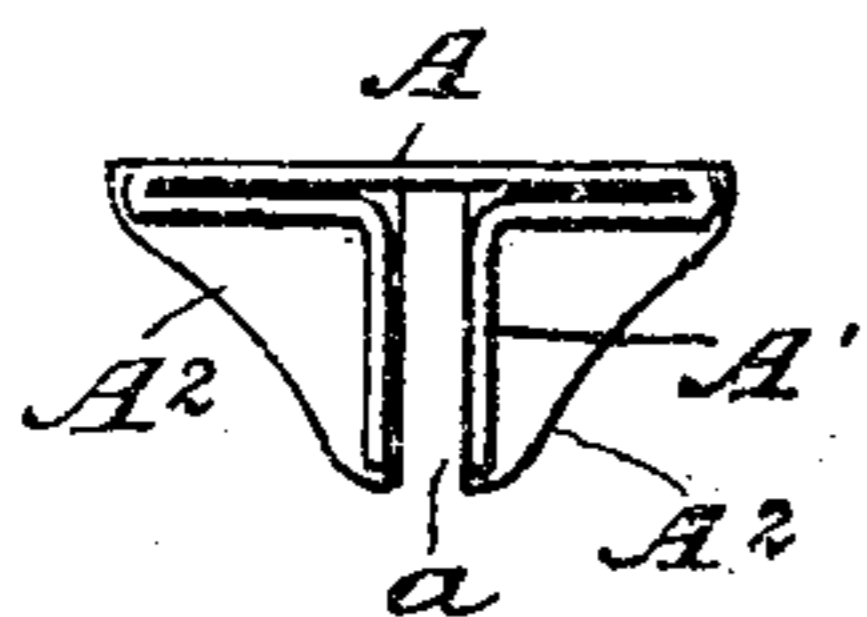


Fig. 2.

