

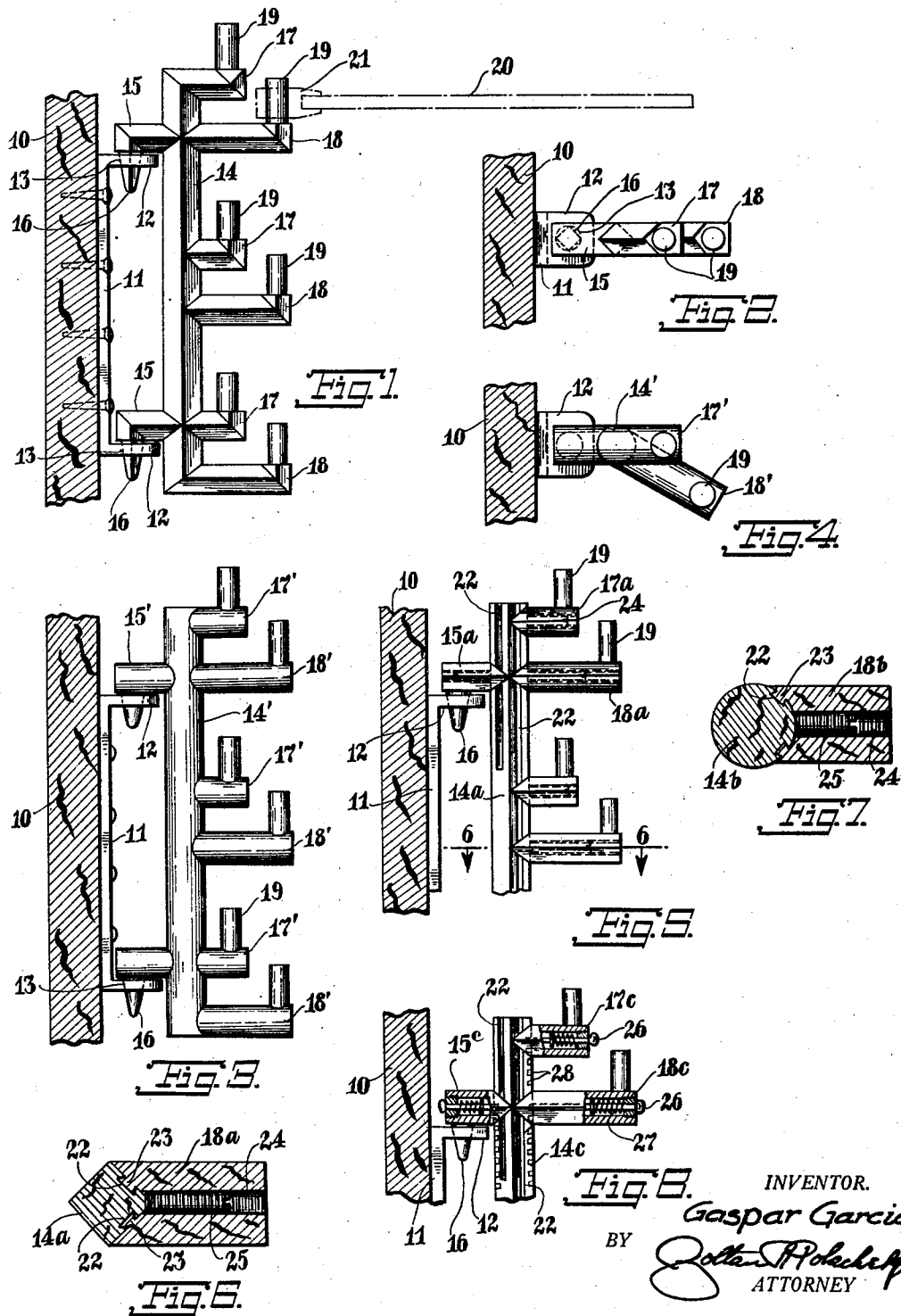
Dec. 2, 1930.

