

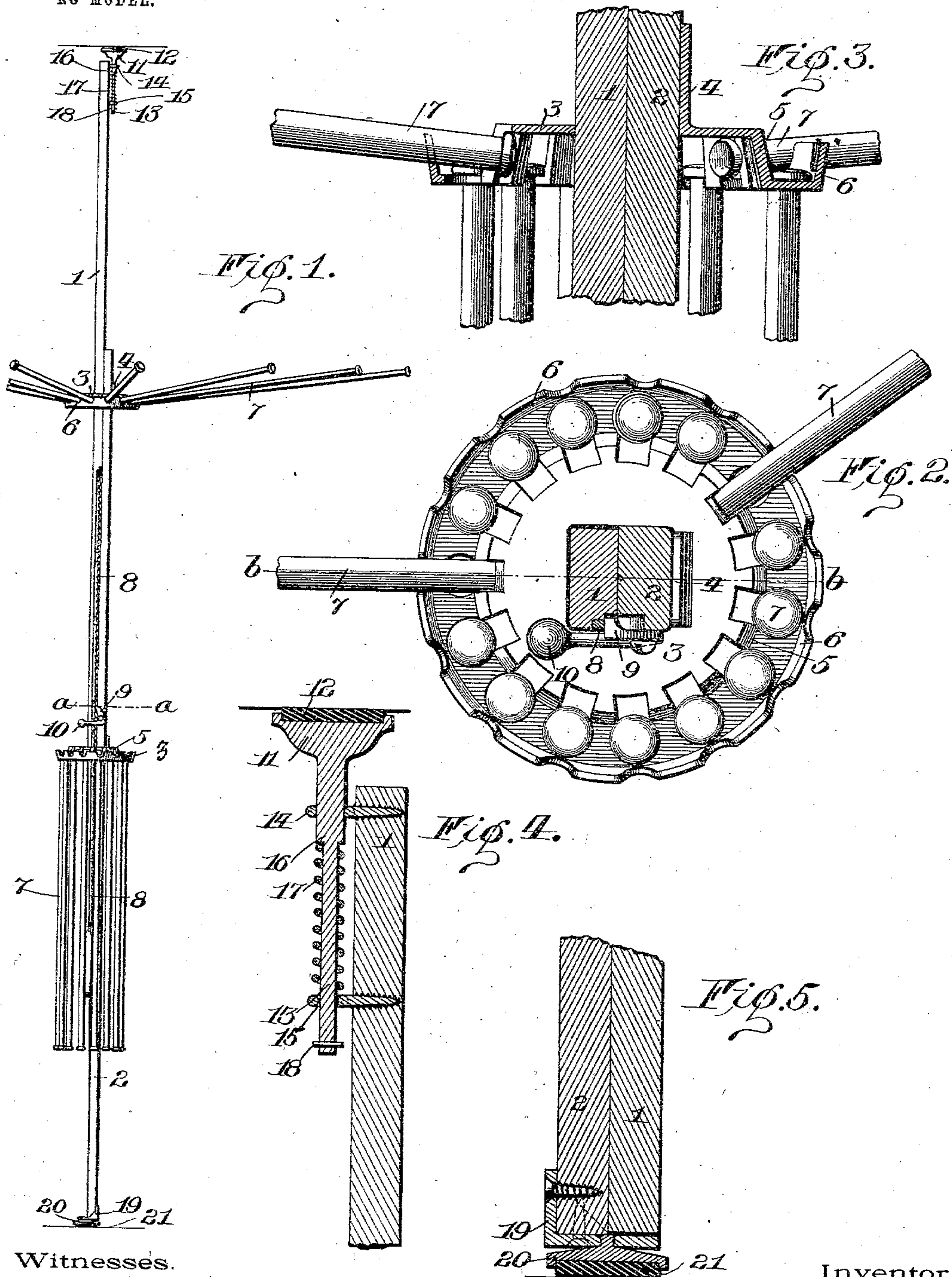
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PATENTED NOV. 10, 1903.

G. F. SCHRADER.  
CLOTHES DRIER.

APPLICATION FILED FEB. 17, 1902.

NO MODEL.



Witnesses.

Walter B. Payne.  
Willard Rich.

Inventor.

George B. Schrader  
by Frederick B. Church

his Attorney.



# UNITED STATES PATENT OFFICE.

GEORGE F. SCHRADER, OF ROCHESTER, NEW YORK, ASSIGNOR OF ONE-HALF TO ROCHESTER WRINGER COMPANY, OF ROCHESTER, NEW YORK, A CORPORATION OF NEW YORK.

## CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 743,758, dated November 10, 1903.

Application filed February 17, 1902. Serial No. 94,405. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE F. SCHRADER, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Clothes or Towel Racks; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the numerals marked thereon.

My present invention relates to an improved rack or stand for supporting and holding articles, particularly for holding coats, hats, clothes, or holding towels, napkins, or other articles while being dried; and it consists in certain improvements in construction and combination of parts whereby the rack may be held or supported in a room without reference to the location of the surrounding walls, being thus adapted particularly for use in coat-rooms, laundries, kitchens, and similar places where a supporting-rack located upon the wall or requiring a broad base cannot readily be employed, all as will be hereinafter fully described, and the novel features pointed out in the claims at the end of this specification.

In the accompanying drawings, Figure 1 is a side elevation of a rack or support constructed in accordance with my invention; Fig. 2, a horizontal sectional view taken on the line *a a* of Fig. 1; Fig. 3, a vertical sectional view on the line *b b* of Fig. 2; Fig. 4, a detail sectional view of the upper end of the standard or support, and Fig. 5 a similar view of the lower end.

Similar reference-numerals in the several figures indicate similar parts.

The main standard or support of the rack consists of two bars or rods 1 and 2, held to slide longitudinally upon each other by suitable bands or brackets extending around them and preventing their lateral displacement. In the present instance these bands or brackets consist of frames 3, having the central aperture for the passage of the standard-sections, the lug or ear 4 for securing them to one of the sections, the perforated flange 5, and the upwardly-extending outer flange 6, said flanges being adapted for the reception of the supporting arms or bars 7,

having the heads upon their ends, as shown in Figs. 2 and 3. The supporting rods or bars are capable of being folded down parallel to the standard, as shown at the lower end of Fig. 1, or of being drawn upward and supported as shown at the upper portion of Fig. 1 and also in Fig. 3, as usual in the ordinary form of towel-rack, the particular construction of the supporting-arms and their connection with the brackets or bands 3 not being essential to my invention. Located upon the section 1 of the standard is a rack 8, and upon the other section, 2, is a pawl 9, preferably having the weighted end 10 to maintain engagement with the rack, permitting the relative movement of the standard-sections in one direction, but preventing their movement in the other, the construction being such that the standard may be extended vertically to cause the upper and lower ends to firmly engage the ceiling and floor of the room or equivalent separated parts and retain them in engagement therewith. In order, however, to cause the yielding engagement between the ends of the standard and the cooperating parts and also to permit, if desired, a slight rotary adjustment, I arrange upon the upper end of the standard-section 1 a shoe 11, preferably provided with an outer pad 12, of rubber or leather, and also with the downwardly-extending shank 13, operating through suitable guide-eyes 14 and 15, said shoe being provided with a shoulder 16, between which and the lower guide 15 is arranged a spiral spring 17, serving to permit the shoe to yield when pressed into engagement with the ceiling, the extreme outward movement being limited by a pin 18, as shown in Fig. 4. The lower end of the section 2 is provided with a bracket or plate 19, at the center of which is pivoted a shoe 20, thus permitting a slight rotary movement and also a slight oscillatory movement relative to the bracket, the lower surface of this shoe also being provided with a pad 21, of rubber or leather.

From the above construction it will be seen that when the standard is extended it is engaged with the ceiling and floor of the room and maintained in engagement by means of the pawl and rack, and then the supporting-arms 7 may be moved radially to support ar-



articles and, if desired, the support can be rotated upon the shoes at the ends.

I claim as my invention—

1. The combination with two standard-sections adapted to slide upon each other, a bracket encircling them secured to one of the sections and forming a guide for the other and supporting-arms on the bracket, of a rack on one of the sections and an automatically-operating pawl on the other section cooperating with the rack.

2. The combination with two standard-sections adapted to be adjusted longitudinally of each other, and a rack-and-pawl connection between them, of a shoe swiveled at the end of one section, guides on the other section and a shoe having a shank mounted in guides and revolvably and longitudinally movable therein, a spring arranged between said shoe and the section and laterally-extending supporting-arms on the standard.

3. The combination with a standard-section

having guides at one end, a shoe having a shank operating in the guides and a spring operating to move the shank in the guides, of a second standard-section movable longitudinally of the other one, means for holding the section in extended position and supporting-arms on the standard.

4. The combination with two standard-sections adapted to slide upon each other, a bracket encircling them secured to one of the sections and forming a guide for the other and supporting-arms on the bracket, of a rack-and-pawl connection between the sections, a pivoted shoe on one of the sections and a guide on the other, a shoe having a shank supported in the guide and a spring operating to move the former in the latter.

GEORGE F. SCHRADER.

Witnesses:

RICHARD H. MCINTYRE,  
MARY I. SWEATT.