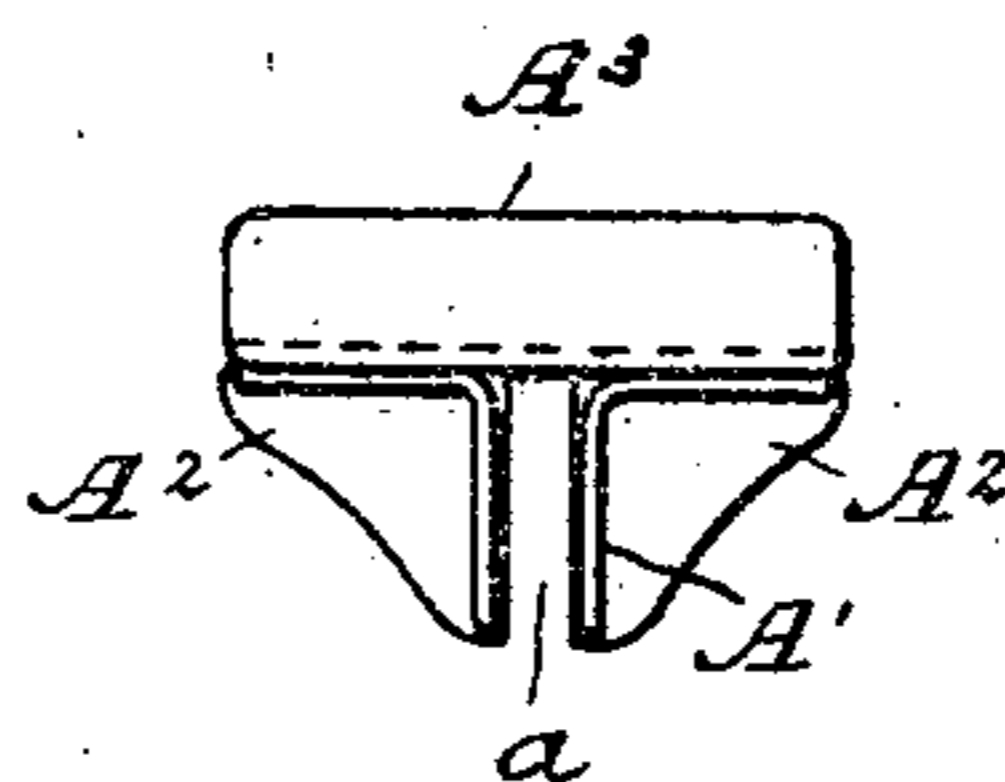


Fig. 1a

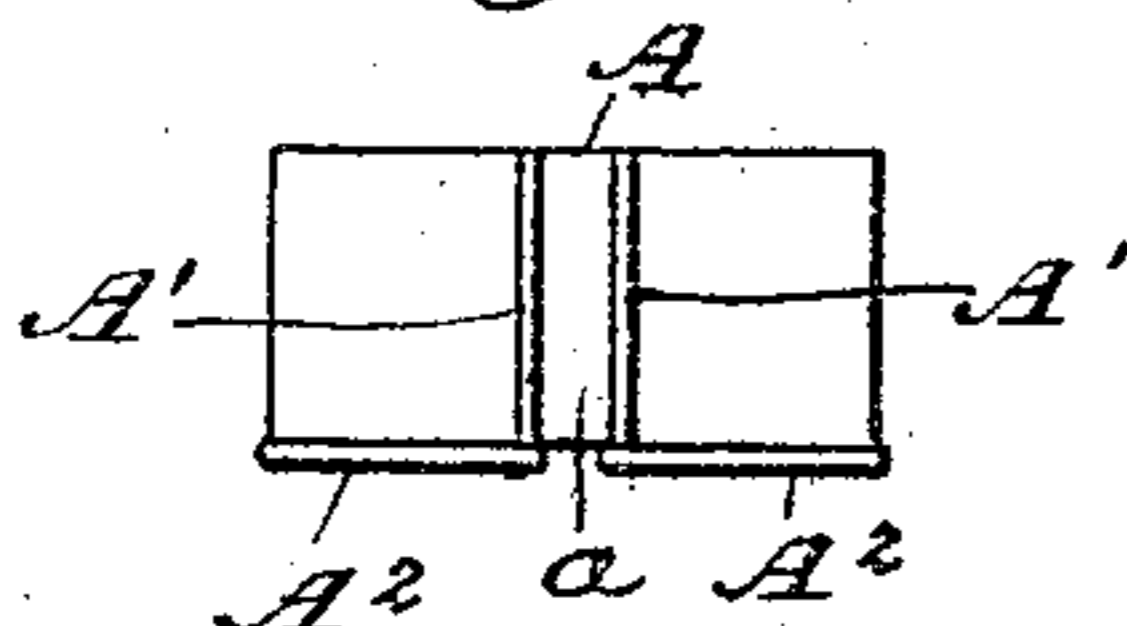


Fig. 2a

