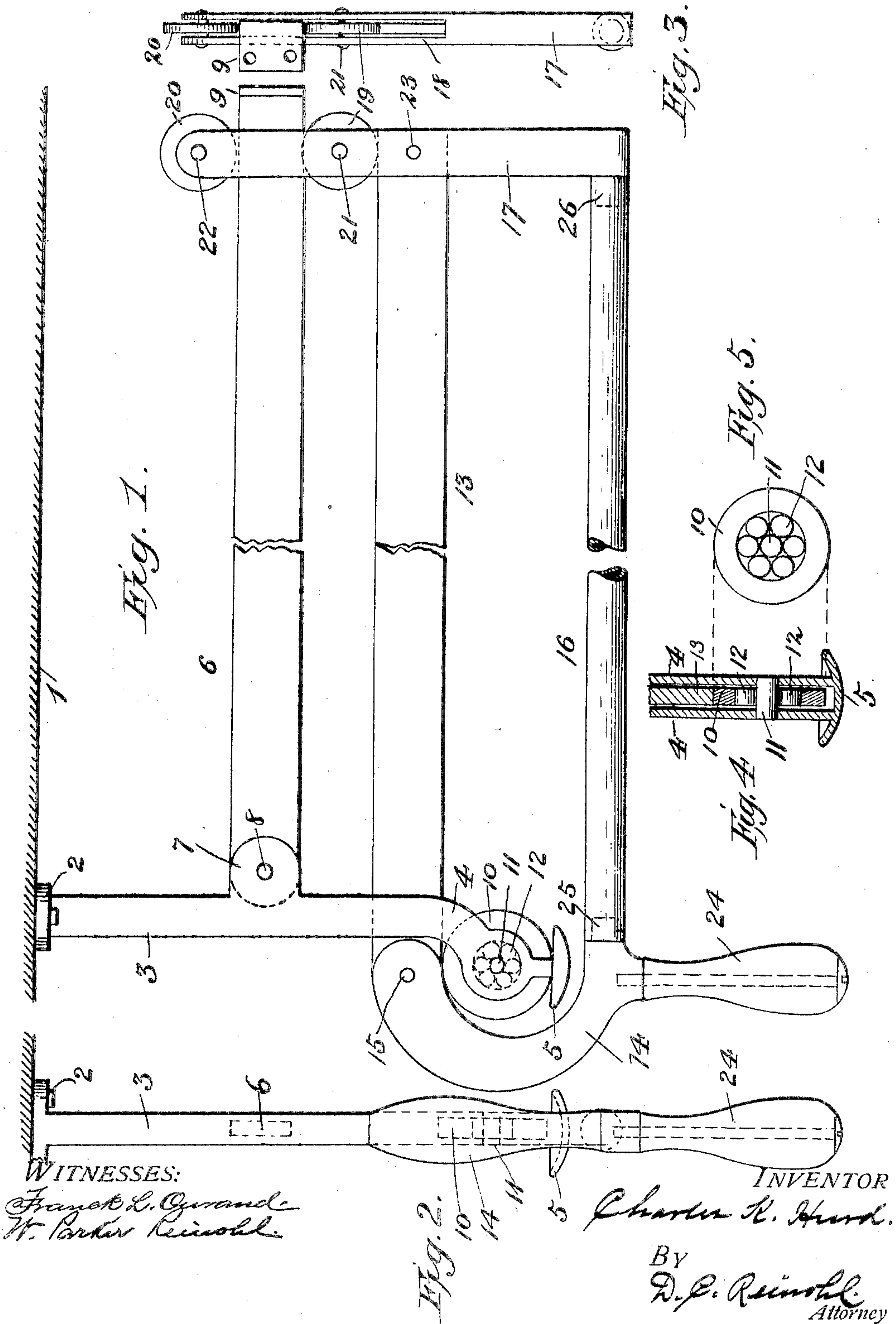


C. K. HURD.
EXTENSIBLE DISPLAY RACK.
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UNITED STATES PATENT OFFICE.

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EXTENSIBLE DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 794,019, dated July 4, 1905.

