

No. 750,963.

PATENTED FEB. 2, 1904.

M. D. GOLD.
LAMP SHADE HOLDER.
APPLICATION FILED MAR. 22, 1902.

NO MODEL.

Fig. 1.

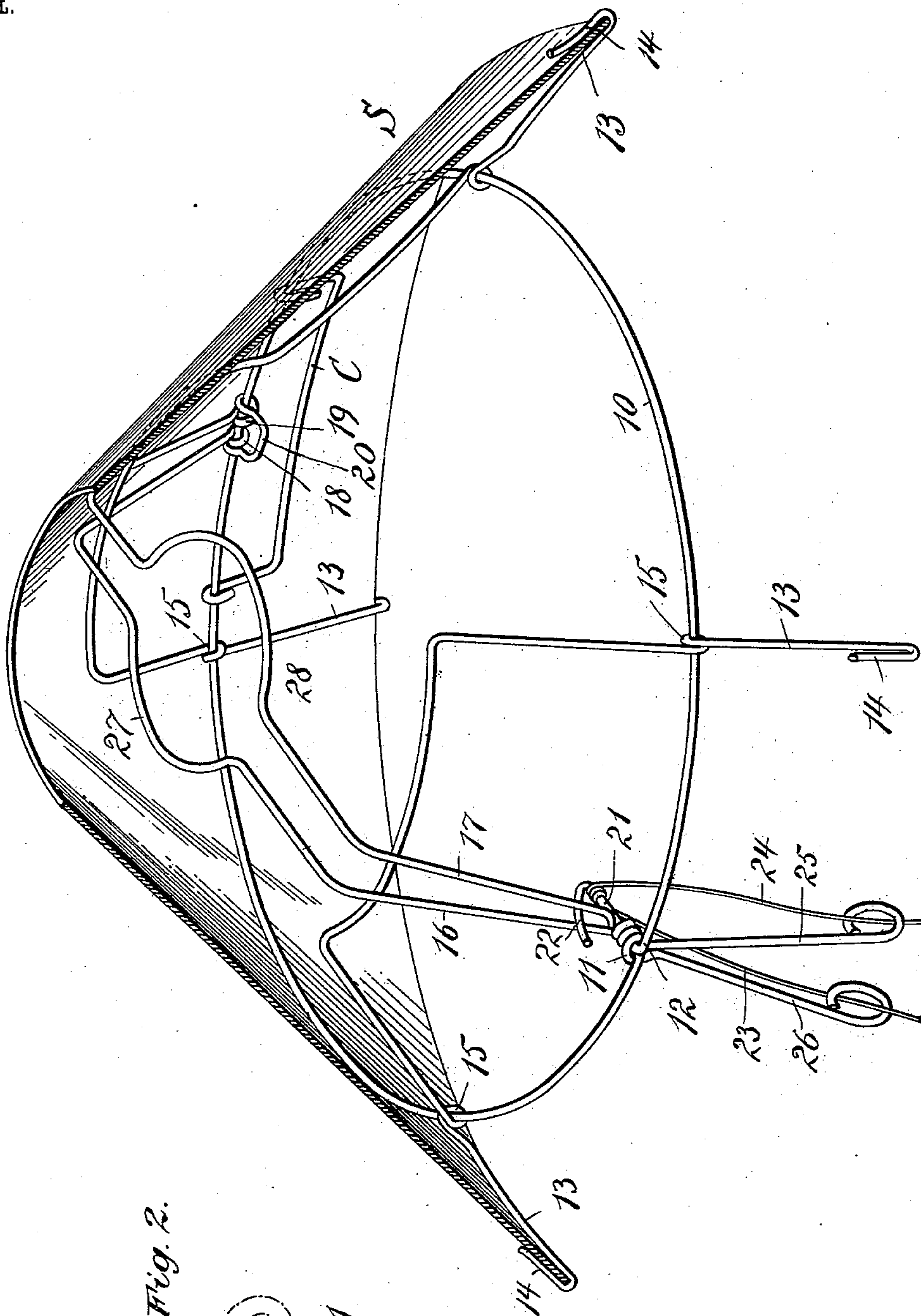
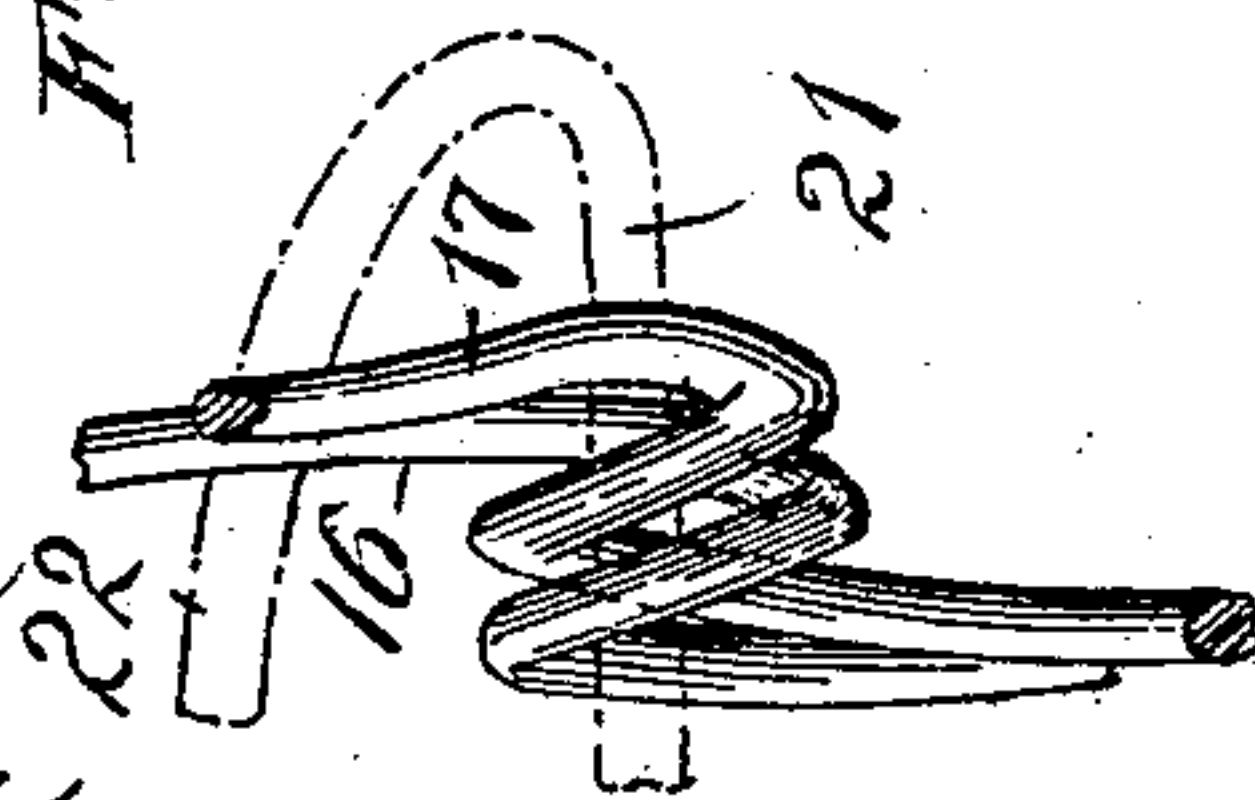