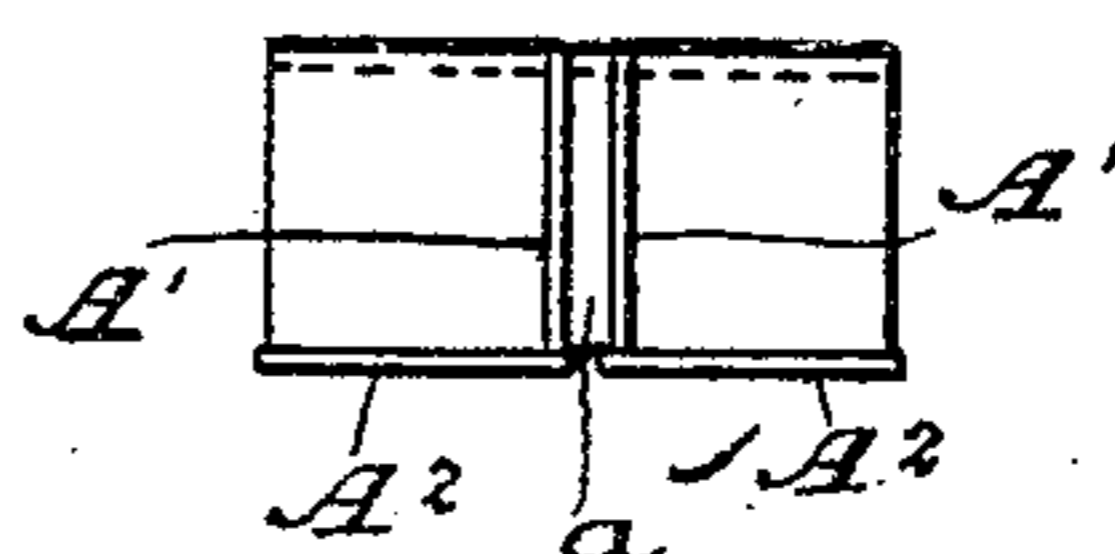


Fig. 3.

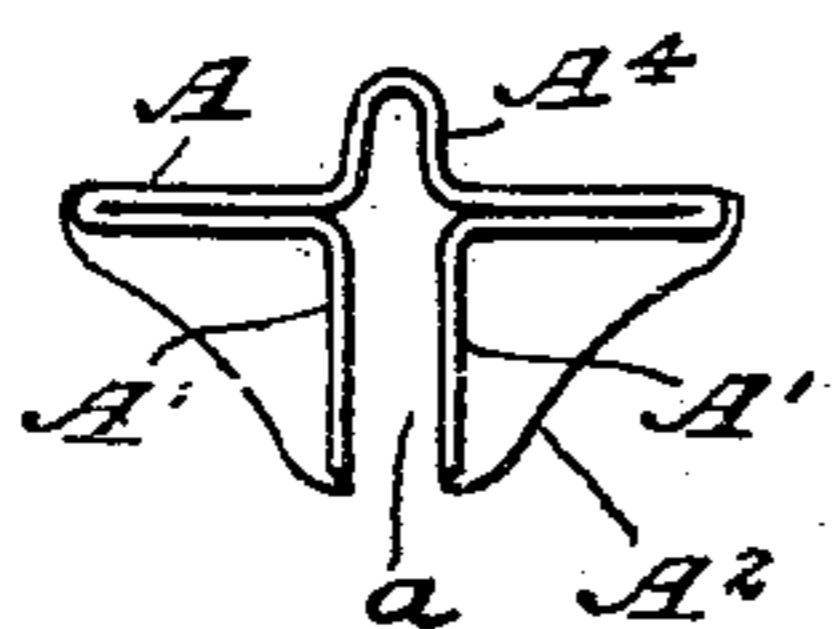


Fig. 4.