G. GARCIA

1,783,708

HINGED RACK

Filed April 4, 1928



INVENTOR.

Gaspar Garcia

BY

Edwin P. Poleschky
ATTORNEY

UNITED STATES PATENT OFFICE

GASPAR GARCIA, OF HABANA, CUBA

HINGED RACK

Application filed April 4, 1928. Serial No. 267,243.

This invention relates generally to racks and has more particular reference to a novel hinged rack.

The invention has for an object the provision of a device of the class mentioned which is of simple durable construction, desirable and efficient in action, and which can be manufactured and sold at a reasonable cost.

The device consists of a vertical bar having a pair of horizontal rear extensions provided with pegs for hinged supporting, and a plurality of pairs of horizontal front extensions provided with pegs to support shelves or the like. The first mentioned pegs are directed downwardly and the other pegs upwardly. The said vertical bar and the extensions are preferably of square or round cross section. The said horizontal extensions may be separate members slidably connected with the vertical bar, and provided with positioning means relative to the length of the vertical bar for adjusting the spaced relation of the pegs.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing, forming a material part of this disclosure:

Fig. 1 is an end elevational view of a device constructed according to the invention.

Fig. 2 is a plan view thereof.

Fig. 3 is a similar view of a similar device but of modified form.

Fig. 4 is a plan view thereof.

Fig. 5 is a fragmentary end elevational view of a similar device of further modified form.

Fig. 6 is a horizontal sectional view taken on the line 6—6 of Fig. 5.

Fig. 7 is a similar view, but of modified form.

Fig. 8 is a view similar to Fig. 5, but of further modified form.

The reference numeral 10 indicates generally a wall or a partition to which a bracket 11 is secured. The bracket 11 has horizontal portions 12 formed with apertures 13.

A vertical bar 14 of square cross section has a pair of integral rear extensions 15 also of square cross section provided with downwardly directed pegs 16 rotatively supported in the apertures 13. The bar 14 also has a plurality of pairs of front extensions 17, 18 of square cross section, provided with upwardly projecting pegs 19. The extensions 18 are longer than the extensions 17, as shown in the drawing.

The dot-dash lines 20 indicate a shelf provided with a socket 21 engaging one of the pegs 19. It should be understood that the other end of the shelf is similarly supported, that is, it requires two racks to support the shelf.

In Figs. 3 and 4, the vertical rod 14', and the horizontal extensions 15', 17' and 18' are of circular cross section. The extensions 17' and 18' are also shown at relative inclinations.

In Figs. 5 and 6, the vertical bar 14^a is formed with longitudinal grooves 22, and the extension members 15^a, 17^a and 18^a are separate elements slidably arranged on the bar 14^a. These elements are formed with tongues 23 engaging the grooves, and also with threaded apertures 24 engaged by set screws 25 abutting the vertical bar for holding the elements as set. The relative positions of the extensions may be changed for changing the spacing of shelves supported by the rack. The bar 14^b may also be provided with the longitudinal grooves 22 engaged by tongues 23 from the extensions, such as 18^b, as shown in Fig. 7.

In Fig. 8, the slidable extension members 15^c, 17^c and 18^c are provided with plungers 26 urged rearwards by springs 27, and engaging in apertures 28 arranged along the length of the bar 14^c. The plungers may be manually moved frontwards for disengaging the rear ends from the apertures 28 so that the extension members are free for vertical adjustments.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes

and modifications coming within the scope of the invention as defined in the appended claim.

Having thus described my invention what I claim as new and desire to secure by United States Letters Patent is:

A hinged rack, comprising in combination, a plate adapted to be fastened to a wall, a vertical bar, a rear extension member mounted on said bar, spring pressed means for adjusting the position of said member on said bar, said rear extension member being hingedly connected to said wall plate, whereby the vertical bar may be moved horizontally, a front extension member mounted on said vertical bar, and spring pressed means for adjusting the position of said front extension member on said bar.

In testimony whereof I have affixed my signature.

GASPAR GARCIA.

25

30

35

40

45

50

55

60

65