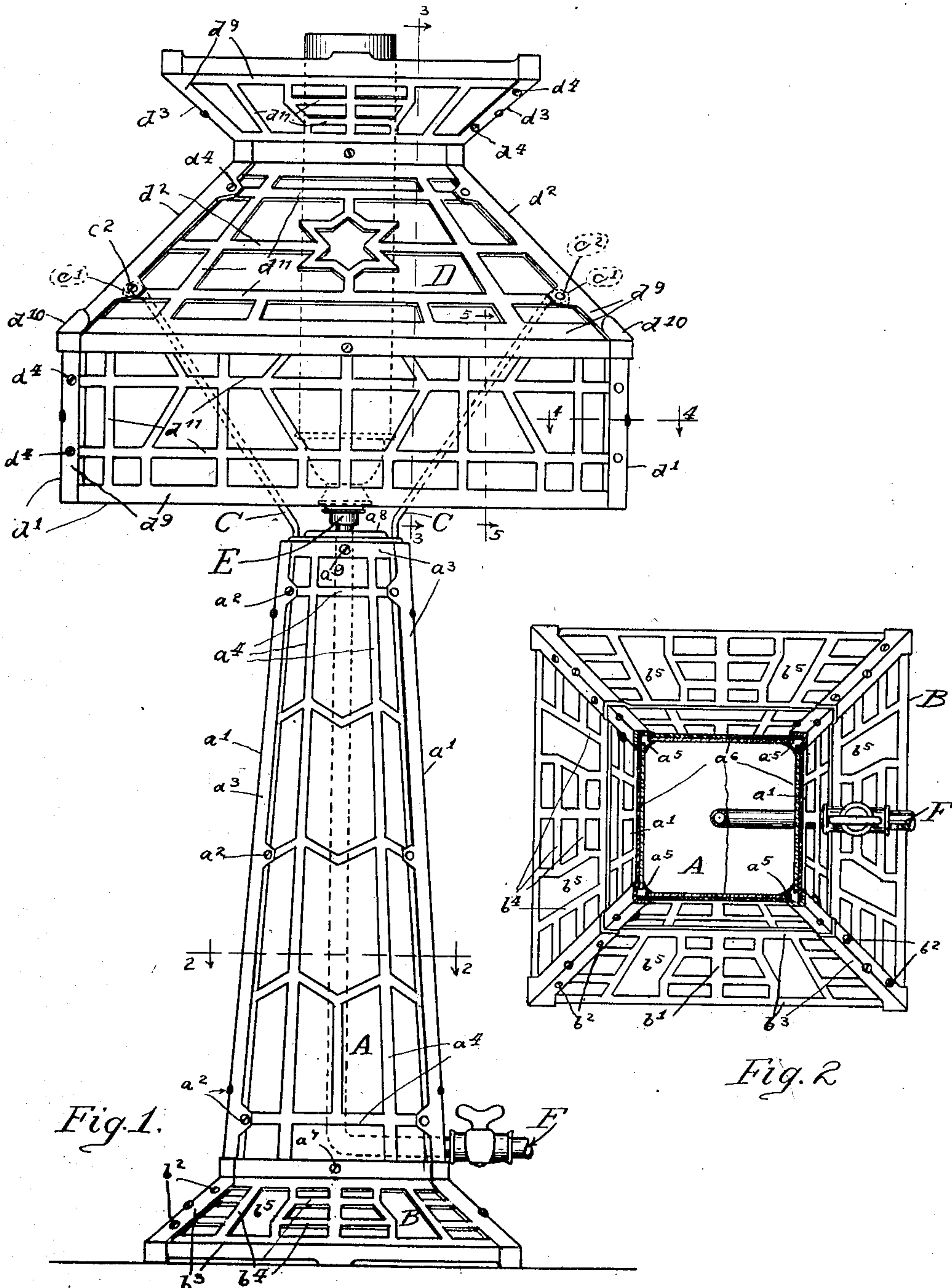


W. HERWIG.
LAMP CONSTRUCTION.
APPLICATION FILED NOV. 4, 1907.

925,771.

Patented June 22, 1909.