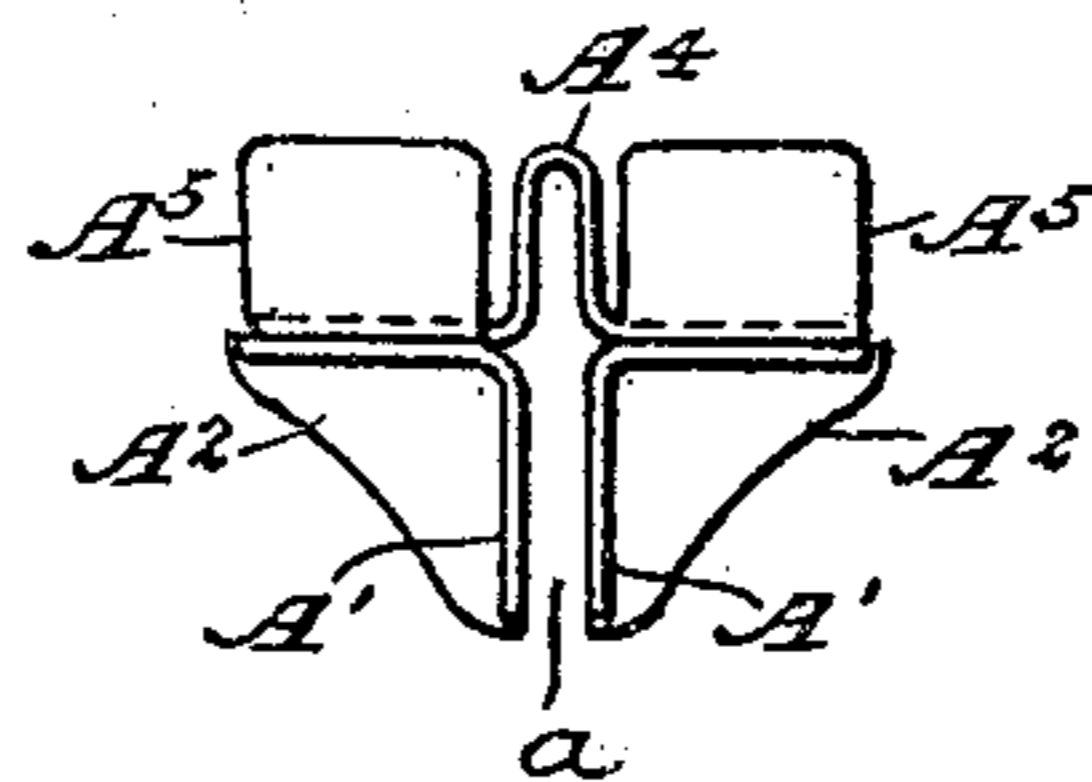


Fig. 3a

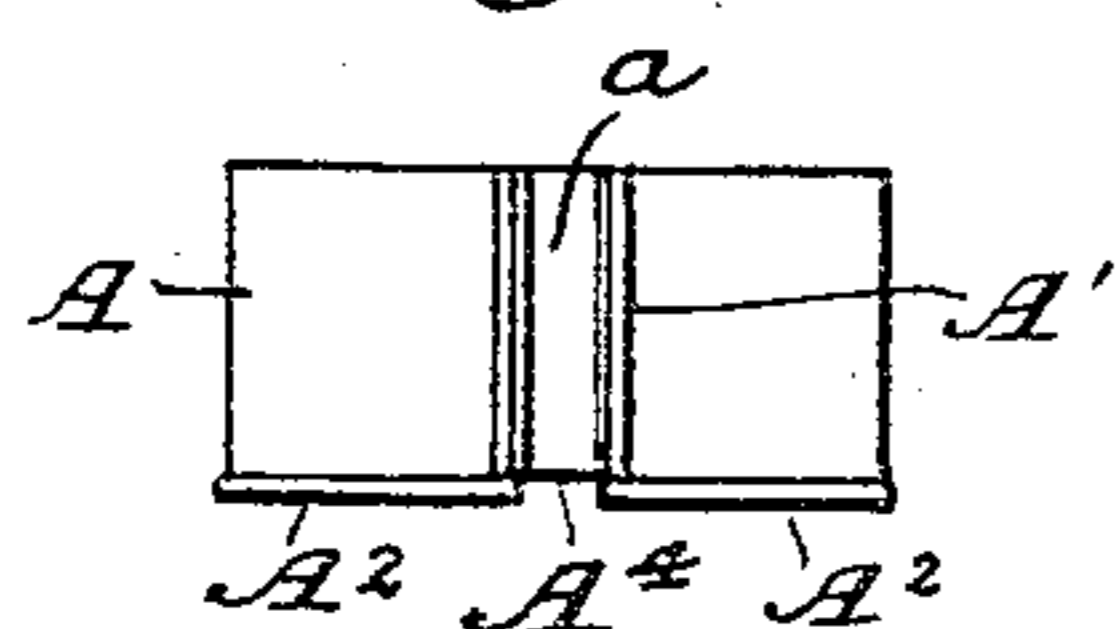


