

(No Model.)

B. O. SMITH.

RACK FOR DISPLAYING LAMP CHIMNEYS.

No. 371,986.

Patented Oct. 25, 1887.

Fig. 1.

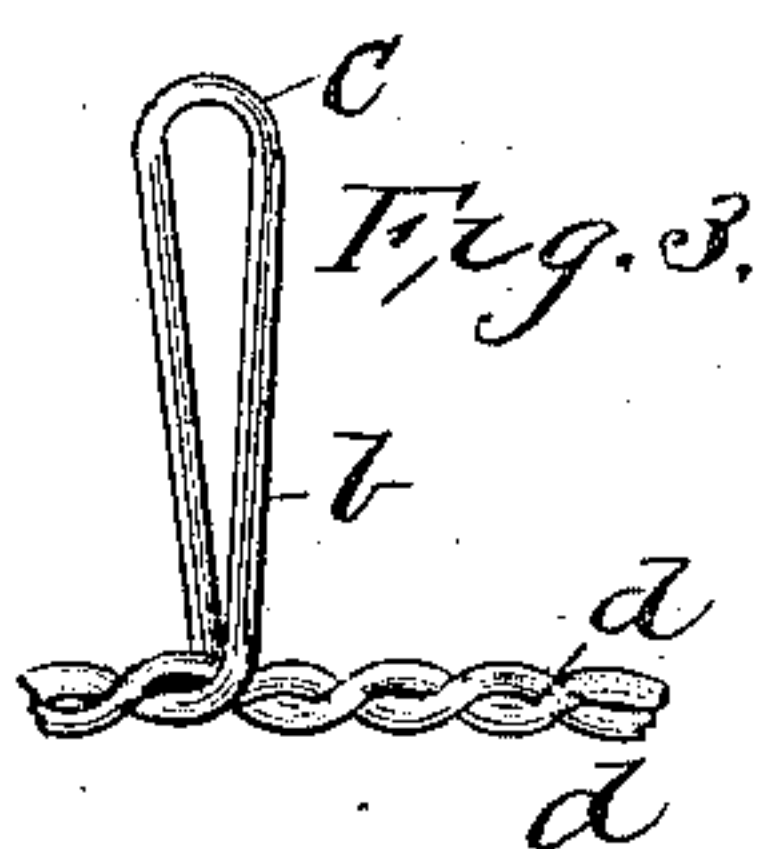
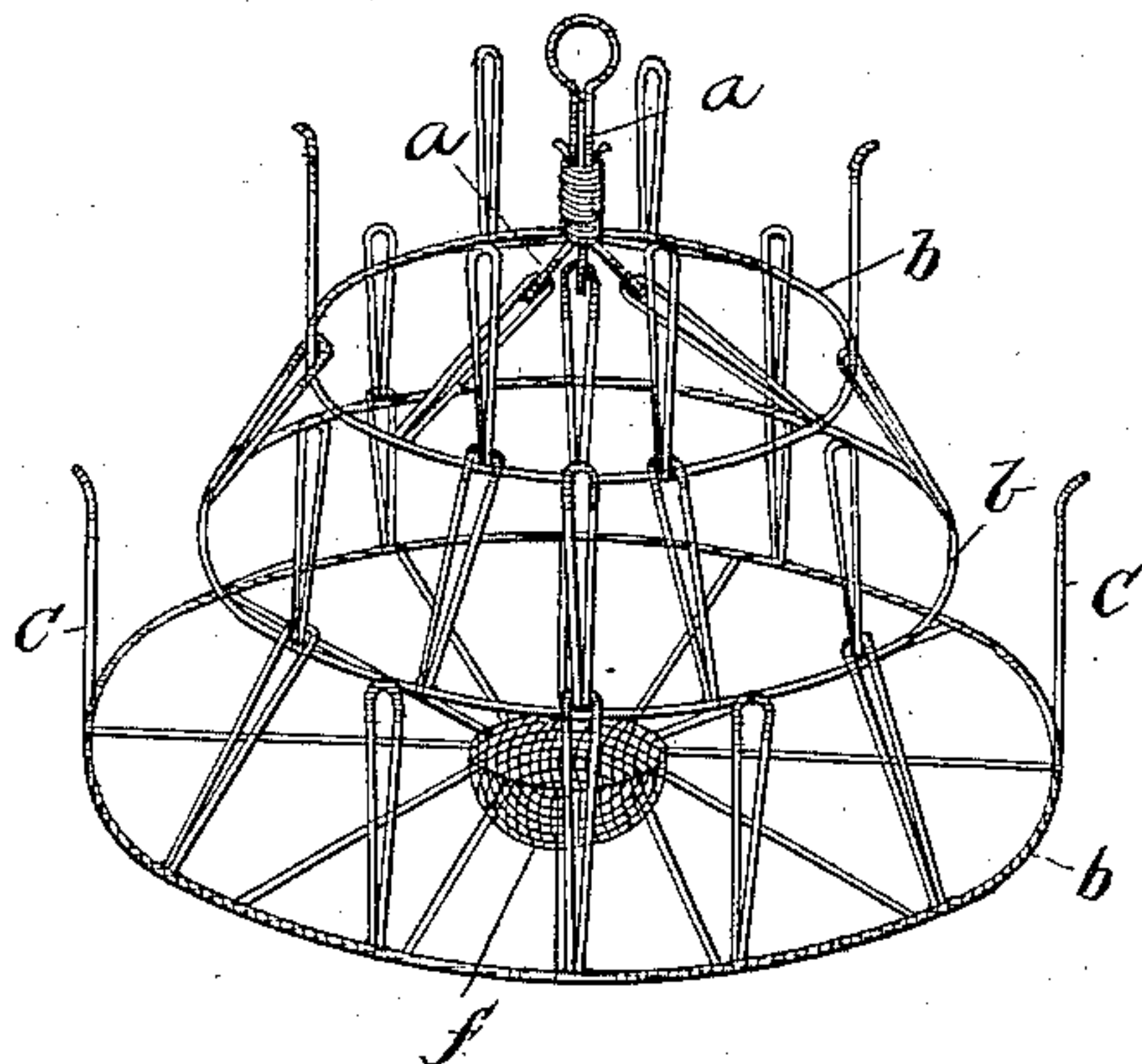