2 SHEETS—SHEET 1.



Witnesses:
John Braunwalder
E.B. Weed.

Inventor:
William Herwig
by Arthur M. Linnell
Atty.

W. HERWIG.
LAMP CONSTRUCTION.
APPLICATION FILED NOV. 4, 1907.

925,771..

Patented June 22, 1909.
2 SHEETS—SHEET 2.

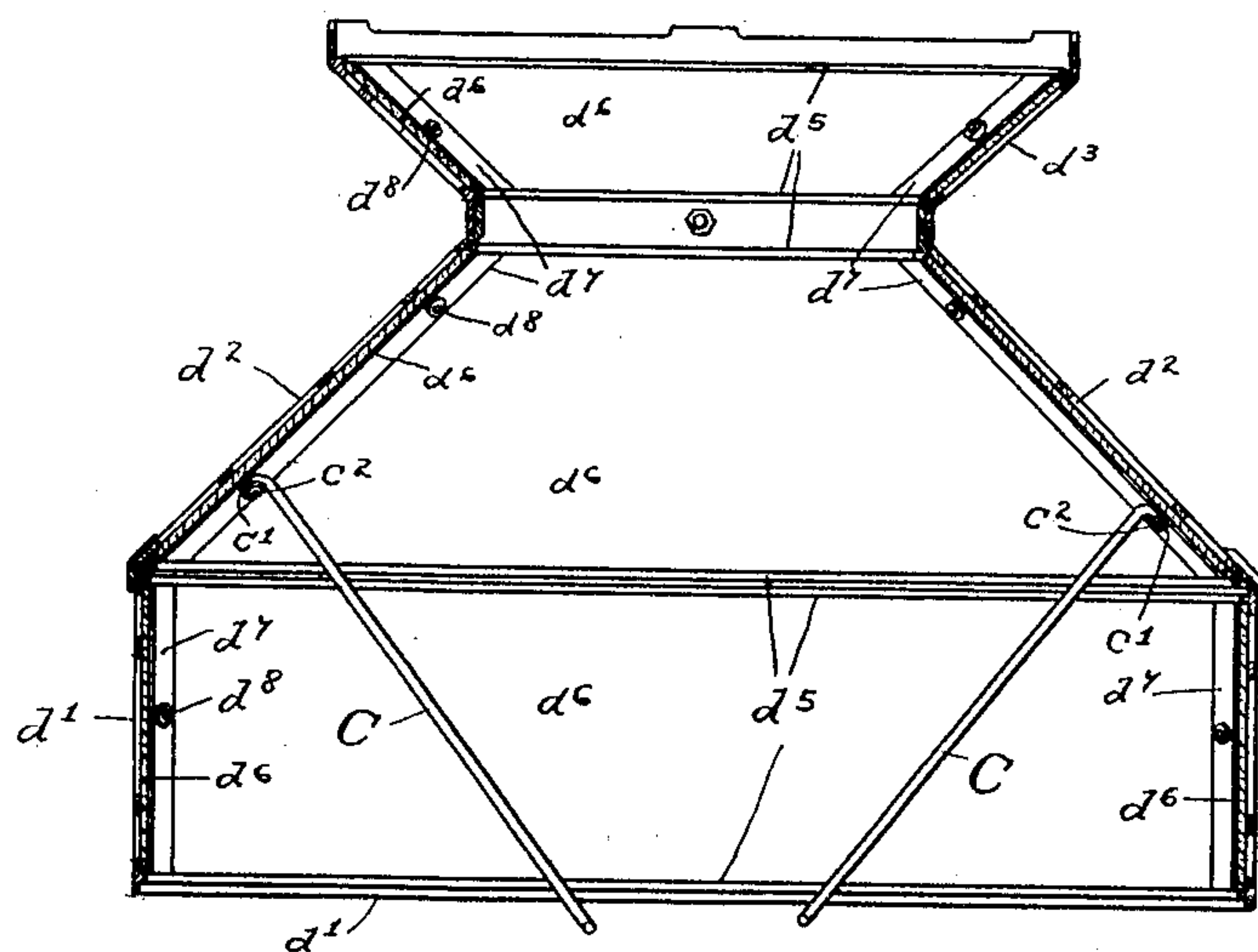


Fig. 3.

