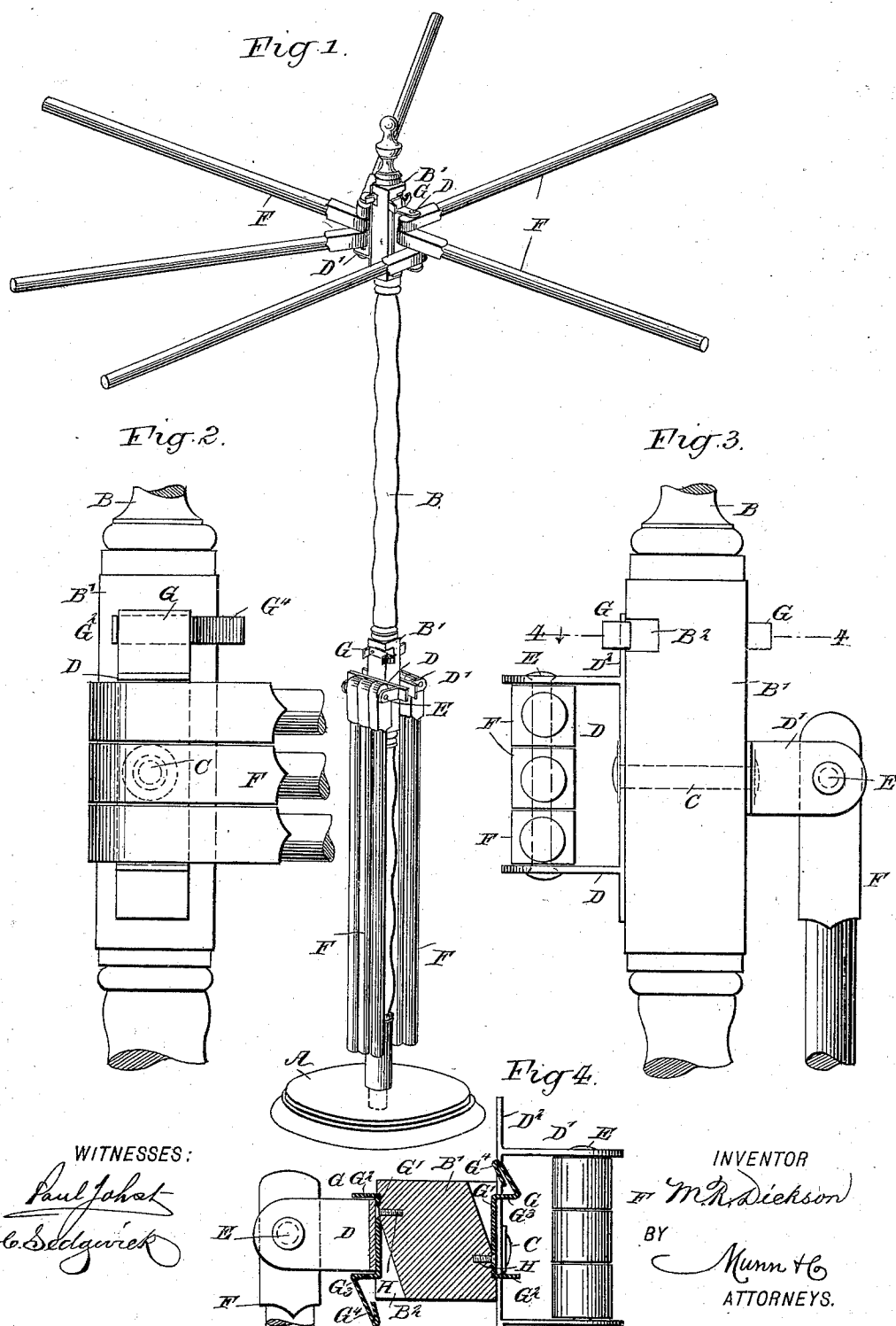


(No Model.)

M. R. DICKSON.
DISPLAY RACK.

No. 504,913.

Patented Sept. 12, 1893.



