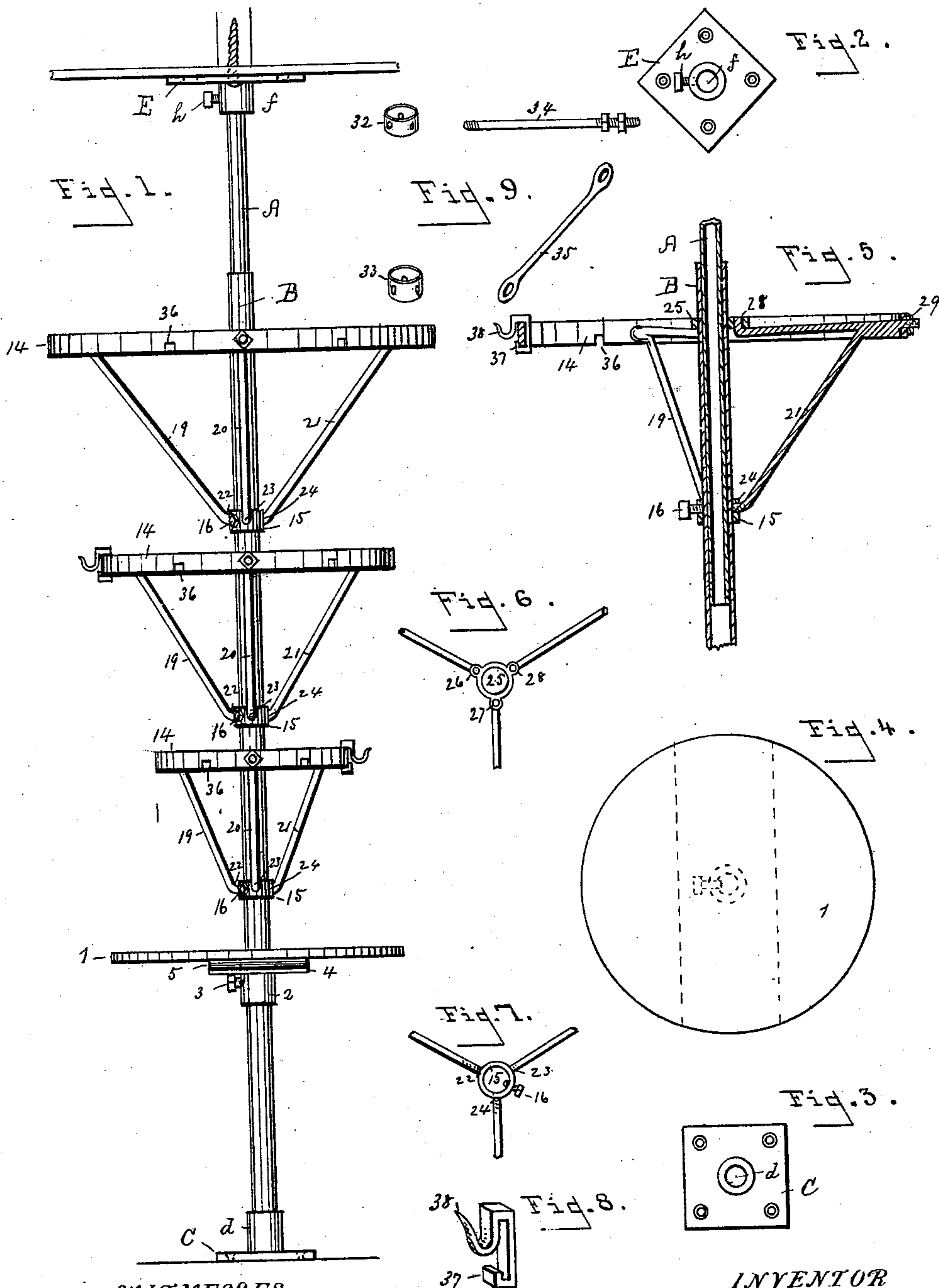


(No Model.)

P. GANZHORN.
DISPLAY STAND.

No. 542,362.

Patented July 9, 1895.



