

(No Model.)

M. J. NUGENT.  
LAMP CHIMNEY HOLDER.

No. 560,104.

Patented May 12, 1896.

Fig. 1.

Fig. 2.

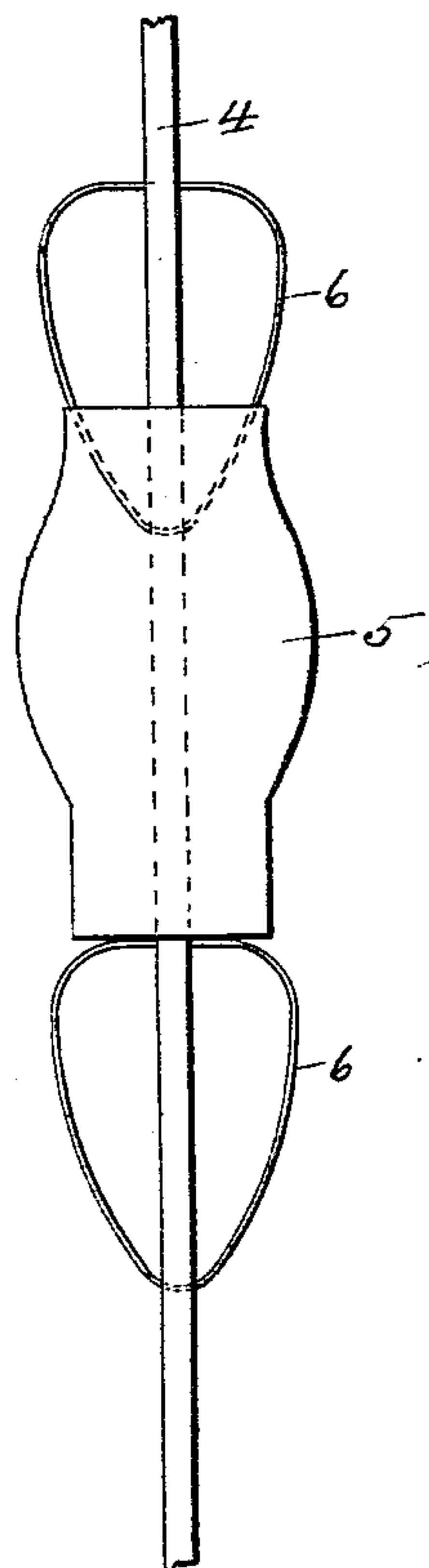


Fig. 3.