Fig. 4a

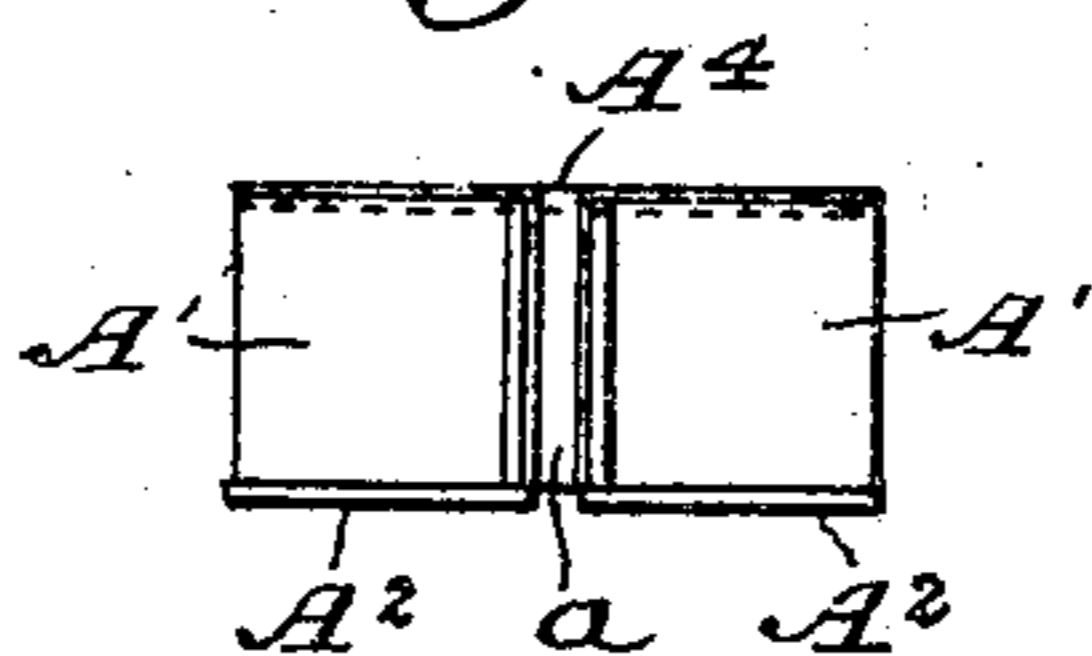
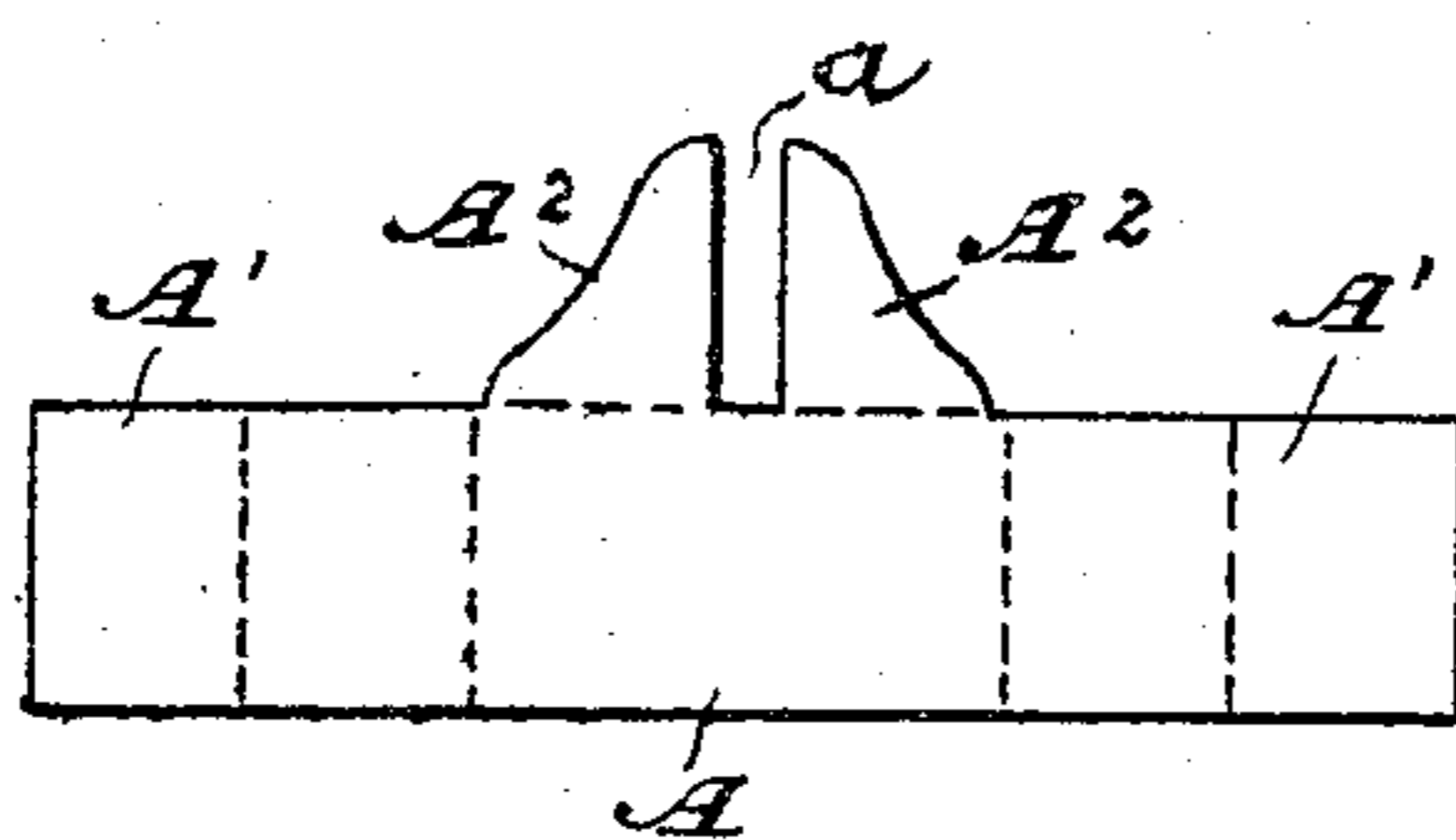