WITNESSES

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PHILIP GANZHORN, OF STREATOR, ILLINOIS, ASSIGNOR OF TWO-THIRDS
TO LUDWIG OTTO LORENZ AND ROBERT RENZ, OF SAME PLACE.

DISPLAY-STAND.

SPECIFICATION forming part of Letters Patent No. 542,362, dated July 9, 1895.

Application filed April 4, 1894. Serial No. 506,342. (No model.)

To all whom it may concern:

Be it known that I, PHILIP GANZHORN, a citizen of the United States, and a resident of Streator, county of La Salle, State of Illinois, have invented new and useful Improvements in Display-Stands, of which the following is a full and exact description, reference being had to the accompanying drawings, making part of this specification.

This invention relates to that class of display-racks which are provided with vertical central standards or supports, and my improvements consist in constructing the standard in telescopic sections, with means for holding the upper and lower ends thereof, and in providing the said standard with adjustable racks and detachable hooks, as herein-after fully described.

On the drawings, Figure 1 is a side elevation of the apparatus. Fig. 2 is a view of the under side of the ceiling or upper supporting-plate. Fig. 3 is a plan of the floor or foot-supporting plate. Fig. 4 is a top view of a table or shelf. Fig. 5 represents a partial section of the standard with an annular rack and bracket-support. Fig. 6 is a top view of the upper bracket-band with ends of brackets connected therewith. Fig. 7 represents the lower bracket-band and brackets. Fig. 8 is a perspective view of one of a series of hooks designed to connect with the annular racks. Fig. 9 is a modification of the brackets and bracket-bands.

In the drawings the standard is represented as being composed of two sections or pipes A B, the former arranged within the latter, so as to be extended or contracted to suit the height of the room or place within which the apparatus is to be erected.

The letter C designates a floor or foundation plate having a socket *d*, in which the lower end of the pipe B is journaled, so that the lower section of the standard may be revolved when desired.

The standard is held in vertical position by means of an upper plate E having a socket *f*, within which the upper end of the pipe A is securely held, either by a set screw, as shown at *h*, or by any other suitable means.

Instead of securing the upper pipe within

the socket of the ceiling-plate, as described, the two pipes may be secured together after being properly adjusted, so that the upper and lower ends of the standard may operate in the ceiling and foundation plates, respectively.

The lower part of the standard is provided with a table or shelf 1, which is supported by means of a sleeve 2, having a set-screw 3 for securing same at any desired height. The upper part of the sleeve 2 is provided with a flange 4, on which the table or shelf 1 is either directly secured or a cleat may be interposed, as shown at 5.

Hanging racks, such as are shown at 14 in Figs. 1 and 5, are adapted to be supported on the standard by means of sleeves 15, which are provided with holding set-screws 16. (See Figs. 5 and 7.) The said sleeves 15 have the lower ends of brackets 19 20 21 connected therewith, as at 22 23 24 while the upper-inner portion of said brackets are connected with an auxiliary sleeve 25 as shown at 26, 27, and 28 in Figs. 5 and 6.

The racks 14 consist each of a metallic ring or band having perforations therein for the reception of the outer ends of the brackets 19 20 21, to which they are secured by means of screw-nuts, as shown at 29 in Fig. 5.

Instead of supporting the hanging-racks 14 by the means above described, the sleeves may be made in duplicate, as at 32 and 33 in Fig. 9, and same connected with the racks by threaded rods 34 and braces 35.

The lower edge of each rack 14 is provided with one or more notches 36 for the passage of the upwardly-turned end 37 of a hanging hook 38, which, when slipped clear of said notch, securely holds itself on the rack.

From the construction of my improved apparatus it will be seen that same can be easily and quickly removed when desired to paint or paper the walls in rear thereof, or to change locality of same.

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

The combination of a telescopic standard and plates for holding the upper and lower ends thereof, as described, with adjustable

racks, each rack consisting of an upper and lower sleeve, an annular-band having notched lower-edges, hooks adapted to engage the notched band, a series of brackets connecting
5 the notched-band and sleeves, as shown, and a set screw for securing each rack, substantially as and for the purpose set forth.

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

PHILIP GANZHORN.

Witnesses:

U. S. PAINTER,
GEO. HOADLY.