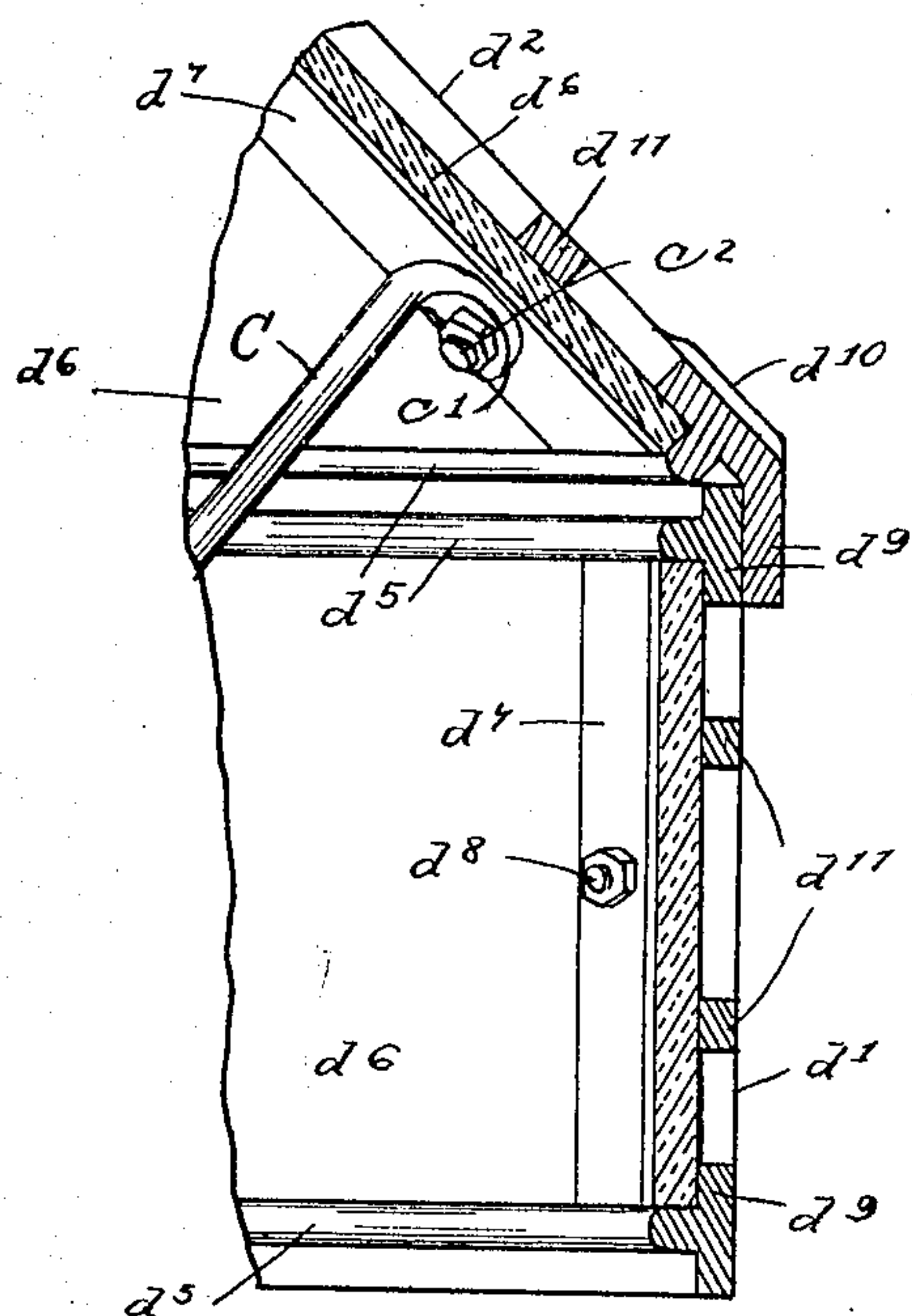


Fig. 5.