Fig. 1b



Witnesses:

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By

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# UNITED STATES PATENT OFFICE.

HENRY FRANCIS KEIL, OF BRONXVILLE, NEW YORK.

## SHELF-REST.

SPECIFICATION forming part of Letters Patent No. 765,735, dated July 26, 1904.

Application filed October 23, 1903. Serial No. 178,202. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY FRANCIS KEIL, a citizen of the United States of America, and a resident of Bronxville, in the county of Westchester and State of New York, have invented a certain new and useful Shelf-Rest, of which the following is a specification.

My invention relates to that class of articles on which anything leans or lies for support, and particularly to adjustable shelf-rests intended for use in connection with brackets of various descriptions, and it has for its object the provision of an appliance of the kind set forth simple in construction, inexpensive to manufacture, and efficient in practical use.

To attain the desired end, this my invention consists in the construction, arrangement, and operation of parts herein set forth.

In order to enable my invention to be fully understood, I will proceed to explain the same by reference to the drawings which accompany and form a part of this specification, in which—

Figures 1, 2, 3, and 4 represent elevations of shelf-rests constructed according to my invention. Figs. 1<sup>a</sup>, 2<sup>a</sup>, 3<sup>a</sup>, and 4<sup>a</sup> are views of the lower portions of the rests respectively shown in Figs. 1, 2, 3, and 4, and Fig. 1<sup>b</sup> is a view of the blank out of which is formed up the rest shown in Fig. 1.

Like letters of reference indicate like parts in all the views.

