

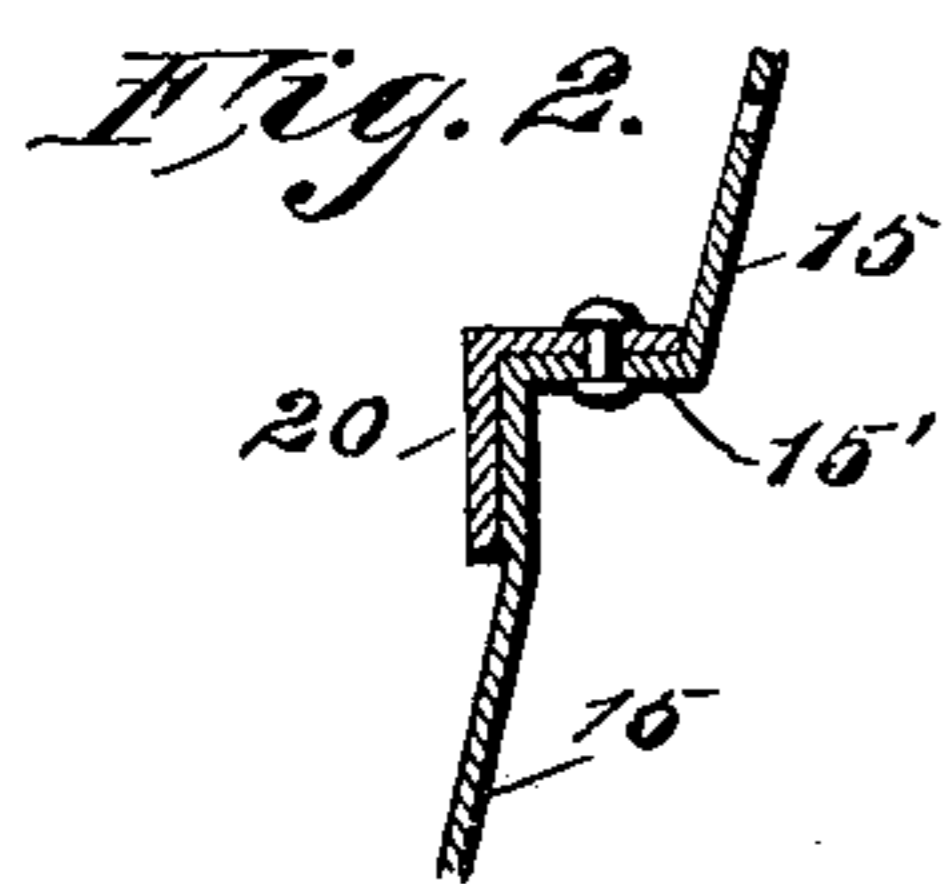
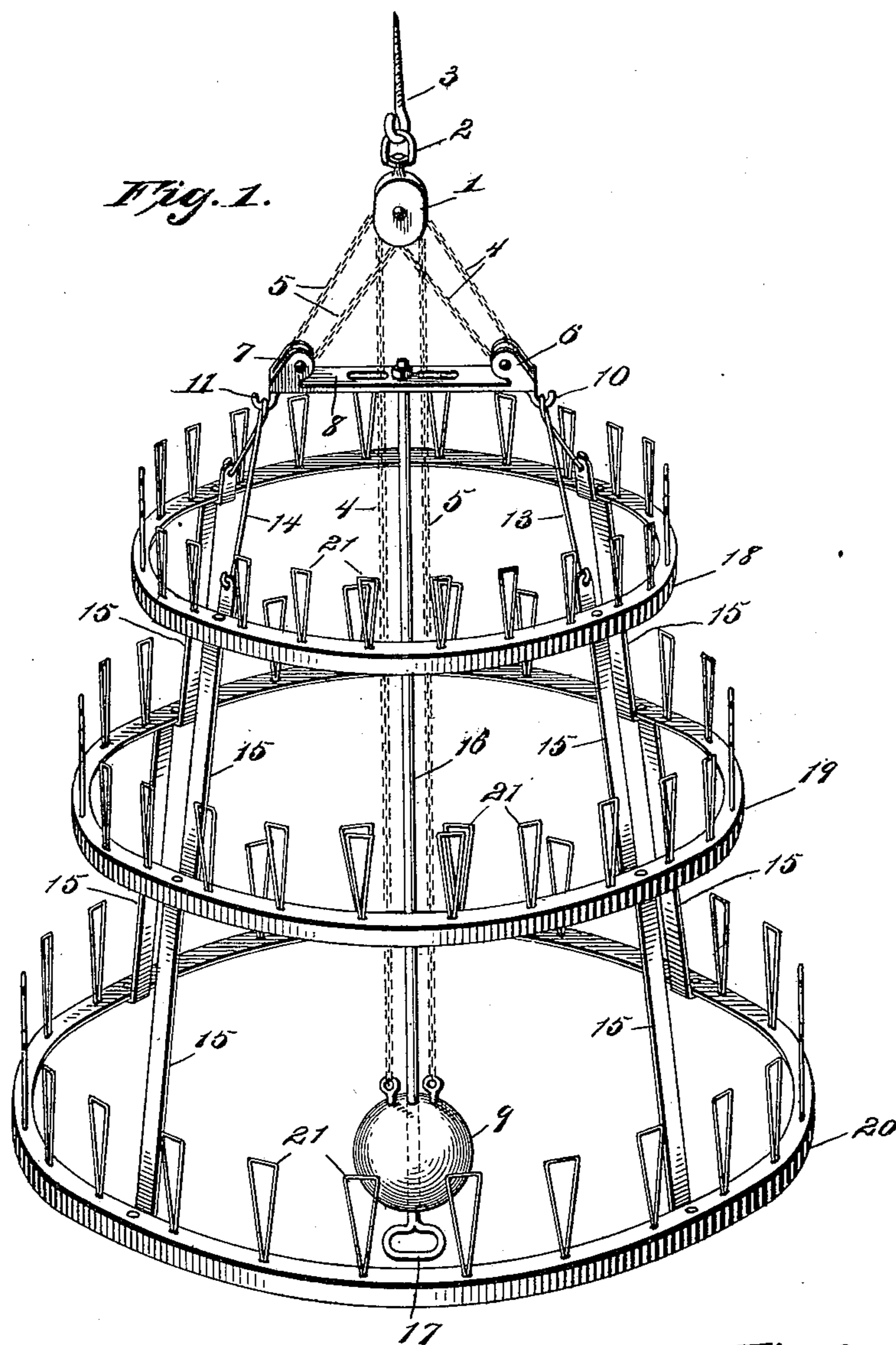
No. 644,728.