UNITED STATES PATENT OFFICE.

MATHEW R. DICKSON, OF NEW YORK, N. Y.

DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 504,913, dated September 12, 1893.

Application filed May 10, 1893. Serial No. 473,689. (No model.)

To all whom it may concern:

Be it known that I, MATHEW R. DICKSON, of the city, county, and State of New York, have invented a new and Improved Display-Rack, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved display rack, which is simple and durable in construction, and particularly designed for use in stores to conveniently display goods, such as neckties, hats, cloaks, and other articles, the rack being arranged for convenient extension of the supporting arms or for folding the same when not in use.

The invention consists of a keeper mounted to turn and provided with a number of supporting arms, and a fixed spring catch adapted to engage the said keeper, to lock the latter in place for extending the arms in a horizontal position.

The invention also consists of certain parts and details, and combinations of the same, as will be hereinafter described and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement. Fig. 2 is an enlarged front elevation of part of the improvement. Fig. 3 is a side elevation of the same; and Fig. 4 is a sectional plan view of the same on the line 4-4 of Fig. 3.

The improved display rack is provided with a base A, on which is erected a post B, provided with one or more square parts B', each formed with a transversely-extending pivot C, on which are mounted to turn on opposite faces of the square parts B', keepers D and D', as plainly shown in the drawings. Each of the keepers D and D' supports a pivot E, on which are mounted to swing the supporting arms F, located alongside each other and adapted to be extended horizontally, as illustrated in the upper part of Fig. 1, to support the articles to be displayed. Each keeper D is preferably made of metal and is provided at its back plate with an extension D², adapted to engage a spring catch G, fastened on the corresponding face of the square part B',

the said catch serving to hold the keeper D or D' in a vertical position for extending the supporting arms F horizontally, as illustrated in Fig. 1. The said spring catch also permits of disengaging the corresponding keeper, so as to allow the operator to turn the keeper into a horizontal position to permit the arms F to swing downward in a vertical position close to the post B, as illustrated in the lower part of Fig. 1.

The spring catch G is preferably formed as illustrated in detail in Fig. 4, and is provided with a back plate G', fastened near one end by a screw H to the square part B' of the post B. Flanges G² and G³, extend at right angles from the back plate and are placed a distance apart corresponding approximately to the width of the extension D², so that the latter fits snugly therein and when engaged between the said flanges is firmly held in position to hold the keeper in a vertical position, as illustrated in the upper part of Fig. 1. From the flange G³ which is farthest from the screw H extends the inclined spring arm G⁴, over which passes the extension D² when the operator desires to engage the keeper with the spring catch. This end of the spring catch is adapted to move rearwardly into a notch B², cut in the square part B' to permit the spring catch to give sufficiently at the time the keeper D is turned to be engaged with the spring catch or disengaged therefrom. It is understood that the spring catch G extends horizontally and is preferably located above the corresponding keeper D or D', so as to be engaged by the extension D² of the keeper, for supporting the latter in a vertical position to permit swinging the arms F horizontally. When the keeper D or D' is in this position and the operator desires to fold the rack, he then presses with his finger on the spring arm G⁴ until the outer end of the flange G³ clears the corresponding edge of the extension D², to permit of turning the keeper into a horizontal position. The supporting arms F then readily swing in a vertical position close to the post B and are thus folded.

It will be seen that this device is very simple and durable in construction, and can be readily extended or folded so as to take up very little space.

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

1. The combination with the pivoted bracket
5 and the supporting arms pivoted therein of a transverse plate having a spring catch at one end and a projection at its opposite end to stop the bracket after it passes the catch, and retain it in a vertical position, substantially
10 as set forth.

2. The combination with a post provided

with a transverse pivot and a spring catch on its face at right angles to the pivot of a bracket, pivoted centrally on said pivot and carrying the supporting arms; the spring catch 15 being in the path of one end of the bracket to lock it in its vertical position, substantially as set forth.

MATHEW R. DICKSON.

Witnesses:

THEO. G. HOSTER,
EDGAR TATE.