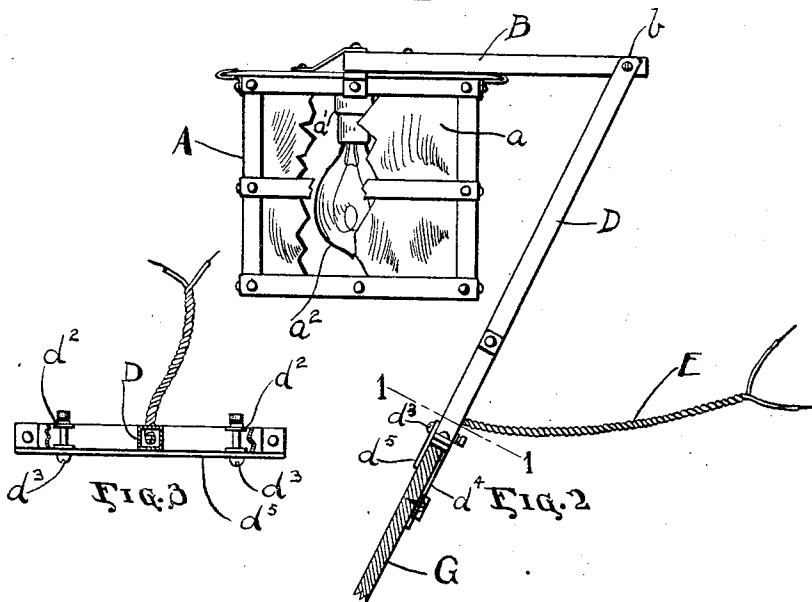
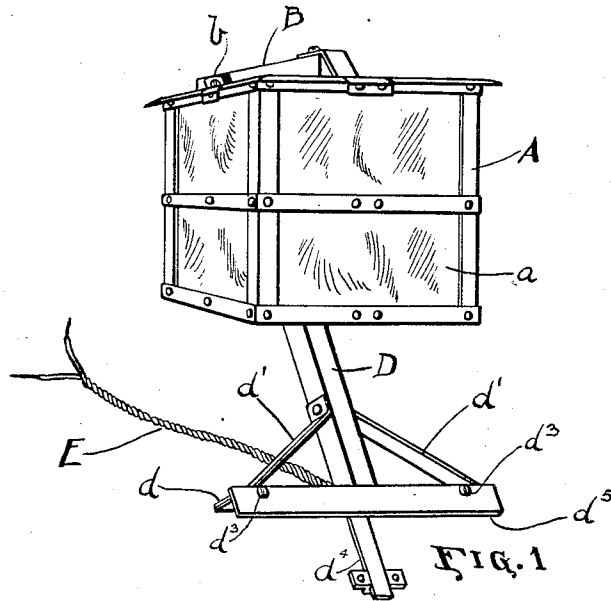


H. I. FISHER.
PIANO LAMP.
APPLICATION FILED OCT. 13, 1909.

1,042,099.

Patented Oct. 22, 1912.



WITNESSES

W. Thornton Bogert
B. P. Croff

INVENTOR

HENRY IRVING FISHER

By Walter H. Murray
ATTORNEY

UNITED STATES PATENT OFFICE.

HENRY IRVING FISHER, OF CINCINNATI, OHIO.

PIANO-LAMP.

1,042,099.

Specification of Letters Patent.

Patented Oct. 22, 1912.

Application filed October 13, 1909. Serial No. 522,415.

To all whom it may concern:

Be it known that I, HENRY IRVING FISHER, a citizen of the United States of America, and resident of Cincinnati, Hamilton county, State of Ohio, have invented certain new and useful Improvements in Piano-Lamps, of which the following is a specification.

The object of my invention is a piano lamp, which may be mounted upon the music rack, especially the rack of a grand piano.

Figure 1 is an isometric view of the lamp. Fig. 2 is a side elevation of the lamp, showing it clamped to the music rack of the piano, a portion of the lamp being broken away, to show the interior. Fig. 3 is a sectional view, taken on line 1—1, Fig. 2.

The frame or body of the lamp is constructed of a hammered copper or brass frame A, which supports art glass panes (a), and has within it a socket (a'), in which is fastened an electric light (a^2). Fastened to the top of the lamp is an arm, B. This arm is hinged to the column, D, at (b). The end of the arm, B, passes between the bifurcated upper end of the column, D, and the hinge is made stiff in its action. The rear of the column is projected down to form an arm (d^1); to the lower end of the column is secured a horizontal plate (d), which is braced by means of brace rods (d'): Plate (d) has secured to its brackets (d^2), the arms of which are perforated to pass screws (d^3), by means of which a vertical plate (d^5) may be adjusted toward and from the arm (d^1). Thus the plate (d), the arm (d^1), the plate (d^5), the brackets (d^2) and the screws (d^3) form a clamp for engaging the music rack, G, of a piano. For use with racks, the upper bar of which is curved, a curved plate may be used in place of the plate (d) of the clamp.

A feature of importance in this construction is that it may be adjusted, so that the weight of the lamp is balanced. This is done by adjusting the arm, B, so as to bring the center of gravity over the point where

the clamp engages the rack, G. When so adjusted, the lamp puts no torsion upon the rack, G, which, therefore, does not become injured by the lamp. Column, D, and arm, B, are hollow, and through them the electric wires, E, are led to the lamp (a^2).

What I claim is:

1. A device for mounting piano lamps upon an inclined music rack, comprising, a standard, a transversely extending bar secured to the standard for engaging the upper end of the rack, means for clamping the bar to the rack and a lamp-supporting arm pivotally mounted on the upper end of the standard and of such length that the center of gravity of the lamp and the device falls over the upper edge of the rack.

2. In a device for mounting a piano lamp upon an inclined rack the combination of a standard, an arm pivoted at the upper end of the standard, a lamp secured at one end of the arm, a bar secured to the lower end of the standard and adapted to rest upon the top of the music rack, a rear arm projecting down from the standard and adapted to contact with the rear face of the rack, a horizontal plate in front of the standard and adapted to contact with the front face of the rack, and means of adjusting the horizontal plate toward and from the rear arm so as to clamp the rack between said plate and arm.

3. A device for mounting lamps on inclined music racks of pianos, comprising a standard, a lamp-supporting arm pivotally mounted on the standard, a transversely extending bar secured to the standard for engaging the upper edge of the rack, a downwardly projecting arm secured to the standard for engaging the rear face of the rack and a front plate mounted on the standard and adjustable toward and away from said downwardly projecting arm.

HENRY IRVING FISHER.

Witnesses:

R. CARTER PIERCE,
JAMES J. ETCHINGHAM.