

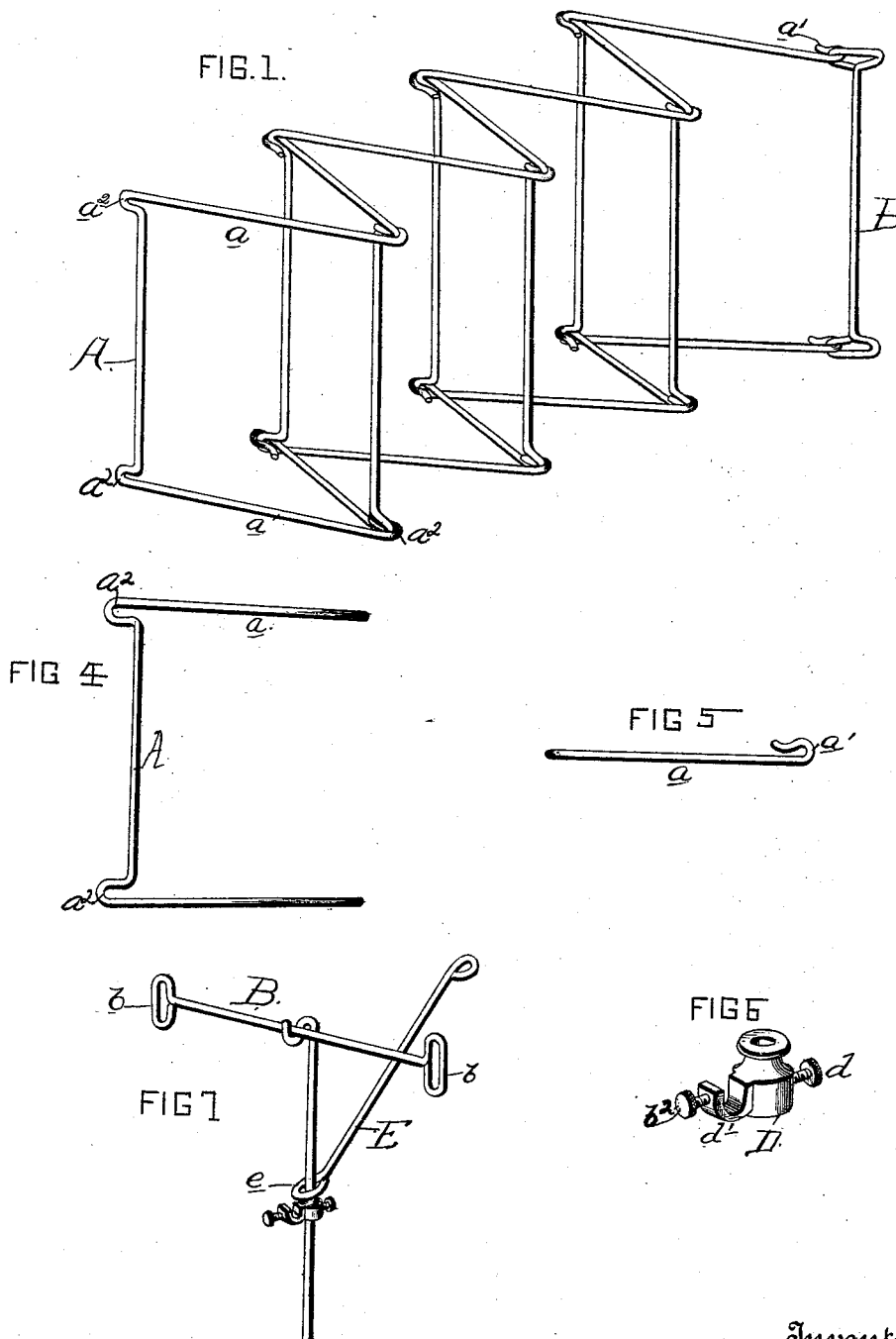
(No Model.)

2 Sheets—Sheet 1.

C. FRANKEL.
DISPLAY RACK.

No. 499,420.

Patented June 13, 1893.



Witnesses
John D. Smith
Thos. R. Raut Jr.