Referring particularly to the drawings, A in Fig. 1 denotes the top portion or body of my rest, made of one piece of wrought metal. The ends A' on each side of the horizontal top face A are bent inwardly under the said top face toward each other and then downward, thus forming a preferably vertically-disposed channel or opening *a*, the whole being of a T shape, having a bifurcated lower portion. The extensions or flanges *a*<sup>2</sup> of the side of the top portion or body of my rests are also bent in a downward direction, the edges of the same registering with the inner faces of the vertical depending parts A', and the said depending parts A' and the flanges A<sup>2</sup> all bear against the bracket, plate, arm, or shelf upon which my rest is mounted, the plane of the parts A' being preferably at right

angles to the plane of the flanges A<sup>2</sup>, whereby great strength and rigidity are given to the said rest.

The rest shown in Fig. 2 is constructed in a manner similar to the one represented in Fig. 1 and is like it in all respects excepting that the top face of the former is provided with an ordinarily vertical ledge or rib A<sup>3</sup>, preferably located at the edge of the said face opposite to the edge provided with the flange A<sup>2</sup>.

In the rest shown in Fig. 3 the top face is provided with an upwardly-projecting dividing lug or partition A<sup>4</sup>, preferably formed by bending the top face into an inverted U shape, and in Fig. 4 my rest is shown as being also provided with ordinarily vertical ledges or ribs A<sup>5</sup>, preferably located at the edge of the top face opposite to the edge provided with the flanges A<sup>2</sup>.

It is manifest that various omissions of some particulars could be made without materially affecting the essential features of my invention or the operation of the remaining parts, and I do not therefore wish to be limited to the specific structural details of the organization herein set forth. Obviously the elements of the structure described may be located at an angle to the plane in which they are shown. I accordingly use the words "horizontal," "vertical," and the like in a relative sense.

In operation the rests are struck up from one piece of wrought metal and are then applied to any desired bracket, arm, or thin shelf, the vertically-disposed parts being passed over the same and the lower face of the top portion or body A resting upon the upper edge of the said bracket, &c. In cases where it is desired to lay a shelf or plate of glass either entirely or partially across the rest I prefer to use the forms respectively shown in Figs. 1 and 2; but where parted shelves are required to be held in a separated relation the styles represented in Figs. 3 and 4 are ordinarily employed.

As it is evident that many changes in the construction, form, proportion, and relative arrangement of parts might be resorted to without departing from the spirit and scope of my invention, I would have it understood

that I do not restrict myself to the particular construction and arrangement of parts shown and described, but that such changes and equivalents may be substituted therefor, and  
5 that

What I claim as my invention is—

1. As a new article of manufacture a support for shelves, &c., made in one piece and formed with a top face or body portion, the  
10 ends of which are bent sidewise inwardly under the same and then downwardly to form depending parts and also having a rearwardly-extending slotted extension to form flanges when bent in a downward direction to meet  
15 the depending parts, the plane of the said depending portions being at right angles to the plane of the said flanges, and the said depending portions being constructed and arranged to register with the edges of the slot.

20 2. As a new article of manufacture a support for shelves, &c., made in one piece and formed with a top face or body portion, the ends of which are bent under the same to form depending parts and also having flanges at  
25 one side bent in a downward direction and a ledge or rim at the opposite side, the plane of the depending portions being at right angles to the plane of the said flanges.

3. As a new article of manufacture a sup-

port for shelves, &c., made in one piece and  
30 formed with a top face or body portion having an inverted-U-shaped lug or partition, the ends of which body portion are bent under the same to form depending parts, and also having  
35 flanges at one side bent in a downward direction, the plane of the depending portions being at right angles to the plane of the said flanges.

4. As a new article of manufacture a support for shelves, &c., made in one piece and  
40 formed with a top face or body portion, having an inverted-U-shaped lug or partition, the ends of which body portion are bent under the same to form depending parts and also having  
45 flanges at one side bent in a downward direction and a vertical ledge or rim at the opposite side, the plane of the depending portions being at right angles to the plane of the said flanges.

In testimony of the foregoing specification  
50 I do hereby sign the same, in the city of New York, county and State of New York, this 5th day of October, 1903.

HENRY FRANCIS KEIL.

Witnesses:

H. B. AMMANN,  
DICK STEGEN.