Fig. 2.



Witnesses:

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MARTIN D. GOLD, OF AMHERST, MASSACHUSETTS.

LAMP-SHADE HOLDER.

SPECIFICATION forming part of Letters Patent No. 750,963, dated February 2, 1904.

Application filed March 22, 1902. Serial No. 99,417. (No model.)

To all whom it may concern:

Be it known that I, MARTIN D. GOLD, a citizen of the United States of America, and a resident of Amherst, in the county of Hampshire and State of Massachusetts, have invented certain new and useful Improvements in Lamp-Shade Holders, of which the following is a full, clear, and exact description.

This invention relates to lamp-shade supports such as are ordinarily used in connection with chimneys and more especially with the bell-mouthed variety thereof.

My invention has for its object the provision of a resilient frame or shade support which may engage and be held on the chimney at the small or neck portion thereof, said support being adapted to be placed on and removed from the chimney when desired.

With this object in view my improved shade-holder comprises a pair of chimney-engaging members, the acting portions of which are curved substantially in conformity with the outline or size of the chimney and preferably yieldingly attached to the shade-support proper, which may be made in any desired form, and one of which is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved shade-holder, showing the chimney-engaging members partially opened and illustrating the shade broken away. Fig. 2 illustrates in detail the manner in which the chimney-engaging members are yieldingly united with the framework.