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To all whom it may concern:

Be it known that I, CHARLES K. HURD, a citizen of the United States, residing at Iowa City, in the county of Johnson and State of Iowa, have invented certain new and useful Improvements in Extensible Display-Racks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to display-racks on which clothing, skirts, waists, rugs, curtains, carpets, portières, and other suitable articles may be suspended for display.

The invention comprises a fixed or stationary part and an extensible part; and it consists in certain improvements in construction, which will be fully disclosed in the following specification and claims.

In the accompanying drawings, which form part of this specification, Figure 1 is a side elevation of my improved display-rack with a part of the device broken away; Fig. 2, a front elevation of the same; Fig. 3, an elevation of the rear end of the same; Fig. 4, an enlarged sectional detail of the lower end of the supporting-bar, and Fig. 5 a side elevation of the front friction-roller detached and on an enlarged scale.

Reference being had to the drawings and the designating characters thereon, the numeral 1 indicates the top of a wall case or cabinet, to which the fixed or stationary part of my display-rack is secured at 2. The fixed part of my display-rack comprises a vertical supporting-bar 3, having a bifurcated lower end 4, depending from which is an oil-cup 5, a horizontal track-rail 6, secured to lugs 7 on the vertical supporting-bar 3 by a rivet 8, and the rear end of said track-rail 6 is bent at a right angle, forming a bracket 9, and is secured to the back of the wall-case 1 by any suitable means. In the bifurcated lower end 4 of the vertical supporting-bar 3 is a friction-roller 10, mounted on a shaft 11, having cylindrical antifriction-bearings 12.

The extensible part of my display-rack comprises a horizontal rail 13, which is secured to a coupling 14 by a rivet 15, a tubular hanging-bar 16, and a vertical bar 17, hav-

ing a slot 18, in which are mounted friction-rollers 19 20 on shafts 21 and 22, and into said slot 18 projects the rear end of bar 13, secured by a rivet 23, and through said slot 18 also extends the horizontal track-rail 6, as shown in Fig. 1. To the coupling 14 is attached a handle 24, and said coupling is provided with a tenon 25, and the vertical bar 17 is provided with a like tenon 26, which respectively enter the front and rear ends of the tubular hanging-bar 16, and which bar is secured by soldering, brazing, or in any preferred manner.

When the display-rack is not in use, it is normally inclosed in a wall case or cabinet. When it is desired to display the goods contained in the cabinet, the salesman seizes the handle 24 and draws out the extensible portion of the rack, which causes the friction-rollers 10, 19, and 20 to revolve as they come in contact with the horizontal rails 6 and 13.

The vertical supporting-bar 3, with its bifurcated lower end 4, forms a guide for the horizontal track-rail 13, and the slot 18 in the vertical bar 17, engaging the bar 6, forms a guide for the rear end of the extensible portion of the display-rack. The vertical supporting-bar 3 limits the forward movement of the extensible part of the rack, and the bracket 9 of the horizontal track-rail 6 limits the rearward movement of the extensible part of the rack.

It is obvious that the display-rack may be made of flat rolled-steel bars or of tubular steel, as is most advantageous.

Having thus fully described my invention, what I claim is—

1. A display-rack comprising a fixed part having a vertical bar provided with a bifurcated lower end supporting a roller, and a horizontal bar secured to said vertical bar, and an extensible part having parallel bars, a coupling connecting the front ends of said bars, and a vertical bar having a slot and provided with rollers engaging the bar of the fixed portion.

2. A display-rack comprising a fixed part having a vertical supporting-bar bifurcated at its lower end and provided with a roller, and a horizontal bar secured to the vertical

bar, and having a bracket at its rear end, and
an extensible part having parallel bars, a
coupling at the front end to which said bars
are connected, and a slotted vertical bar at the
5 rear end engaging the horizontal bar of the
fixed part, and connecting said parallel bars
at their rear ends.

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

CHAS. K. HURD.

Witnesses:

P. C. COAST,

HARRY ROWLAND.