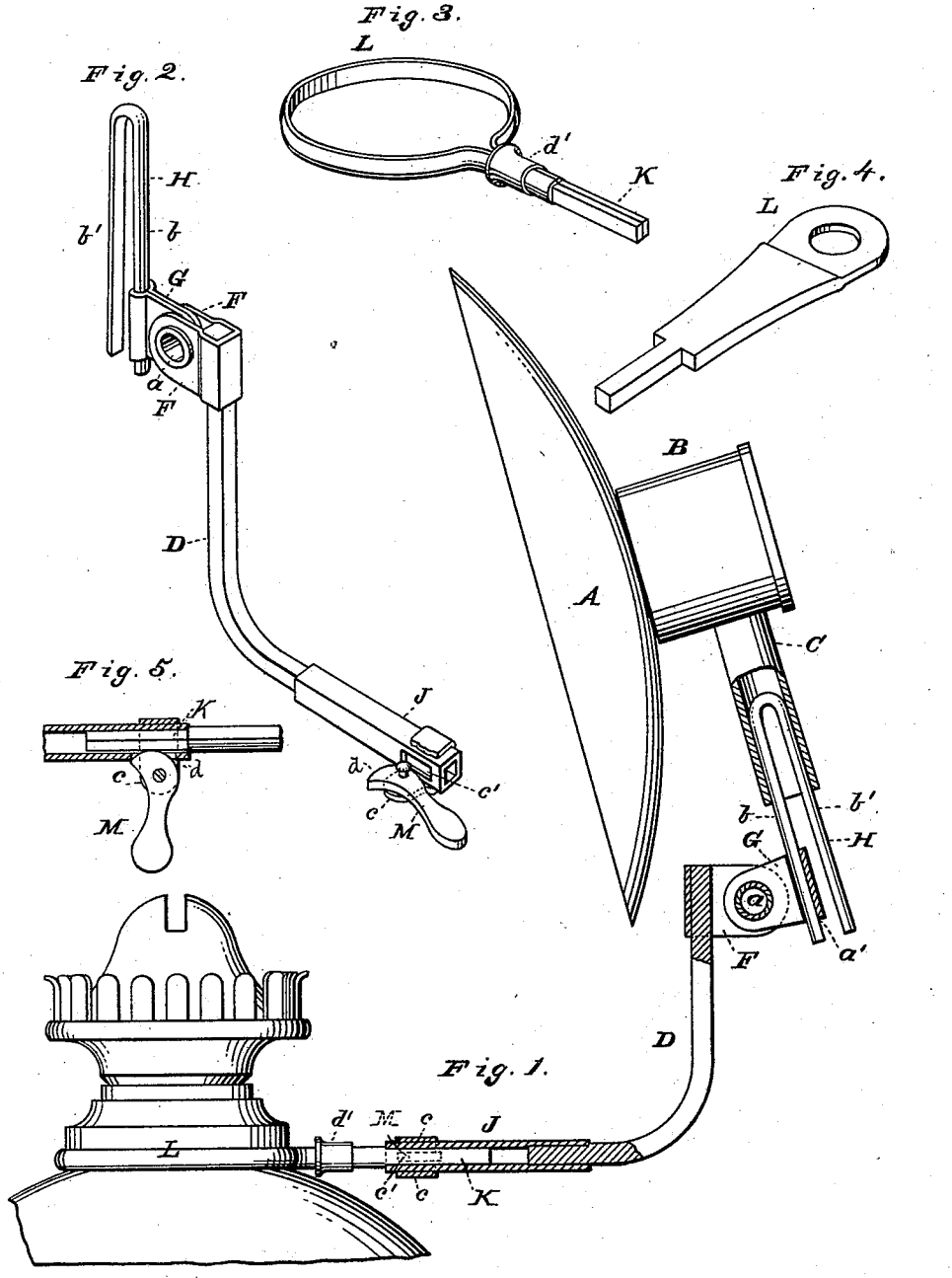
(No Model.)

H. M. GUILD.

REFLECTOR BRACKET.

No. 395,972. Patented Jan. 8, 1889.



WITNESSES.

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UNITED STATES PATENT OFFICE.

HENRY M. GUILD, OF PITTSBURG, PENNSYLVANIA.

REFLECTOR-BRACKET.

SPECIFICATION forming part of Letters Patent No. 395,972, dated January 8, 1889.

Application filed February 1, 1888. Serial No. 262,613. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. GUILD, a citizen of the United States, a resident of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Reflector-Brackets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of the device, partially in section, secured to a lamp. Fig. 2 is a perspective of the arm and attachments. Fig. 3 shows the collar. Fig. 4 is an attachment for gas-fixtures. Fig. 5 is a detail showing cam-lever.

The object of this invention is to provide a simple and convenient device for holding reflectors upon lamps; and it consists in the construction and novel combination of parts, as hereinafter set forth.

Referring to the drawings, the letter A designates a reflector having at its back the boss B, provided with the downwardly-extending tubular arm C.

D is a holder-arm having the upwardly-turned outer end provided with the broad bearing-plates F. A lug, G, is pivoted between the bearing-plates. The bearing-plates and the lug G are made quite broad, so that the adjusted position will be secured by frictional purchase, and I prefer to use a tubular rivet, *a*, as shown. The lug G is preferably made of sheet metal, forming at its outer end the socket *a'* for one arm of the spring-pintle H.

The spring-pintle H consists of the downwardly-turned arms *b b'*, rounded on their exterior surface, as shown, and the tubular arm of the reflector is retained in place on the pintle by the frictional pressure of its arms.

It will be observed that the reflector may be turned in any desired position, the tension of the bearing parts being great enough to hold it as adjusted.

The inner section of the arm D is provided with a square or angular socket, J, within which the squared or angular tang K of the collar L is adjustable, and as a fastening device I provide the cam-lever M, fulcrumed in the bearings *c* on the socket J. A slot-opening, *c'*, is provided in the socket J, through which the rounded head *d* of the cam-lever passes and impinges upon the tang K.

The collar L is designed to fit around the neck-fixture of a lamp; and it consists of one piece of metal bent to form the collar portion and having its ends turned outwardly, as shown, to form the tang K. A sleeve, *d'*, holds the ends together when the arm D is removed.

Should it be desired to apply the device to a gas-fixture, a collar, L, may be adapted to the proper size. A thumb-screw fastening may be used instead of the cam-lever described.

With the device described, the reflector may be turned from side to side, up or down, in adjusting it to reflect the light in any desired direction.

When not in use it may be removed from the holder-arm, or the holder-arm may be removed from the collar-tang. It is preferable, however, to allow the collar to remain in engagement with the neck-fixture of the lamp; but it may be readily taken off, if desired.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. In a reflector-bracket for lamps, the combination, with the collar L, of the curved holder having the broad bearing-plates F thereon, the lug G, having the socket *a'*, the tubular rivet *a*, the spring-pintle H, having the downwardly-turned arms rounded on their exterior surface, one of said arms engaged in the socket *a'*, and the reflector having the tubular leg engaging said pintle, substantially as specified.

2. In a reflector-bracket for lamps, the combination, with the collar having the tang square in cross-section, of the curved arm having at one end the square or angular socket having a slot, *c*, and having the broad

bearing-plates F at the other end, the cam-lever fulcrumed in the bearings on the socket, the sheet-metal lug G, having the socket a', the tubular rivet a, the spring-pintle having its arms rounded on the exterior surface, and the reflector having the tubular leg engaging said pintle, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY M. GUILD.

Witnesses:
JOS. F. SHERER,
JOHN E. WATTS.