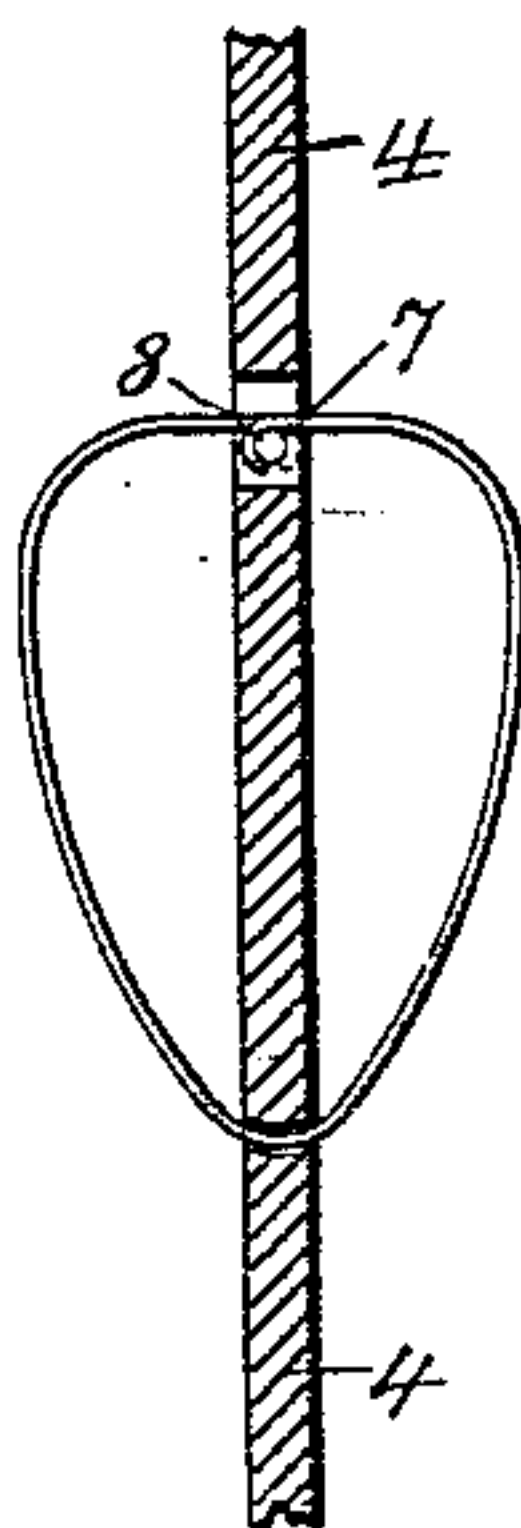
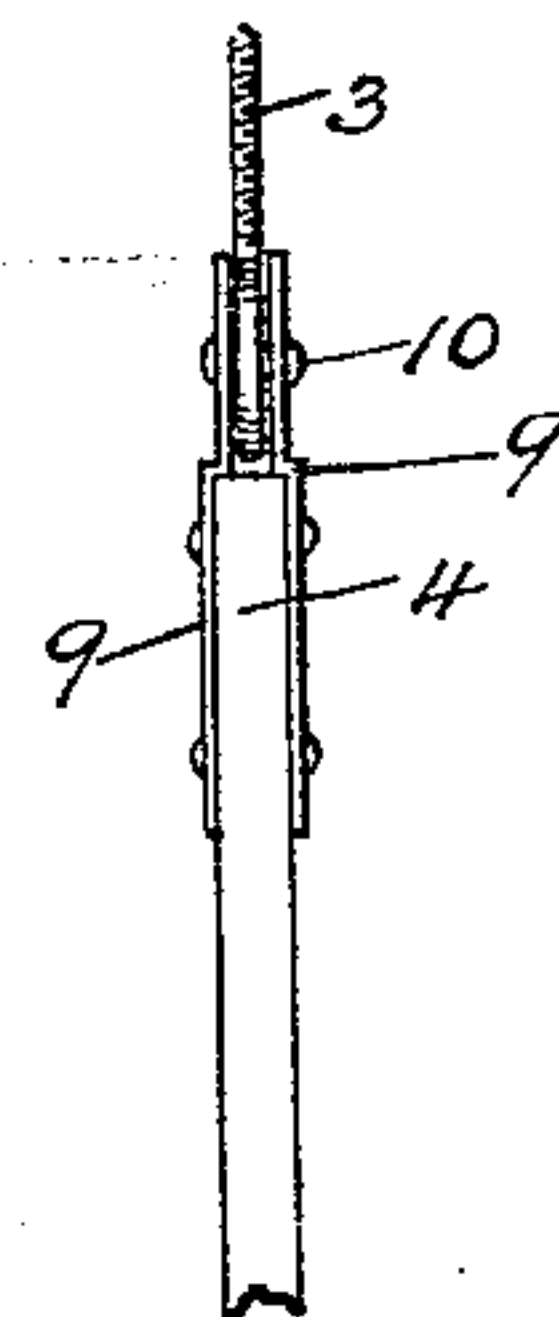


Fig. 4.



Witnesses:

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# UNITED STATES PATENT OFFICE.

MICHAEL J. NUGENT, OF ST. CLOUD, MINNESOTA.

## LAMP-CHIMNEY HOLDER.

SPECIFICATION forming part of Letters Patent No. 560,104, dated May 12, 1896.

Application filed February 1, 1895. Serial No. 536,988. (No model.)

*To all whom it may concern:*

Be it known that I, MICHAEL J. NUGENT, a citizen of the United States, residing at St. Cloud, in the county of Stearns and State of Minnesota, have invented a new and useful Lamp-Chimney Holder, of which the following is a specification.

