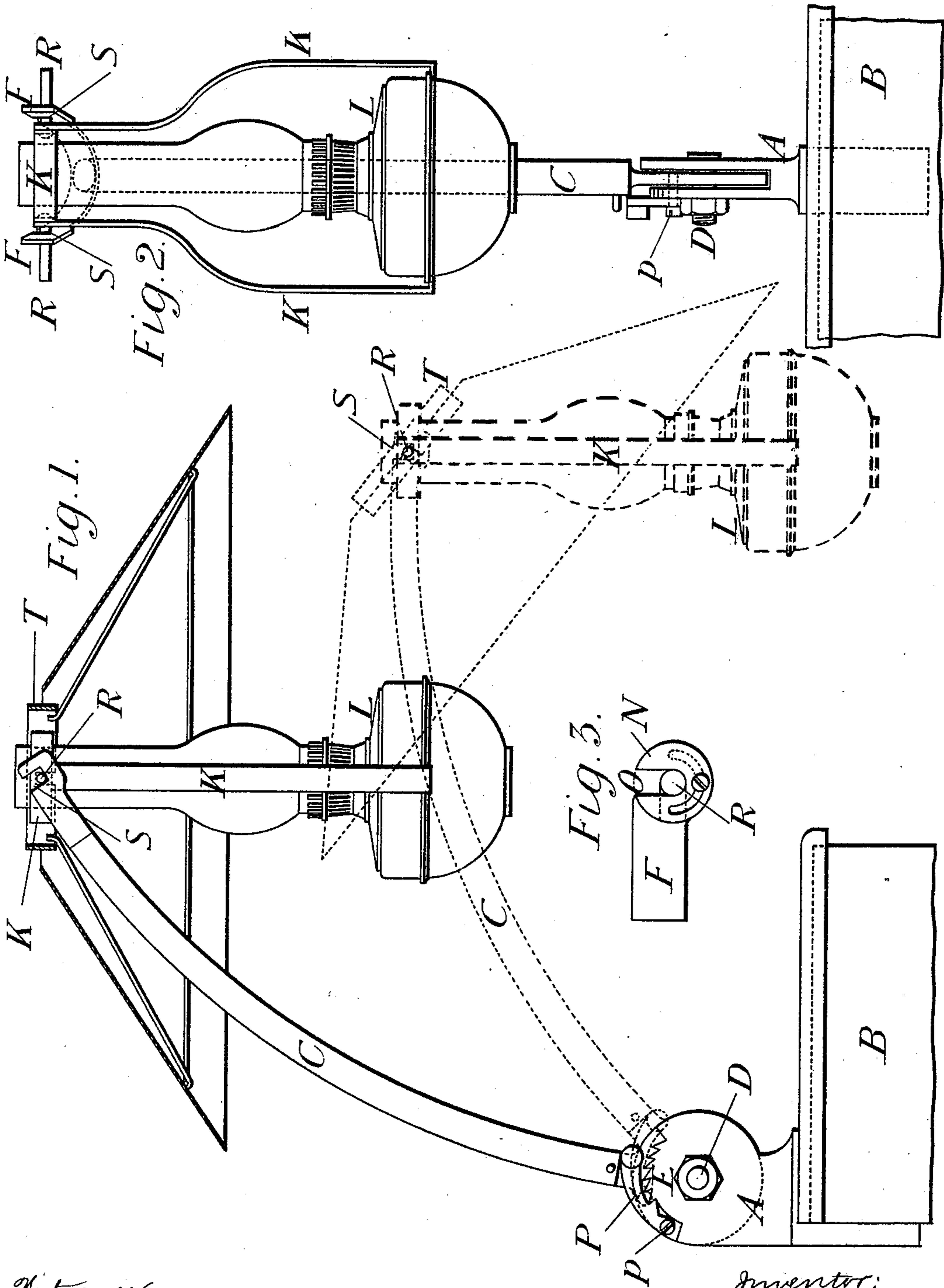


(No Model.)

J. R. HUGHES.  
SUPPORT FOR LIGHTS.

No. 522,116.

Patented June 26, 1894.



