

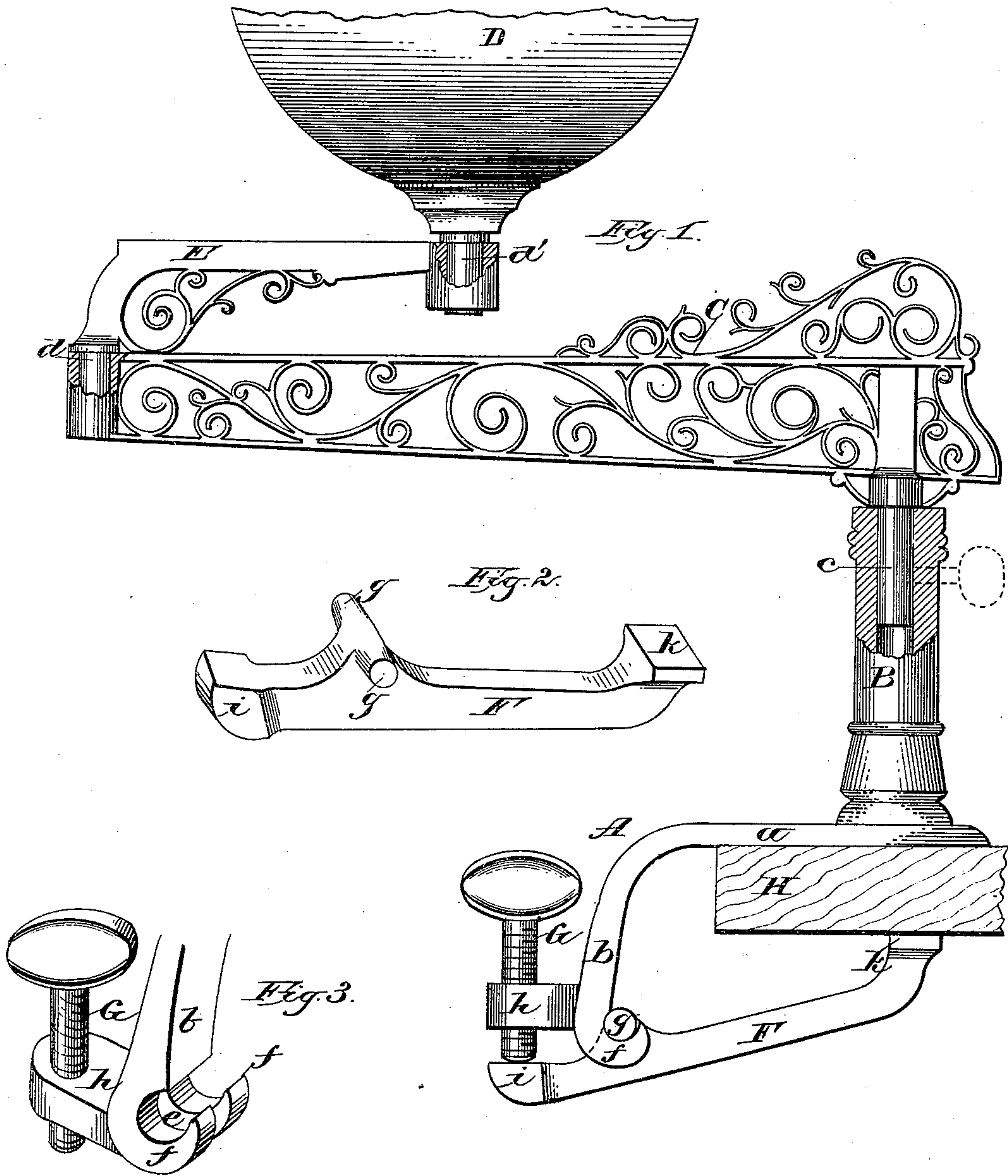
(No Model.)

H. J. MEUNIER.

CLAMP FOR LAMP BRACKETS, &c.

No. 353,956.

Patented Dec. 7, 1886.



Witnesses:

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HERMAN J. MEUNIER, OF MILWAUKEE, WISCONSIN.

CLAMP FOR LAMP-BRACKETS, &c.

SPECIFICATION forming part of Letters Patent No. 353,956, dated December 7, 1886.

Application filed February 6, 1886. Serial No. 190,985. (No model.)