Inventor
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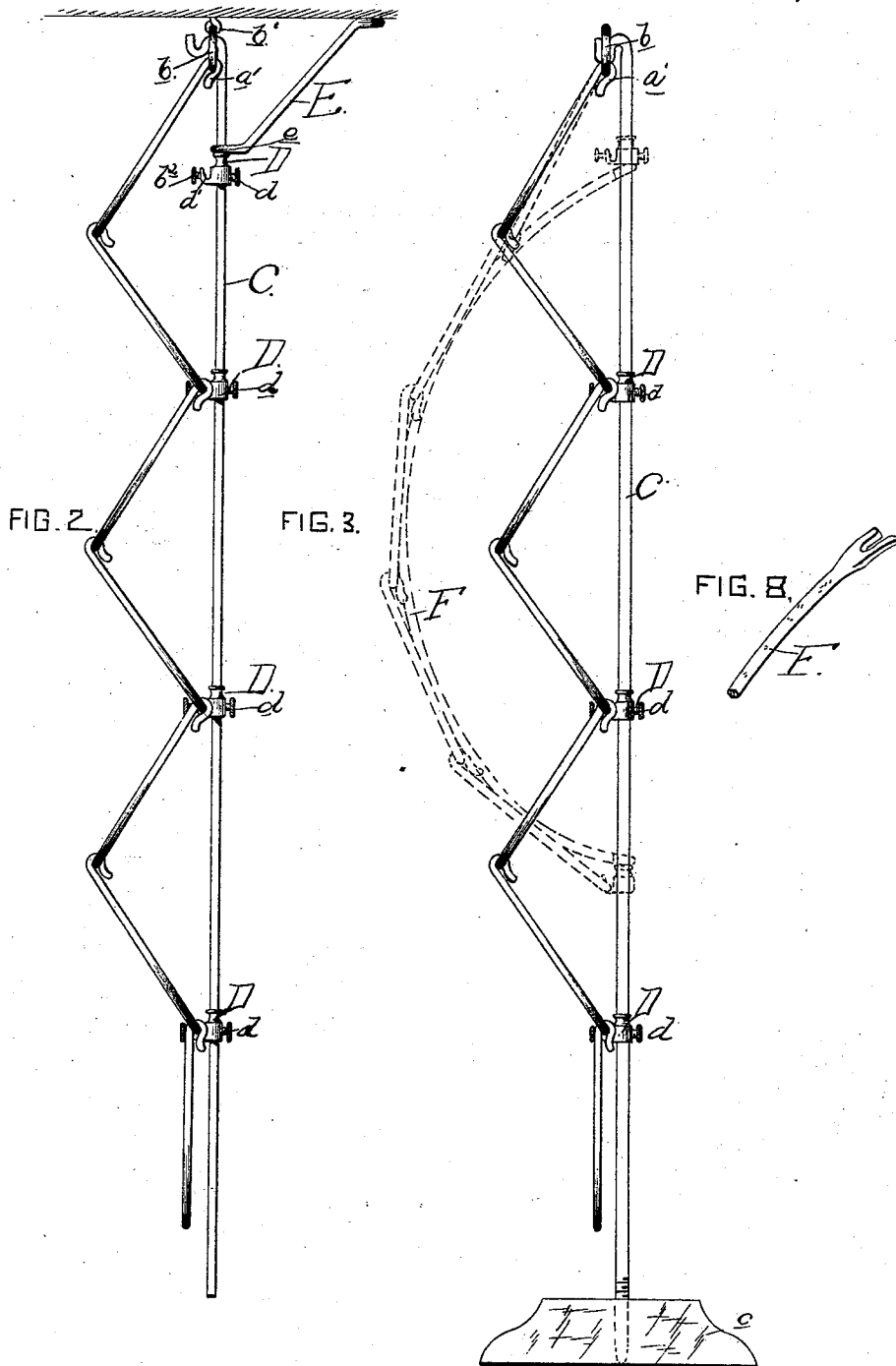
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Thos. J. Root, Jr.

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UNITED STATES PATENT OFFICE.

CHARLES FRANKEL, OF BALTIMORE, MARYLAND.

DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 499,420, dated June 13, 1893.

Application filed December 15, 1892. Serial No. 455,226. (No model.)

To all whom it may concern:

Be it known that I, CHARLES FRANKEL, a citizen of the United States, residing in the city of Baltimore and State of Maryland, have
5 invented certain new and useful Improvements in Display-Racks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in
10 which—

Figure 1, is a perspective view of the rack. Fig. 2, is a view representing the rack suspended from the ceiling, and the sections forming the rack arranged in step fashion. Fig.
15 3, is a view showing the rack supported by a suitable standard, and in dotted lines showing a modification. Fig. 4, is a front view of one of the sections of the rack. Fig. 5, is an end view of the same. Fig. 6, is a detail perspective of the adjusting collar. Fig. 7, is a
20 detail perspective of the upper cross bar, brace-rod and supporting-rod. Fig. 8, is a detail perspective of one end of the curved rod, hereinafter explained.

