

No. 661,688.

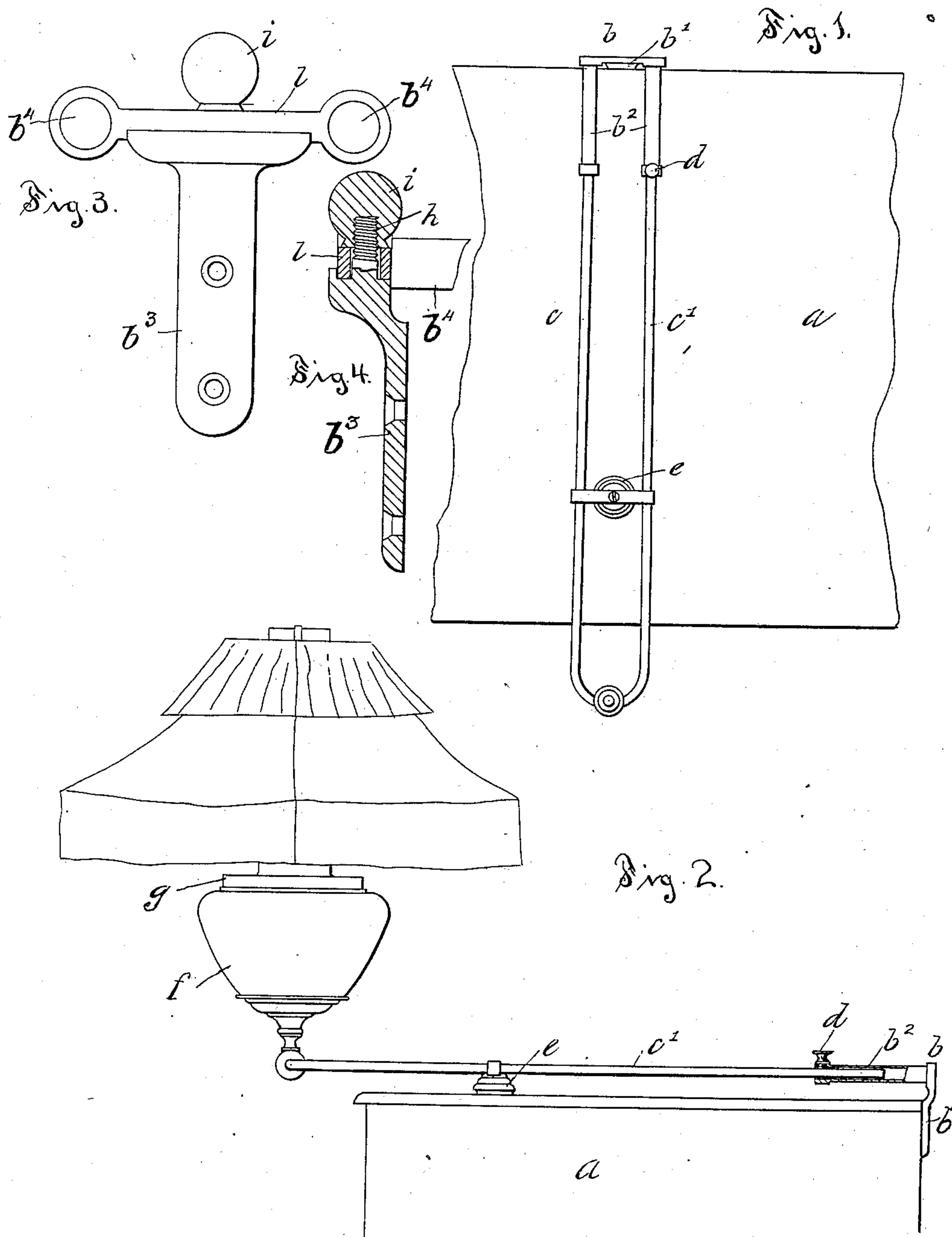
Patented Nov. 13, 1900.

E. D. CASTELOW.

LAMP BRACKET.

(Application filed Feb. 25, 1897.)

(No Model.)



Witnesses:  
Harris E. Hart.  
Arthur B. Jenkins.

Inventor:  
Elijah D. Castelow.  
By Chas. L. Burdett,  
Attorney.

# UNITED STATES PATENT OFFICE.

ELIJAH D. CASTELOW, OF MERIDEN, CONNECTICUT.

## LAMP-BRACKET.

SPECIFICATION forming part of Letters Patent No. 661,688, dated November 13, 1900.

Application filed February 25, 1897. Serial No. 624,950. (No model.)

*To all whom it may concern:*

Be it known that I, ELIJAH D. CASTELOW, a citizen of the United States, and a resident of Meriden, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Lamp-Brackets, of which the following is a full, clear, and exact description, whereby any one skilled in the art can make and use the same.