Fig. 4.

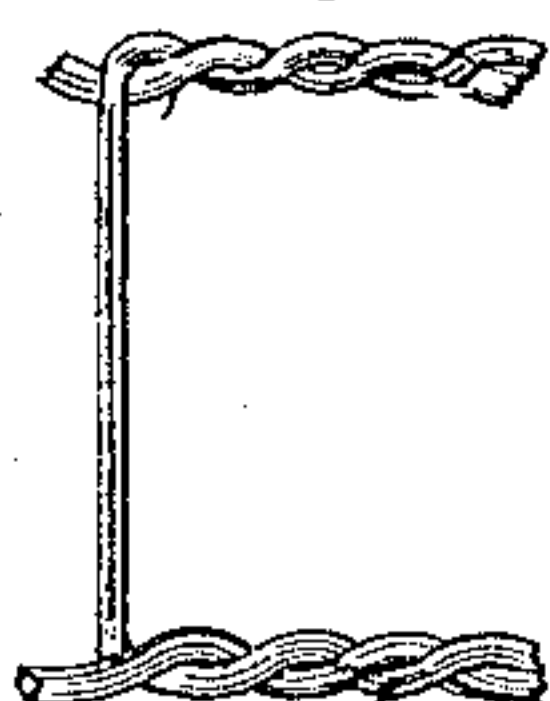
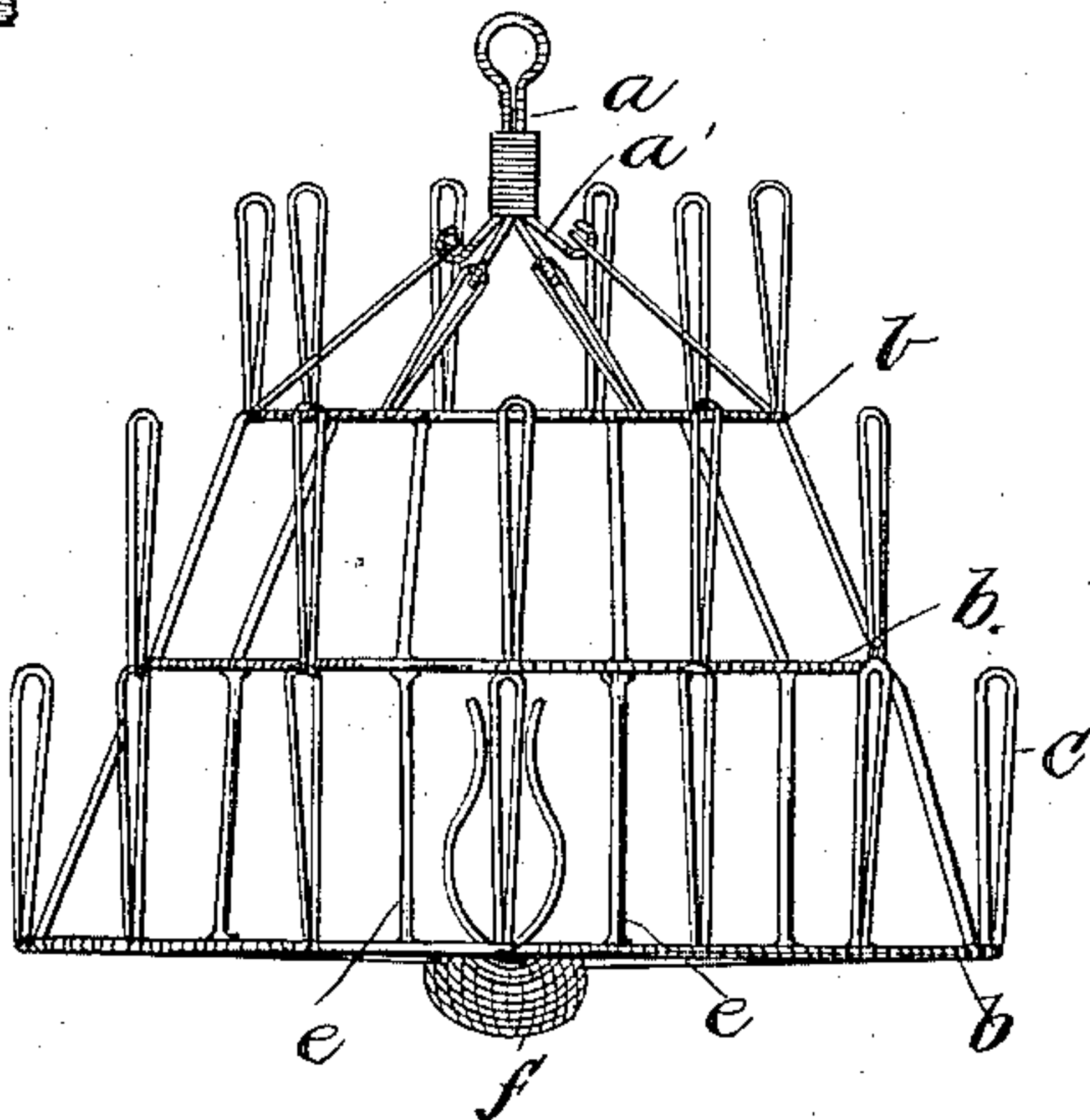