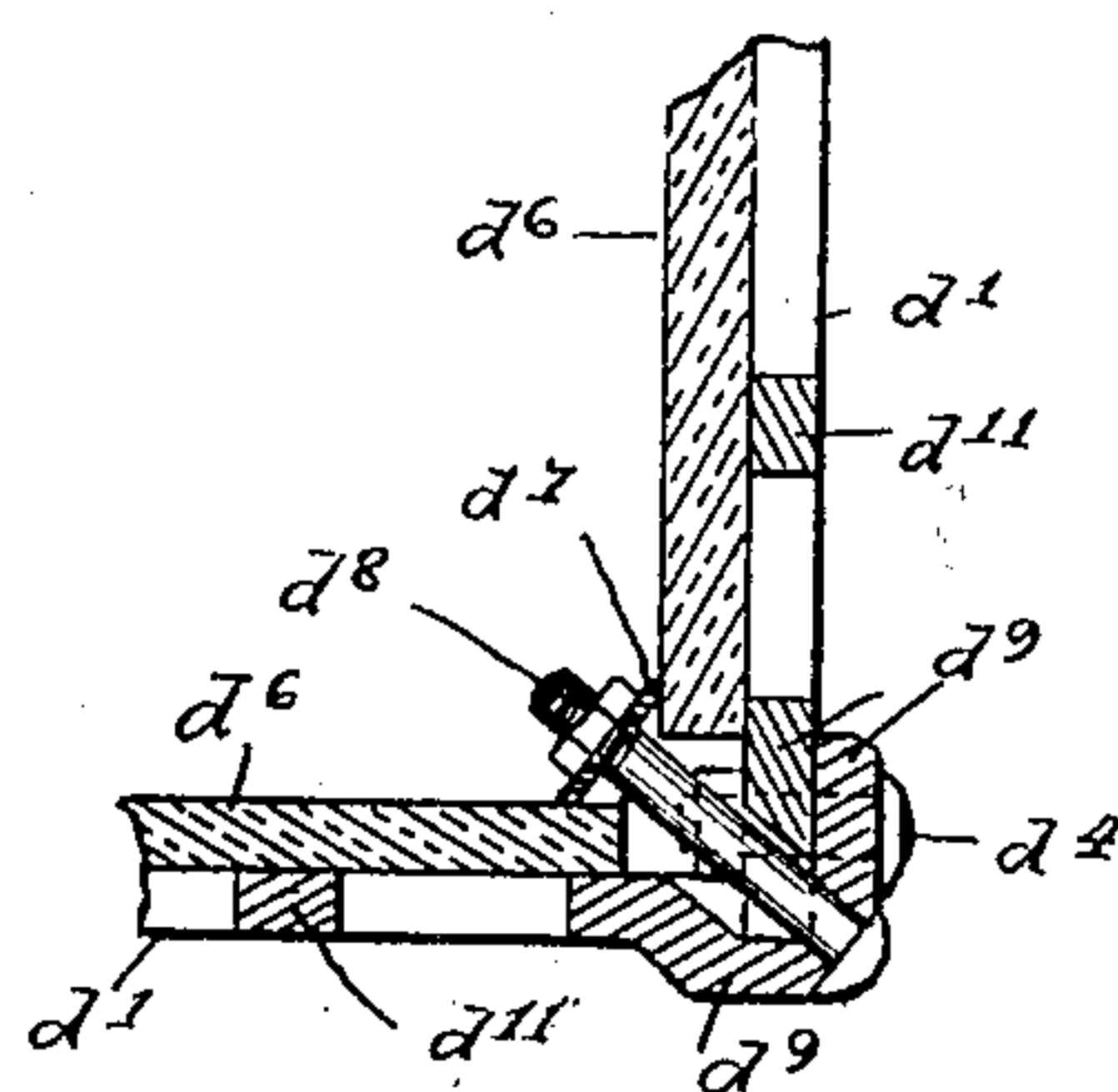


Fig. 4.

Witnesses:
John Braunwalder
E. B. Weed.

Inventor:
William Herwig
by Arthur M. Larnald
Att'y

UNITED STATES PATENT OFFICE.

WILLIAM HERWIG, OF CHICAGO, ILLINOIS.

LAMP CONSTRUCTION.

No. 925,771.