My invention relates to improvements in rods or racks for holding lamp-chimneys, and has for its object to provide a simple means for suspending the same in any convenient position, preferably where they can be readily reached by a person standing on the floor and quickly detached for sale.

A further object of my invention is to so construct the rods or racks that they may be permitted a swinging movement and at the same time will not be liable to strike against one another when hung in close proximity.

These objects I accomplish in the manner and by the means hereinafter described, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a series of rods or racks attached to the ceiling or other support and each carrying a number of lamp-chimneys. Fig. 2 is an enlarged detail view of a portion of one of said racks, showing the means for detachably supporting the chimneys. Fig. 3 is a vertical sectional view of a portion of one of said rods or racks, and Fig. 4 is an enlarged detail view of the means for attaching the rack to the ceiling or other point of support.

In the said drawings, the numeral 1 denotes any suitable plate, of wood, metal, or other suitable material, screwed or otherwise attached to the ceiling or other point of support. This plate is preferably provided with a series of screw-threaded sockets 2 to receive the screws 3 on the upper ends of the rods or racks, as shown. It will be understood that this plate may be dispensed with and the rods or racks attached directly to the ceiling or other point of support.

The numerals 4 denote the rods or racks for supporting the chimneys 5, and they are suspended from the plate 1 or directly from the ceiling by the screws 3, attached to their upper ends in a manner hereinafter described. These said rods or racks are formed of wood

or other suitable material, and have mounted therein a series of spring-arms or chimney-supports 6, as shown in Figs. 2 and 3. These spring-arms are formed preferably of resilient wire and are fixed in the rods or racks at their lower ends, and extend upwardly and outwardly from the latter at an angle or in the form of an ellipse, as shown. Near their upper ends they bend abruptly back toward the rods or racks, passing into slots therein, and bent at their extreme upper ends into hooks 7 to engage retaining-pins 8 in the said slots to prevent their withdrawal therefrom. The resiliency of the spring-arms will normally keep them in their outermost position, the hooks 7 pressing against the pins 8. The chimneys 5 are mounted thereon by forcing them up one by one from the lower ends of the rods or racks, the springs yielding to the upward pressure thereof. When a chimney is in place with its lower edge resting on the top of its proper spring-arms, the latter will effectually support the same until compressed by hand to effect its withdrawal. It will be understood that each pair of these spring-arms may be formed of a single piece of wire, as shown in Fig. 3. Each pair of spring-arms will also act to prevent the upper end of the chimney next below from wobbling.

Fastened to the upper end of each of the rods or racks are the metallic straps 9, brought together at their upper ends to receive the eye in the end of the screw 3, and having a pin 10 passing therethrough and through the said eye, thus forming a hinge connection whereby the rods or racks are permitted a swinging movement in one plane, but prevented from movement in any other direction. This construction will prevent any danger of the rods or racks striking against one another when hung close together in nests or series.

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

1. A support for chimneys or other similar articles consisting of a rod or rack having a series of slots therein, a series of spring-arms fixed at one end in the rod or rack, extending thence outwardly therefrom, and then abruptly back thereto and into the slots, and a



series of pins for engaging the free ends of said spring-arms, substantially as shown and described.

2. A support for chimneys or other similar articles consisting of a rod or rack having a series of spring-arms adapted to support the chimneys one above the other, each pair of spring-arms acting also to prevent sidewise movement of the chimney next below, substantially as shown and described.

3. A support for chimneys or other similar articles consisting of a rod or rack having a series of slots therein, a series of spring-arms fixed at one end in the rod or rack, extending

thence outwardly therefrom, and then abruptly back thereto and into the slots, and a series of pins for engaging the free ends of said spring-arms, and carrying at its upper end, between the straps 9 upon said rod and held therein by the pin 10, the screw 3 for suspending said rod to the ceiling or other point of support and confining its swing to one plane, substantially as shown and described.

MICHAEL J. NUGENT.

Witnesses:

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