Fig. 2



Witnesses:
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UNITED STATES PATENT OFFICE.

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RACK FOR DISPLAYING LAMP-CHIMNEYS.

SPECIFICATION forming part of Letters Patent No. 371,986, dated October 25, 1887.

Application filed February 8, 1887. Serial No. 226,961. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN O. SMITH, a citizen of the United States, residing at Windsor, in the county of Henry and State of Missouri, have invented certain new and useful Improvements in Racks for Displaying Lamp-Chimneys; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention belongs to that class of devices known as "display-racks," and its object is to provide a device for displaying lamp chimneys and other articles of glassware; and it consists in certain novel features, hereinafter fully set forth and claimed.

In the annexed drawings, Figure 1 is a perspective view of a rack constructed in accordance with my invention. Fig. 2 is a side elevation showing a modified form. Fig. 3 is an enlarged detail view showing the manner of forming the loops, and Fig. 4 is an enlarged detail view of the construction shown in Fig. 2.

My invention will be fully understood from the drawings just referred to, in which *a* indicates a hanger, which may be of any suitable construction, and has a series of hooks, *a'*, radiating from its lower end, as shown. A series of rings, *b*, is provided, having a number of loops, *c*, extended upward. Some of these loops, preferably each alternate one, are placed over the hooks *a'*, and thus support the uppermost ring. Each under ring is supported by having some of its loops caught over the free loops of the next upper ring. Any number of rings may be used, and they may be round, as shown in the drawings, or square, hexagonal, octagonal, or of any polygonal form desired.

The method of constructing the ring and loops will be clearly understood from Fig. 3. The ring is formed from two strands, *d*, which are twined about each other, as shown, and at regular intervals the lower strand is carried up past the upper strand the distance required to form a loop, bent back on itself and brought down below the aforesaid upper strand, and then twined about the said strand as before, forming the loop.

I have hereinbefore stated that some of the

loops *c* are passed over loops on the next upper ring and some are left free. The lamp-chimneys which are being exhibited are slipped over the free loops, as will be understood.

Instead of forming my rack as shown in Fig. 1 and as just described, it could be constructed as shown in Fig. 2, and all the loops used for holding chimneys. In this construction separate hangers, *e*, are employed for supporting the under rings, and are secured in position by having their opposite ends secured in the upper and under rings, as clearly shown in Fig. 4. I have also shown a support, *f*, for holding a lamp, so that the rack may be illuminated at night and the chimneys properly displayed.

I have shown the rack as made of wire alone, but shall not confine myself to its use. Plain metallic bands can be used instead of the wire rings. I have also shown the rack as somewhat conical in form; but the rings may be all of the same size, and the loops or supports *c* set at an outward incline. The loops are formed so as to have sufficient spring or elasticity to bind slightly against the sides of the article displayed, and thus give a better hold.

I have provided a cheap rack which is simple in construction, efficient in operation, and can be manufactured at a small cost.

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

1. A display-rack composed of the hanger and the series of rings arranged at different levels, each ring consisting of two strands twined about each other, one of the strands being extended at intervals, forming loops, some of which loops connect the rings together and the other loops remaining free form supports, substantially as set forth.

2. A display-rack for lamp-chimneys, comprising a hanger and a series of rings provided with loops, some of which are left free to hold the articles displayed and the others slipped over hooks on the hanger and over the free loops of the next upper ring, substantially as set forth.

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

BENJAMIN O. SMITH.

Witnesses:

JAS. E. BENNETT,
J. M. SWISHER.