Specification of Letters Patent.

Patented June 22, 1909.

Application filed November 4, 1907. Serial No. 400,596.

To all whom it may concern:

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

The object of my invention is to provide a simple form of parts, and method of assembling which will permit a uniformity of construction with various ornamental designs.

A further object is to shape the parts in such manner, and on such lines, as will produce a certain artistic effect, which will be more fully shown in the description.

Figure 1 shows a side elevation of a form of lamp embodying my invention. Fig. 2 is a plan section on line 2—2 of Fig. 1. Fig. 3 is a section on line 3—3 of Fig. 1. Fig. 4 is an enlarged section on line 4—4 of Fig. 1. Fig. 5 is an enlarged section on line 5—5 of Fig. 1.

Referring to the drawings, this improved lamp construction comprises a flaring base B having suitably mounted thereon a stand A, from the upper end of which extend diagonally formed braces C for maintaining the shade D in desired position. An ordinary gas burner E, is mounted centrally within the shade D, and supplied with gas in the usual manner through the pipe F.

The base A, is composed of the duplicate cast, or formed side plates a^1 , and fastened together at the corners by means of screws a^2 . These side plates a^1 , are composed of an outline border strip a^3 , so formed as to overlap the successive plates at one side thereof. Formed within, and approximately paralleling the outline border strip a^3 , is an additional strip a^4 , designed to produce a certain ornamental effect, known as the mission style. Within the outline of the stand A, and fastened to the side plates, a^1 , and held in place by means of strips, a^5 , and screws, a^2 , are the transparent or semi-transparent glass plates, a^6 .

The stand A, is fitted suitably within the upper end of the base B, and is fastened thereto by the screws, a^7 . The base B, is composed similarly to stand A, of the side plates, b^1 , overlapping and fastened together at the corners by screws, b^2 , and composed of

the border strip, b^3 , and having strips, b^4 , approximately paralleling the border strip, b^3 . Glass plates, b^5 , are fastened to plates, b^1 , in a similar manner, as in stand A.

Surmounting the upper end of stand A, is a top plate, a^8 , which is fastened to the side plates, a^1 , by means of screws, a^9 . Attached to the top plate, a^8 , and projecting therefrom in an upward direction, are the supporting braces, C. The upper ends of these braces have a flattened ear, c^1 , formed thereon, and are connected to the shade, D, by means of screws, c^2 .

The shade, D, is composed of the vertical side plates, d^1 , and surmounting these are the angular side plates, d^2 , and in turn surmounting these, of the side plates, d^3 , which last in the figures shown, are constructed of similar plates to b^1 , of the base B. The side plates, d^1 , d^2 and d^3 , overlap at the corners the next successive plate, and are fastened there by the screws, d^4 , and in addition by the screws, c^2 , where these connect and pass through the plates, d^2 .

Referring to Fig. 1 and Fig. 5, projecting from the inner side of the side plates, d^1 , d^2 and d^3 , are the horizontal ribs, d^5 , whose function is to hold the transparent or semi-transparent glass plates, d^6 , in a vertical position while their lateral and inward position is maintained by the strips, d^7 , which are held in place by the screws, d^8 . The side metallic plates, d^1 , d^2 , d^3 , have a border strip d^9 formed integrally therewith.

In some form of lighting effects, the shade D, may be used without the stand A, and may then be supported from ceilings or other suitable places by means of chains, or the like, attached to shade D, at the corners, d^{10} , which are shown reinforced for such purpose.

The shade D, or stand A, may be made hexagon, or have any number of sides, and may also be variously shaped, without departing from the elemental principles embodied in my invention.

What I claim and desire to secure by Letters-Patent, is—

In a lamp shade a metallic frame comprising a plurality of sections, ornamental glass plates positioned within the frame which serve as a protecting means therefor, each of

the frame sections being formed with an overlapping joint comprising an angular metallic strip, backing strips disposed lengthwise of the joints upon the interior of the lamp shade, and fastening means passed through the frame sections and backing strips for locking the sections together and

securing the ornamental glass in place, substantially as described.

WILLIAM HERWIG.

Witnesses:

E. B. WEED,

F. M. OUTHUSE.