Patented Mar. 6, 1900.

G. W. BIESTER.
SAFETY GLOBE HANGER.

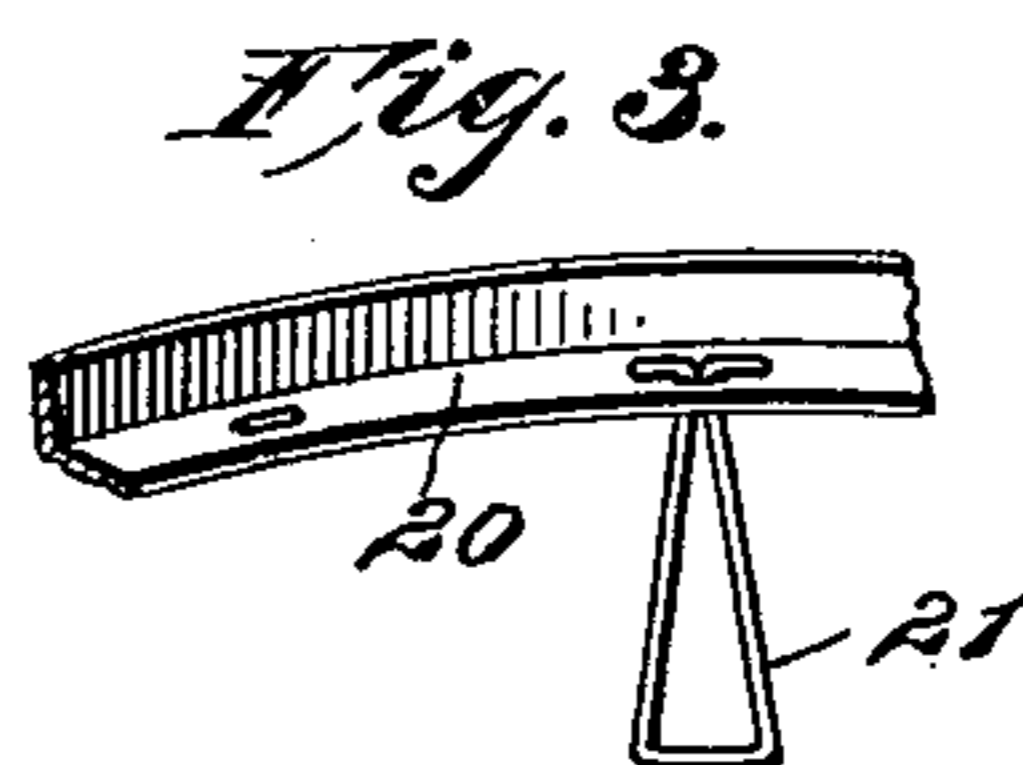
(Application filed July 14, 1899.)

(No Model.)