Similar characters refer to similar parts in the drawings.

The shade-support shown in the accompanying drawings comprises a substantially circular wire frame 10, one end 11 of which is coiled around the other end 12 thereof, thus rendering the wire 10 an annular base primary member on which the shade-retainers and the supporting members may be secured as required. These shade-retainers are indicated in the drawings by 13 and are preferably arranged in pairs on one continuous wire having the end portions 14 turned outward and upward to support the bottom rim of the shade S and pivotally secured to the base-wire 10, as at 15. By constructing and mount-

ing the shade-engaging members in this manner each pair is adapted to swing on the frame 10, so that the hooked ends 14 may be brought to a position coincident with the lower edge of any sized shade.

The base-wire 10 has preferably attached thereto at diametrically opposite points a pair of support-carrying members 16 and 17, each of which is bent into the required shape and secured with one end to the base-wire 10 by being coiled loosely around the same, as indicated at 18 and 19, respectively, while a strap 20, the ends of which are tightly coiled around the wire 10, may serve as collars to retain the ends 18 and 19 in proper position on the wire 10, but yet permit sufficient freedom for the members 16 and 17 to open. Near their other ends these members 16 and 17 may be pivotally united, one relatively to the other, somewhat after the manner shown in Fig. 2, in which the wire end 12 is shown substantially radially inward to form a trunnion 21, on which the members 16 and 17 may be journaled by being coiled around the same, and the innermost end of which, as herein shown, is bent upward and outward to form an arm 22 for holding the members 16 and 17 in central elevated position relative to the frame 10 when said members are normally closed—as, for instance, by springs 23 and 24, respectively, preferably formed in one piece and supported on the arm 21, above referred to.

The springs 23 and 24 engage, preferably, the arms 25 and 26, constituting a part of the members 16 and 17, respectively, and therefore serving as means for manipulating and opening these members by hand sufficiently to permit the chimney-engaging portions 27 and 28 of the members 16 and 17 to pass over a bell-mouthed chimney, such as are ordinarily used with oil-lamps, and it will of course be understood that as soon as the hand-pressure on the arms 25 and 26 is released the springs 23 and 24 will immediately close the members 16 and 17 until the parts 27 and 28 come into contact with the body of the lamp-chimney.

Inasmuch as it is essential that the shade-support shall hang properly on the chimney, and since the manipulating portion of the

clamping members is heavier than the opposite side, I preferably provide a counterweight C in proper position on the base-frame 10.

5 Many changes may be made in the particular construction of the incorporating elements without departing from the spirit of my invention, and I wish it therefore to be distinctly understood that I do not confine myself to the
10 particular shape or form of the chimney-engaging members nor to the particular form of union or joint between said members and the shade-support member.

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

1. A device of the class described, comprising a frame having arms pivoted thereon and arranged in pairs, the arms of each pair being
20 connected at the top and having their lower end formed into a hook to engage the lower edge of the shade.

2. In a device of the class described, the combination with a frame, of a pair of chimney-engaging members pivoted to the frame
25 and having extensions for opening the same, and means operating on the extensions to normally hold the members closed.

3. In a device of the class described, the
30 combination with a frame for supporting the shade, of a pair of chimney-engaging members pivotally connected at each end to the frame and extending diametrically across the same, and means for holding said members closed.

35 4. In a device of the class described, the combination with a shade-support, of means

for supporting the same on a lamp, comprising a pair of resilient members, each member having its ends pivotally looped to the support and extending diametrically across the same, 40 and means on the support for normally holding the members closed.

5. The combination with a frame for supporting the shade, of a pair of resilient members pivoted to the frame, each member hav- 45 ing one end formed into an arm for opening the members, and means operating on said arms for closing the members.

6. The combination with a frame for supporting the shade, of a pair of resilient mem- 50 bers pivoted to the frame, each member having one end formed into an arm for opening the members, means operating on said arms for closing the members, and a weight on the opposite side of the frame for counterbalanc- 55 ing the arms and their operating means.

7. A device of the class described comprising a frame, chimney-engaging members pivoted on the frame, means operating on said members for holding them engaged with the 60 chimney, and means formed on the frame extending into engagement with the chimney-engaging members for maintaining the latter in central elevated position relative to the 65 frame.

Signed by me at Springfield, Massachusetts, in the presence of two subscribing witnesses.

MARTIN D. GOLD.

Witnesses:

WM. S. BELLOWS,
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