

H. CHRISTENSEN.  
LAMP SOCKET FASTENING.  
APPLICATION FILED JUNE 27, 1910.

985,395.

Patented Feb. 28, 1911.

Fig. 3.

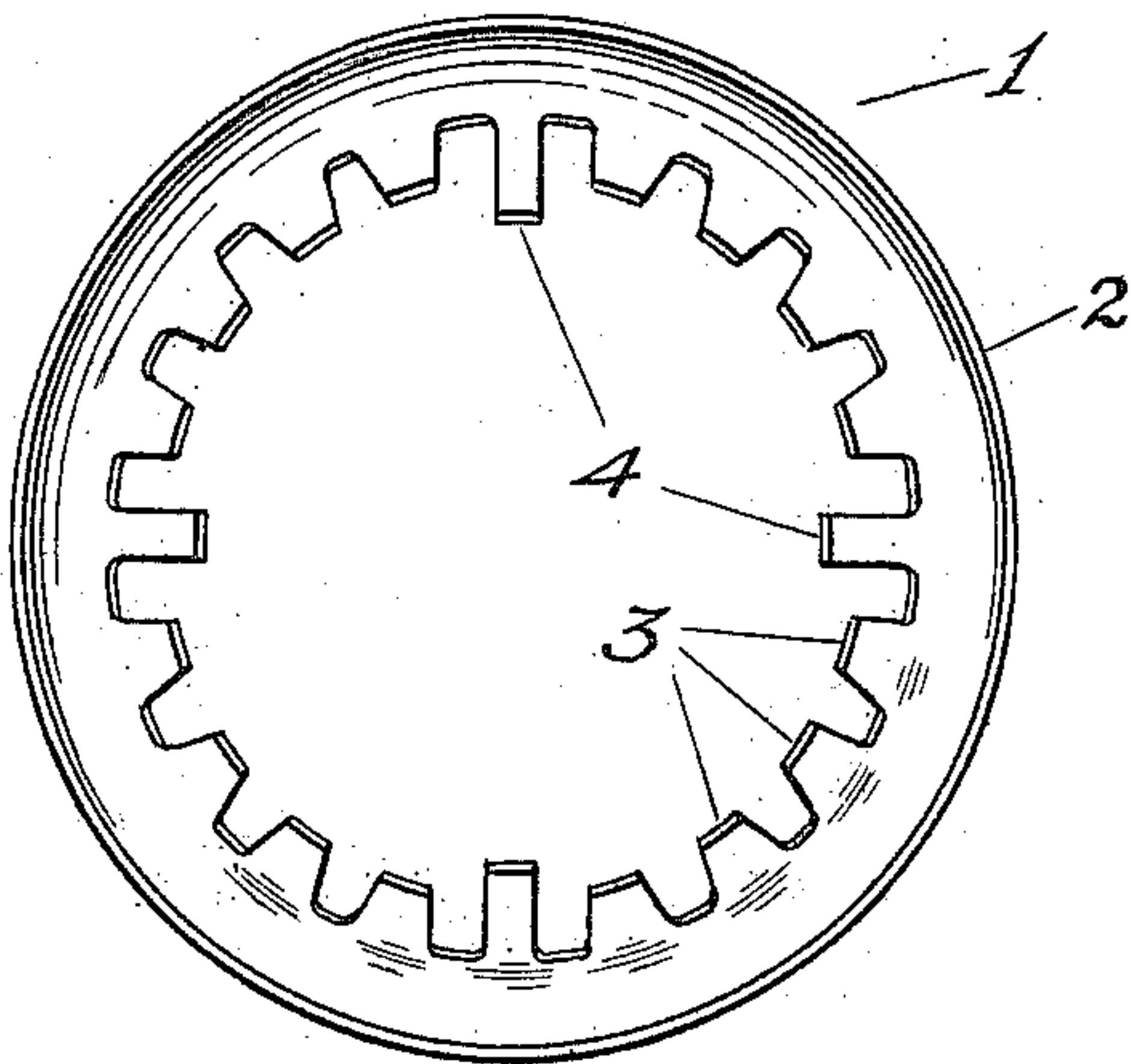


Fig. 1.