25 The invention relates to display racks, of the character usually employed for the display of gentlemen's and ladies' furnishings, as well as various other articles.

The object is to provide a display rack of
30 this character which may either be supported from the ceiling, or by a standard, or with a support rod running from floor to ceiling with movable clamps to give various shapes to fixture.

35 A further object is to provide a display rack which may be made to assume different angles with respect to the object of support, and also the sections one with respect to the other.

40 A further object is to provide a display rack simple of construction, durable in use and comparatively cheap of construction.

With these objects in view the invention consists of certain features of construction and combinations of parts which will be hereinafter fully set forth.
45

In the drawings referring to Fig. 1, A denotes the sections forming the display rack. Each section is approximately of U-shape having the arms *a* provided at their outer ends
50 with either spring hooks *a'* or closed hooks and

at their inner ends with shoulders *a*². In securing these sections together it is only necessary to slip the hook of one section in the shoulders of the adjacent section, and so on, until a desired number of sections have been
55 thus coupled. By this peculiar construction, I secure two important advantages, namely, first, the shoulders preventing collapse of the arms *a*, and secondly, the hooks making it exceedingly easy for the removal of the sections
60 or for the purpose of adding other sections when it is desired.

In Fig. 2, I have shown the rack suspended from the ceiling by the following means:—B denotes a cross bar having eyes *b* at its ends
65 which eyes are engaged with hooks *b'* in the ceiling and with the hooks *a'* of the sections. When it is desired to adjust the sections of the rack so that one section will project out over the other, I suspend from the cross bar a
70 supporting rod C, which is provided with a series of sliding collars D. Each of these collars is provided with a set screw *d* for the purpose of holding it in the desired adjustment
75 upon the supporting rod C, and with a hook *d'* for the purpose of engaging the cross bar of each section of the rack. To prevent any displacement of the said cross bar in a hook, I provide said hook with a set screw *b*² by
80 means of which the cross bar is securely clamped. If it is desired to swing bodily the rack thus suspended from the ceiling forward or rearward, I provide a brace E which is secured at its upper end to the ceiling by a nail
85 or screw and has its lower end bent and formed with an elongated eye *e*. The supporting rod may now be swung either forward or back, which movement is permitted by the elongation of the eye *e* until the rack has been moved
90 bodily to the desired inclination when a loose collar is then slipped up on the supporting rod until it contacts with the eye, and the set screw is then turned to clamp the collar in this position. Not only does this brace rod E
95 serve to hold the rack bodily at an angle, but it also serves to hold it perpendicularly as shown in Fig. 2.

Referring to Fig. 3 it will be seen that instead of supporting the rack bodily from the ceiling, I have provided the supporting rod C
100

with a base *c* and have hooked the cross bar *B* directly to the upper end of the said supporting rod. This construction I find very convenient when the goods are displayed on the counter and in the window.

In Fig. 3 I have also shown a slight modification. This modification consists in providing a curved rod *F* having its ends provided with notches to engage the supporting rod and against which two collars may be clamped to hold it in position. When this construction is employed the rack is caused to assume a curved position as shown by the dotted lines in Fig. 3.

From the foregoing description taken in connection with the accompanying drawings the operation and advantages of my invention will be readily seen.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a display rack, the combination with a series of approximately U-shaped sections each provided with hooks and shoulders the hooks of one section engaging the shoulders of the adjacent section, and means for sus-

pending said section in a vertical order, of a supporting rod and means for clamping said sections to the supporting rod in stepped position, substantially as described.

2. In a display rack, the combination of approximately U-shaped sections loosely connected together and suitably suspended of a supporting rod, sleeves adjustable upon said rods and provided with hooks which support said sections, and set screws carried by said hooks to retain said sections in position, substantially as described.

3. In a display rack, the combination with a series of connected approximately U-shaped sections suitably supported, of means for holding the said sections bodily at an angle to a vertical line, substantially as herein described.

4. The combination with a series of loosely-jointed sections means for supporting said sections, a rod *C* connected to said sections and means for holding the rod in a vertical or inclined position.

CHARLES FRANKEL.

Witnesses:

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