10 The object of my invention is to provide a bracket that may be removably attached to a piano or like article of furniture in a manner to avoid marring and which will hold the lamp firmly in the desired position and one  
15 which will also permit an adjustment of the lamp on the support for the purpose of throwing the rays of the light in the proper direction.

20 A device by means of which these results may be attained is illustrated in the accompanying drawings, in which—

Figure 1 is a top or plan view showing the bracket in position. Fig. 2 is a view in side elevation of the bracket and lamp, with parts  
25 broken away to show construction. Fig. 3 is a view in rear elevation, on enlarged scale, of a modified form of the anchor-plate and end of the bracket. Fig. 4 is a view in central vertical section of the same.

30 In the accompanying drawings the letter *a* denotes a piano or like article of furniture, and *b* an anchor-plate or socket-piece having a base *b'* and parallel arms *b<sup>2</sup>*, extending at substantially right angles to the base-plate.  
35 This socket-piece is provided with holes through which screws may be driven to attach the anchor-plate to the upright surface of the back of the piano.

40 Each of the arms *b<sup>2</sup>* is perforated for the reception of the rods *c c'*, forming the front section of the bracket. This front section is preferably made of a single piece of metal bent to U shape, with parallel sides located at a distance from each other equal to the distance between the arms of the anchor-plate, in  
45 the openings or sockets in which the branches of the U-shaped rod have a sliding fit. The outer section of the bracket is held in any desired position with reference to the anchor-plate and clamped there by means of a clamp-screw *d*, extending through the wall of one  
50 of the branches, fitting a threaded socket

therein and having its inner end thrusting against the surface of the rod. Other clamping means may obviously be employed for  
55 holding the outer section of the bracket in place. About midway of the outer section a rest *e* is provided, secured to the arms of the section and having on the under surface a facing of cloth, felt, or other suitable soft  
60 material which will not injure the finished surface on which it rests.

On the outer end of the bracket a fount-holder *f* is secured by means of a threaded stem on the one part fitting into a threaded  
65 socket on the other part. This fount-holder is adapted to receive a fount *g*, which is provided with the usual burner, lamp, chimney, and shade.

70 This bracket is more particularly adapted for use on a piano, the anchor-plate being secured to the rear of the piano near the upper edge, with the branches extending forward and located at a proper level above the top of the piano to receive and hold the arms  
75 of the outer section of the bracket. By making the outer section in one piece having two parallel branches, the inner ends of which are held in the branches in the socket-piece, great lateral rigidity is given to the bracket  
80 and at the same time provision made for preventing any torsional twist. The rest *e* is firmly secured across these two arms of the outer section in such way as to form a brace which aids in giving rigidity to the struc-  
85 ture. The provision made for adjusting the outer section enables the lamp to be located in the proper position to throw the rays onto a book or piece of music placed on the music-rack in the usual position on the piano.  
90 When the lamp has been adjusted to the desired position with reference to the front of the piano, the outer section of the bracket is securely clamped in place by means of the clamp-screw *d*. This feature of lengthwise  
95 adjustability of the outer section is an important feature of the improvement, and the rigidity provided by the long socket-bearings in the branches of the anchor-plate and the cross-brace formed by the rest are additional  
100 features of improvement. The structure as a whole is light, strong, easily packed for storage, and adapted to the peculiar conditions required in a lamp-bracket for such use.



In the modified form of anchor-plate and bracket shown in Figs. 3 and 4 the base  $b^3$  of the anchor-plate is provided on its upper end with a threaded stud  $h$  for the reception of  
5 a nut  $i$ . In this form of the invention parallel arms  $b^4$  are removably secured to the anchor-plate, an opening being made in the yoke  $l$ . Interengaging lugs and recesses may  
10 be provided on the meeting surfaces of the anchor-plate and yoke to prevent swinging movement of the parts when engaged.

I claim as my invention—

1. In a lamp-bracket, in combination, an anchor-plate, tubular arms rigidly borne by  
15 the anchor-plate and projecting forward at an angle thereto, a U-shaped outer section with its ends fitting within said arms, means for supporting a lamp or the like at the outer

end of said section, and a pad located between the branches of the outer section and  
20 supported thereby.

2. In a lamp-bracket, in combination, an anchor-plate, tubular arms rigidly secured to but removable from the anchor-plate, said  
25 arms projecting forward at an angle to the plane of the plate, a U-shaped outer section with its ends fitting within said arms, means for supporting a lamp or the like at the outer  
end of said section, and a pad located between the branches of the outer section and  
30 supported thereby.

ELIJAH D. CASTELOW.

Witnesses:

ARTHUR B. JENKINS,  
HARRIS E. HART.