

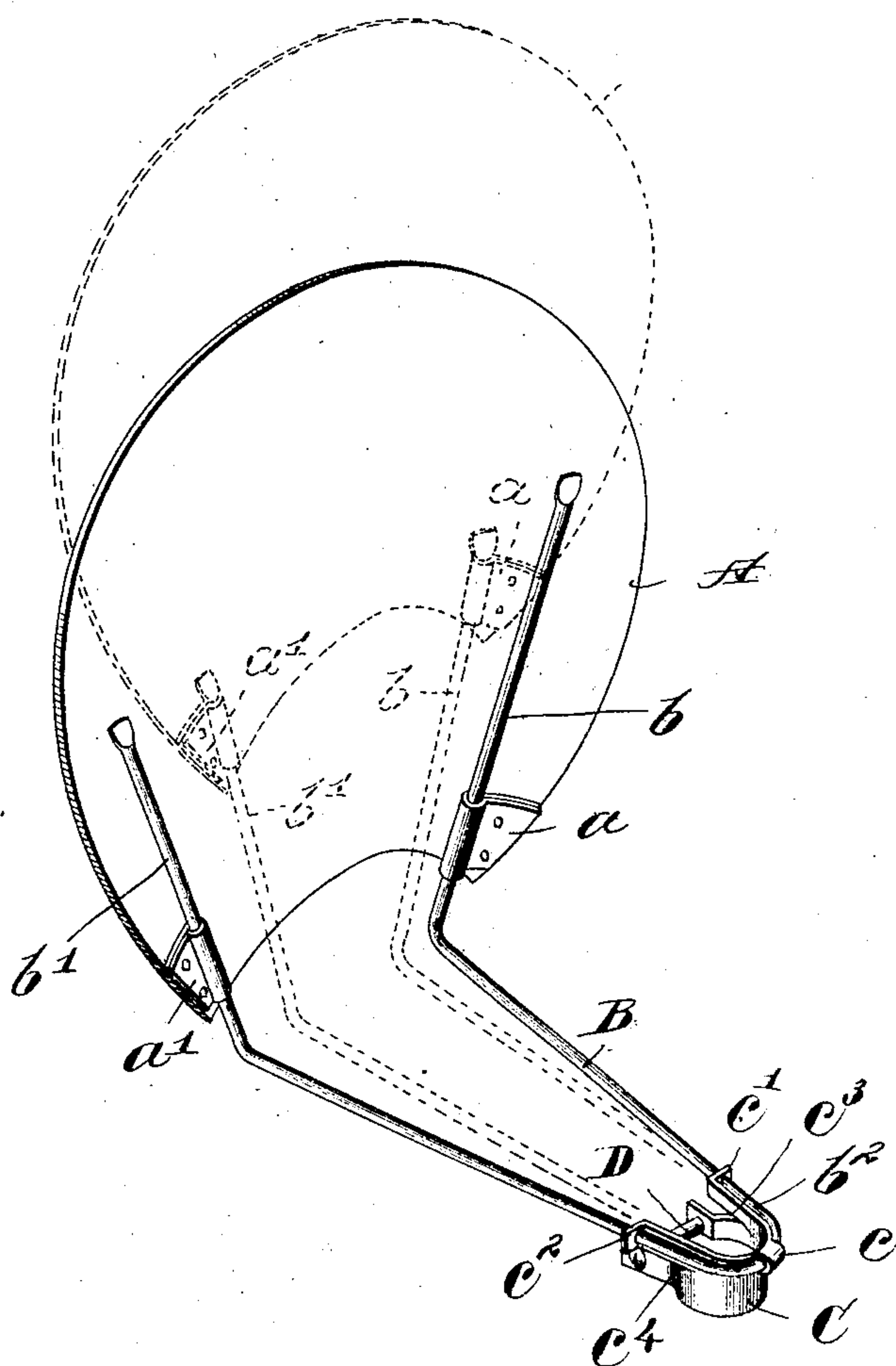
No. 765,107.

PATENTED JULY 12, 1904.