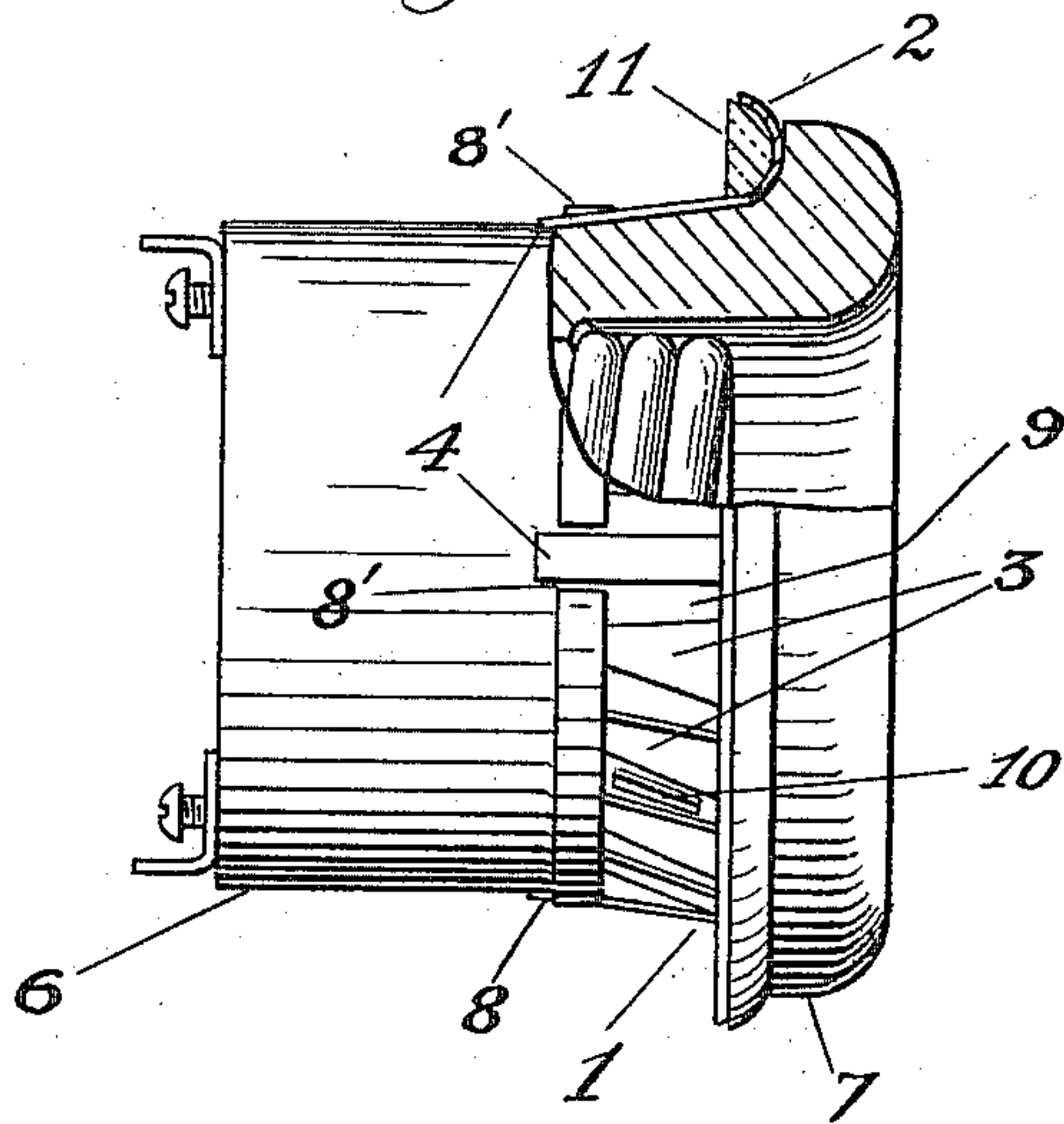