WITNESSES

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GEORGE W. BIESTER, OF HARRISBURG, PENNSYLVANIA.

SAFETY GLOBE-HANGER.

SPECIFICATION forming part of Letters Patent No. 644,728, dated March 6, 1900.

Application filed July 14, 1899. Serial No. 723,852. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BIESTER, a citizen of the United States, residing at Harrisburg, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in Safety Globe-Hangers, of which the following is a specification.

My invention relates to display-racks adapted especially for the display of lamp-chimneys; and the primary object of the invention is to provide an inexpensive device of this character which will securely support the lamp-chimneys and which may be conveniently raised and lowered, as hereinafter fully described.

The construction and novel features of the invention will be described in connection with the accompanying drawings, in which—
Figure 1 is a view in perspective of a rack embodying my invention. Fig. 2 is an enlarged detail view showing in section a portion of the upper rack and one of the rods or braces by which the racks are supported one below the other. Fig. 3 is a detail perspective inverted view showing a portion of one of the racks and illustrating the manner in which the chimney-supporting loops are secured to the racks. Fig. 4 is a perspective view of a portion of one of the racks, showing a chimney supported thereon.

The reference-numeral 1 designates a pulley-block designed to be suspended from the ceiling by the engagement of its swivel-eye 2 with the suspending-hook 3. The pulley-block 1 is adapted for two chains 4 and 5, which form the means for lowering the rack. These chains pass, respectively, under pulleys 6 and 7 in the ends of a block 8 and, returning to the block 1, pass over their respective pulleys therein and support the weight 9, which serves as counterbalance for the rack and keeps it normally raised.

At each end of the block 8 are hooks 10 and 11, respectively, which engage bails 13 and 14 for supporting the racks, hereinafter referred to. Each bail connects with the upper ends of two of the four tie or connecting rods 15, which are disposed equidistantly about the racks.

Centrally of the block 8 there depends a rod 16, which extends within easy reach of

the floor and is provided with a loop or handhold 17. This rod also passes through the weight 9 and forms a guide for the same, while the loop or handhold provides a stop for limiting the downward movement of the weight.

The racks 18, 19, and 20 are preferably circular in form and of varying sizes, so that the chimneys supported thereon may not be in the same vertical planes. The ring portion of the racks is preferably of metal, so formed as to present a horizontal flange and an outward vertical flange, forming a construction light and durable. The horizontal flange of the racks forms a base for the support of the chimney, and upon this flange at equidistant points thereto are firmly attached upwardly-projecting loops 21, which are adapted to support the lamp-chimneys, as shown in Fig. 4. The loops are preferably made in triangular form and of varying sizes, so as to accommodate chimneys of different sizes. Other forms of loops may be used, if desired. The racks are riveted to the rods 15, and for this purpose and for the purpose of forming a seat for the racks the said rods are provided with angular bends 15' to correspond with the angle made by the flanges of the racks.

When it is desired to remove one or more of the chimneys, the rack is drawn down by means of the rod 16 to bring the chimneys within reach. To return the rack to its elevated position, it is only necessary to release the hold on this rod, when the weight 9 falls, thus drawing the rings and the block 8 upward.

It will be understood that cords or ropes may be substituted for the chains shown, and, further, that while the invention is specially adapted for the display and support of glass chimneys or globes it may be of course used for other lines of goods.

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

1. In a display-rack, the combination with a suspending-block provided with pulleys, a plurality of rings provided with loops for supporting articles of merchandise; a supporting bar or block for said rings, provided with pulleys and end hooks; chains or cords con-

- 5 nected with said suspending-block passing around the pulleys of the supporting bar or block and over the pulleys of the suspending-block, a weight secured to said chains or cords; a rod depending from the supporting bar or block for lowering the rack, rods connecting said rings; and bails for supporting said rods from the hooks of the supporting-bar.
- 10 2. In a display-rack, the combination with a suspending-block provided with pulleys; a supporting bar or block having pulleys thereon; a plurality of rings provided with loops for supporting articles of merchandise, the same being hung from the said supporting
- 15 bar or block; a rod depending from said bar or block; a weight movable thereon; and chains or cords connected to the suspending-block, passing around the pulleys of the supporting bar or block and those of the suspending-block, and connected to the weight.
- 20 3. In a display-rack the combination with a suspending-block, of a bar provided with pulleys and end hooks and having a chain connection with the suspending-block, a vertical rod secured to said bar and provided with a movable weight; a plurality of rings provided with supports for goods; a plurality of equidistant rods for securing said rings together bent to form seats for said rings, and bails for suspending the ring-securing rods from the hooks of the bar.
- 25 30
- In testimony whereof I affix my signature in presence of two witnesses.
- GEORGE W. BIESTER.
- Witnesses:
B. M. OGELSBY,
J. W. MILHOUSE.