T. SMITH.  
LAMP SHADE.

APPLICATION FILED SEPT. 21, 1903.

NO MODEL.



WITNESSES—

*J. A. Paulerschnitt*

*Mattie B. Bliss*

INVENTOR—

*Theodor Smith*

*By H. F. Titus* ATTY

# UNITED STATES PATENT OFFICE.

THEODORE SMITH, OF CHICAGO, ILLINOIS.

## LAMP-SHADE.

SPECIFICATION forming part of Letters Patent No. 765,107, dated July 12, 1904.

Application filed September 21, 1903. Serial No. 173,931. (No model.)

*To all whom it may concern:*

Be it known that I, THEODORE SMITH, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Lamp-Shades, of which the following is a specification.

My invention relates to certain improvements in lamp-shades, the object of which is greater simplicity and ease of manipulation, firmness of construction, and cheapness of manufacture.

To such end the invention consists in certain novel characteristics which will appear in the preferred construction shown and described herein, and the essential features of which will be pointed out in the claims.

In the drawing said preferred construction is shown by a perspective looking at the shade from the side of the light, and the particular device illustrated is adapted for attachment to the ordinary gas-burner.

The shade proper, or the portion which is intended to intercept the light, is represented in approximately horseshoe form at A and is provided with two oblique ears  $a\ a'$ , diverging upwardly and embracing two upwardly-diverging arms  $b\ b'$  of a spring shade-support B, preferably consisting of ordinary spring-wire bent into a U shape at  $b^2$  and at a convenient distance from the U-shaped bend bent upwardly at substantially right angles, the upwardly-extending arms being arranged to slide in the ears  $a\ a'$ . At the U-shaped bend a clamping-collar C is secured to the wire B by means of a tongue  $c$ , bent around the middle of the wire, and two perforated lugs  $c^1\ c^2$ , through which the two portions of the wire pass a short distance from the tongue  $c$ . This collar is not a complete circle; but the circle is completed by means of a clamping-screw D in the manner which is common in supporting-collars of this sort, the adjustment afforded by the same enabling the collar to be slipped on and off of the supporting-burner and clamped securely upon burners differing considerably in size. The middle of

the collar is slit at  $c^3\ c^4$ , so that the portions which are brought together by the clamping-screw may be independent of those which support the wire B. The full lines in the drawings show the shade in its lowest position, and it may be adjusted from that position to the one shown in dotted lines by merely pressing the two portions of the wire B together, the shade rising automatically upon the vertical portions of the wire when the lower ends of the same are brought together. The tension of the wire shade-support B should be sufficient to put a slight strain upon the ears  $a\ a'$  regardless of the position of the shade, so that the same may bind upon the wires and prevent their movement thereon except when pressure is applied to the wires to bring them together and release the portions within the ears.

This construction not only affords a firm and secure support for the shade A in positions within its range of adjustment, but it also enables the shade to be raised quickly and easily by pressing the wires together, making it unnecessary to use both hands or to take hold of the shade itself.

I recognize the possibility of great variation in the specific construction described without departing materially from my invention.

I claim as new and desire to secure by Letters Patent—

1. The combination with a shade having obliquely-disposed ears, of a spring-support therefor having obliquely-disposed arms loosely fitted to said ears and normally under tension therein.

2. The combination with a shade having obliquely-disposed ears, of a clamping device adapted to be secured to a light, and a spring shade-support secured to the clamping device and having obliquely-arranged arms adapted to slide in said ears and normally under tension therein.

3. The combination with the clamp, C, having the slits,  $c^3\ c^4$ , of the clamping-screw, D, applied to said clamp upon one side of said

slits, the spring shade-support, B, supported  
upon said clamp upon the opposite side of said  
slits, and a shade carried by the support and  
held in adjustment thereon by the resiliency  
5 thereof.

In witness whereof I have signed the above  
application for Letters Patent, at Chicago, in

the county of Cook and State of Illinois, this  
24th day of July, A. D. 1903.

THEODORE SMITH.

Witnesses:

CHAS. O. SHERVEY,  
MATTIE B. BLISS.