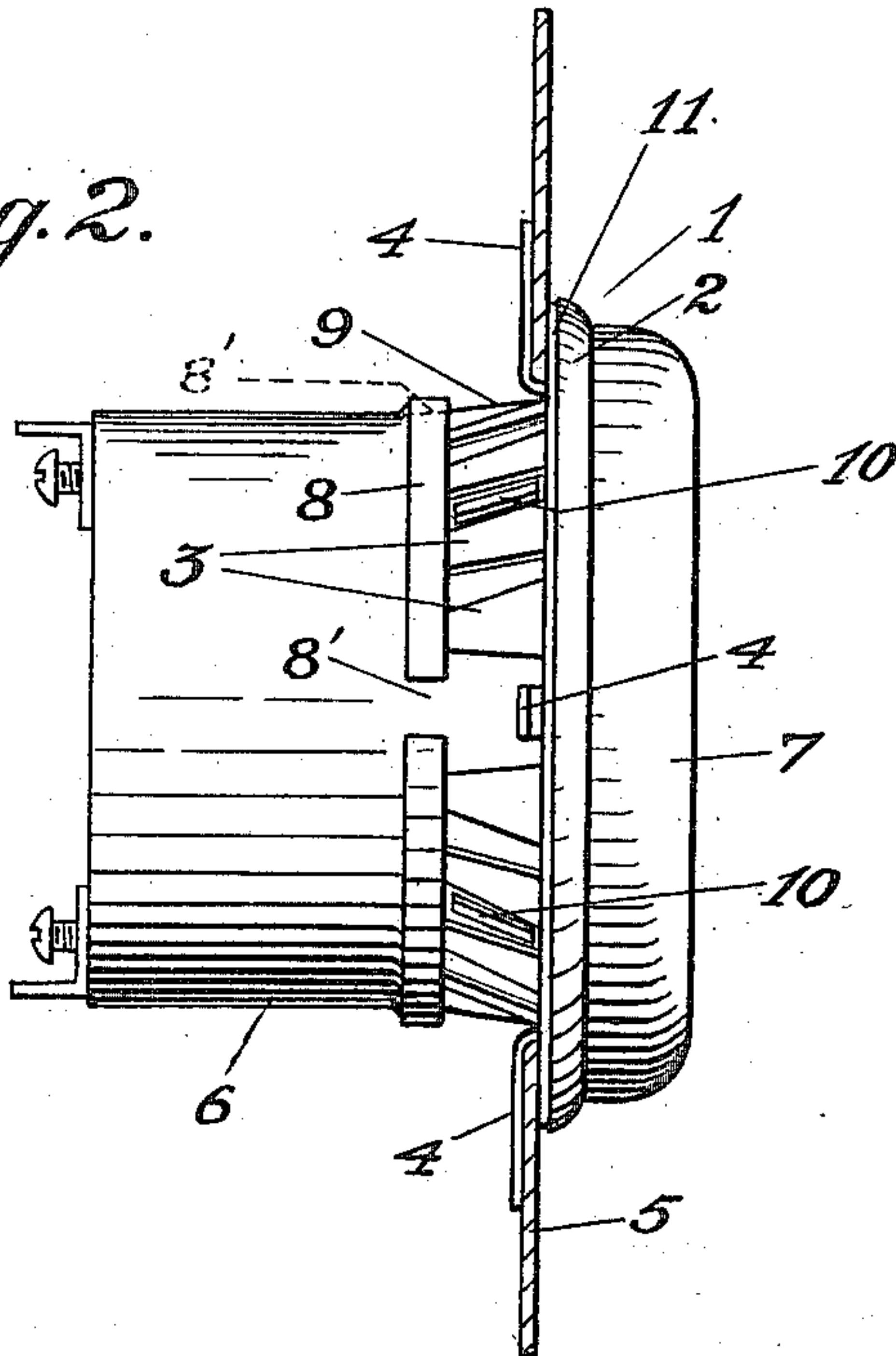