Witnesses:  
G. H. Rea.  
J. A. Saul.

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Atty

# UNITED STATES PATENT OFFICE.

JAMES R. HUGHES, OF LONDON, ENGLAND.

## SUPPORT FOR LIGHTS.

SPECIFICATION forming part of Letters Patent No. 522,116, dated June 26, 1894.

Application filed March 29, 1894. Serial No. 505,603. (No model.) Patented in England September 15, 1893, No. 17,397.

*To all whom it may concern:*

Be it known that I, JAMES RALEIGH HUGHES, a citizen of England, and a resident of 37 and 39 Drury Lane, in the city of London, England, have invented a certain new and useful Improved Support for Lights for Reading Purposes, (for which I have obtained Letters Patent in Great Britain, No. 17,397 of 1893, dated September 15,) of which the following is a specification.

My invention relates to an improved support of a light for reading purposes more particularly applicable for use on a pianoforte or organ which I will describe referring to the accompanying drawings.

Figure 1 represents a side elevation with the shade of the lamp in section; Fig. 2 a front elevation with the shade removed, and Fig. 3 is a detail view of the locking devices herein after explained.

In a slotted bracket A which is fixed to the back of a piano, organ or other suitable stand B. I mount a bent arm C on a pivot D. One side of this bracket is formed with ratchet teeth E and a pawl P is pivoted at p on the arm C which engages with the ratchet teeth E. By lifting the pawl P the arm C can be raised or lowered so as to assume various positions as indicated. The top end of the arm C is formed with a fork F provided with slots or hooks S from which is suspended a framing K by means of the pins R resting in the slots S and in this framing is supported the lamp L. The top ring of the frame T for the lamp shade is also made with slots so that the shade frame can be supported by resting on the pins R of the lamp framing which extend beyond the forks F. On lowering the arm the shade assumes an inclined position relatively to the lamp, owing to the upper ring T or one of the shade wires bearing against the arm C; as indicated by the dotted lines. It is advisable to lock the pins R in the slots S so as to prevent accidents that might occur on attempting to lift the arm C

by pushing up the lamp. This can be done in several ways, but I prefer to make the one limb of the fork F with a hole instead of a slot into which the one pin is inserted and the other limb with a slot into which the other pin can drop. This second arm is provided with a disk N as shown to an enlarged scale in Fig. 3 having a slot O corresponding to the slot S, which disk is capable of being turned partly round so that after the pin R has been placed in the slots O and S while in line with one another, the disk is turned partly round thus locking the pin R in position. It will be seen that when the lamp is suspended in its highest position it answers the purpose of an ordinary lamp for lighting a room but when the arm is lowered the lamp still assuming a vertical position is brought more directly over the music or other matter to be read while the shade assumes an inclined position in relation to the lamp so as to shade the light from the reader's eyes. Obviously a candle or electric lamp may be supported in the manner described.

Having thus described the nature of this invention and the best means I know for carrying the same into practical effect, I claim—

1. A support for a light, consisting of a bent arm having one end pivoted upon a fixed, horizontal axis, a pawl upon said arm adapted to engage a ratchet rigidly mounted upon the base supporting said axis, a framing pivotally suspended from the elevated end of the bent arm and adapted to sustain the lamp, said framing having a ring at its top provided with oppositely projecting pins resting in forked arms on the end of the bent arm, a lamp-shade frame having a top ring supported on said pins, and means for locking the pins on the ring of the lamp framing to prevent their disengagement from the forked arms, substantially as described.

2. The combination with a suitable base having a slotted bracket, of a bent arm pivotally supported on a horizontal pivot on said



bracket, a pawl pivoted on the arm and engaging ratchet teeth on the bracket, a lamp-framing having a ring at its top provided with projecting pins lying in an opening in one and a  
5 slot in the other of two forked arms on the elevated end of the bent arm, and a disk having a slot adapted to register with the slot receiving one of said pins, said disk being adapted to turn on the forked arm to lock  
10 said pin, substantially as described.

In testimony whereof I have signed my name to this specification, in the presence of

two subscribing witnesses, this 16th day of March, A. D. 1894.

JAMES R. HUGHES.

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