To all whom it may concern:

Be it known that I, HERMAN J. MEUNIER, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Clamps for Lamp-Brackets, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to clamps for adjustable lamp-brackets, music-racks, book-supports, &c.; and it consists in certain peculiarities of construction, as will be hereinafter described with reference to the accompanying drawings, in which—

Figure 1 represents a side elevation of my device in operative position and supporting an adjustable lamp-bracket; Fig. 2, a detail view of the adjustable lever-arm, and Fig. 3 a similar view of the fulcrum and means for retaining the lever-arm in its adjusted position.

Referring by letter to the drawings, A represents the stationary portion of my clamp, having a horizontal base, *a*, and vertically-depending arm *b*. Formed integral with and extending in an upward direction from the horizontal base *a* is a hollow standard, B, that is adapted to receive the vertical pintle *c* of a lamp-bracket, C; and this bracket may consist either of a single arm or series of arms pivotally united, as shown at *d*, so as to be variously adjusted, the lamp D being suitably united to the outermost arm, E, as by pintle *d'*.

Though I have described a lamp-bracket in connection with my clamp, it is obvious that said clamp may be employed to support other brackets or appurtenances—such, for example, as the vertical rod of a portable music-rack, student-lamp, or other fixture—and in some instances I may omit the hollow standard B and utilize the remaining portion of the clamp for ordinary purposes of attachment.

As shown by dotted lines, Fig. 1, a set-screw may be employed to rigidly secure the pintle *c*, or its equivalent, when in position with relation to the hollow standard B, should such construction be found desirable.

The vertically-depending arm *b* of the stationary portion A of my clamp is bifurcated, as shown at *e*, to receive a lever-arm, F, and is provided with bearings *f* for the trunnions *g* of said lever-arm. The said depending arm *b* of the part A is also provided with a hori-

zontal lug, *h*, that forms a bearing for an adjusting screw, G, and the lever-arm F has its outer and inner ends laterally extended to form bearing-faces *i* *k*.

When my clamp is in position upon a tabletop or other support, H, the horizontal base *a* of the stationary part A rests against one side of such support, and by operating the screw G down against the bearing-face *i* of the lever-arm F the outer end of said lever-arm is depressed, thus elevating the inner end and bringing the bearing-face *k* of said lever-arm tightly against the other side of the support. To remove the clamp the action of the screw G is reversed, when the lever-arm F will, by its own gravity, fall away from the side of the support against which it may have been in contact. The lug *h* on the vertically-depending arm *b* of the stationary portion A of the clamp not only serves as a bearing for the screw G, but also acts to limit the downward movement of the lever-arm F when removing the clamp.

By the construction above described I provide a simple, easily-manufactured clamp adapted to various uses, and one which can readily be secured to or removed from any suitable support.

I am aware that a clamp consisting of a vertical part having hinged thereto a lever-arm, and the latter provided with a bearing in which operates a screw designed to impinge against said vertical part, has been employed. I am also aware of a clamp that has an adjustable arm provided with a bearing to engage a serrated beam, and a set-screw designed to impinge against said beam; but I do not wish to be understood as broadly claiming such construction.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A clamp consisting of a stationary portion adapted to support a lamp-bracket or analogous fixture, and having a vertically-depending arm provided with a horizontal outwardly-extended lug, a lever fulcrumed to the depending arm, and an adjusting-screw operative in the lug upon said arm and designed to impinge against the lever, as set forth.

2. A clamp consisting of a stationary portion adapted to support a lamp-bracket or analogous fixture, and having a vertically-depend-

ing bifurcated arm provided with a horizontal outwardly-extended lug and suitable bearings, a lever having trunnions adapted to rest in said bearings, and an adjusting-screw operative in the lug to impinge against the adjacent end of the lever, as set forth.

3. A clamp consisting of a stationary portion having a horizontal base integral with an upwardly-extended hollow standard, and a vertically-depending bifurcated arm provided at its lower end with a horizontal outwardly-extended lug and suitable bearings, in combination with a lever having trunnions fulcrumed

in said bearings and its outer and inner ends laterally extended to form bearing-faces, and an adjusting-screw operative in the lug on said stationary part to impinge against the outer end of the lever, as set forth. 15

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses. 20

HERMAN J. MEUNIER.

Witnesses:

H. G. UNDERWOOD,
N. E. OLIPHANT.