Fig. 2.



Inventor

Hjalmar Christensen.

Witnesses

James C. Sproll.  
Vernon A. Kilgus.

By

Adams & Brooks  
Attorneys



# UNITED STATES PATENT OFFICE.

HJALMAR CHRISTENSEN, OF SEATTLE, WASHINGTON.

## LAMP-SOCKET FASTENING.

985,395.

Specification of Letters Patent. Patented Feb. 28, 1911.

Application filed June 27, 1910. Serial No. 569,253.

*To all whom it may concern:*

Be it known that I, HJALMAR CHRISTENSEN, a citizen of the United States of America, and a resident of the city of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Lamp-Socket Fastenings, of which the following is a specification.

My invention has for one of its objects to provide an efficient fastening of the above type, the same being equipped with engaging parts through the medium of which connection between the lamp socket and its supporting element is effected.

Other objects will be set forth as my description progresses and those structural features, arrangements and combinations of parts, in which my invention resides, succinctly defined in my annexed claims.

Referring to the accompanying drawing, wherein like numerals of reference indicate like parts throughout the several views: Figure 1 is a side view, partly in section, of a lamp provided with my fastening device. Fig. 2 is a side view of a lamp socket secured in position on a supporting element by my fastening device, and Fig. 3 is a rear end view of the fastening device.

My fastening device 1 comprises a hollow body portion, provided at one end portion with an external shoulder 2 and at its opposite end portion with spaced fingers 3 and 4, the latter of which are preferably longer than the former and adapted to be bent outwardly therefrom to oppose shoulder 2 and form in conjunction therewith means for fastening the device to the supporting element, as 5, as for example a sign board, for the lamp socket 6. Socket 6 is provided with spaced external shoulders 7 and 8, the latter of which preferably lies within or substantially within the bounds of a rearwardly tapering intermediate peripheral portion 9 and at the rear end thereof, by which construction shoulder 8 can be passed through an opening in support 5, of such diameter as will insure of the fingers 3 and 4 of the fastening device, being engaged by the wall thereof and forced and held against the tapering socket portion 9 with fingers 3 bearing against said shoulder 8 and fingers 4 seated in suitable cut outs 8' thereof.

My improved fastening device, in the present embodiment, is pressed from a single metallic blank, of copper or the like, and conforms internally to the contour of the

tapering portion of the lamp socket, on which it is normally arranged to be held by shoulders 7 and 8 and lugs, as 10 thereof, the latter engaging between certain of the fingers 3 as shown, against relative rotary and lengthwise movements.

In operation, the fastening device is slipped over the rear end portion of lamp socket 6 and over shoulder 8 thereof to effect its seating on portion 9 where it is held by the shoulders 7 and 8 and the lugs 10, and has its fingers 4 engaged in the cut outs 8', so as not to interfere with their free passage through the opening in support 5, as previously explained. After the lamp socket is positioned in support 5 with shoulder 2 of the fastening device opposing one face thereof, and if desired having bearing on an intermediate cushioning ring 11 thereof, fingers 4 are bent outwardly, as shown in Fig. 2, to oppose the opposite face of the support and thereby secure the lamp socket thereto.

Having thus described my invention what I claim as new, and desire to secure by Letters Patent of the United States of America, is:

1. A lamp socket fastening comprising a hollow body portion provided at one end portion with relatively long and short fingers, the longer of said fingers being pliable whereby they can be bent outwardly to oppose the supporting element for the lamp socket, and a shoulder on said body portion coöperating with the last named of said fingers to secure said body portion to the supporting element for the lamp socket.

2. In combination with a supporting element formed with an opening, a lamp socket projecting through the opening of said element and having spaced shoulders each arranged on a respective side thereof, a hollow fastening device having one end portion engaging the adjacent shoulder of said socket, the opposite end portion of said device extending through the opening of said supporting element, and being divided longitudinally to provide relatively long and short fingers the latter of which bear against the other shoulder of said socket, and a shoulder on the first named end portion of said device engaging said supporting element, the said long fingers normally coacting with the said shoulder of said device, for the purpose specified.

3. A fastening device of open form having a body portion of pliable material, one



end portion of said body being provided with an outwardly projecting shoulder and the opposite end portion thereof being formed with inwardly extending longitudinal slits providing a plurality of fingers.

4. In combination with a supporting element formed with an opening, a lamp socket having a tapered peripheral portion projecting through the opening of said support and provided with spaced shoulders lying on respective sides thereof, and a fastening device seated on the tapered portion of said socket and projecting through the opening of said

support, one end portion of said device being divided to provide a plurality of fingers, the inner end portions of said fingers being engaged by the wall of the opening of said support and thereby held against said socket.

Signed at Seattle, Washington this 7th day of June 1910.

HJALMAR CHRISTENSEN.

Witnesses:

ARLITA ADAMS,  
A. A. BOOTH.

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