

UNITED STATES PATENT OFFICE.

CONRAD SCHILLING, OF PEKIN, ILLINOIS.

REFLECTOR.

SPECIFICATION forming part of Letters Patent No. 261,768, dated July 25, 1882,

Application filed June 5, 1882. (No model.)

To all whom it may concern:

Be it known that I, CONRAD SCHILLING, of Pekin, in the county of Tazewell and State of Illinois, have invented certain new and useful Improvements in Reflectors; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved reflector; and Fig. 2 is a cross-section of the same, illustrating its application.

Similar letters of reference indicate corresponding parts in both the figures.

My invention has relation to reflectors for household purposes, adapted to be used with lamps or candles; and it consists in the detailed construction and combination of parts of an inexpensive and yet efficient reflector, as hereinafter more fully described.

In the accompanying drawings, A is the reflector-frame, which is of wood or other suitable material, concave on the inside, and mounted centrally upon a circular disk or base, B. Within the concavity of the frame (the rim or circumference of which is polygonal or many-sided) is placed the reflector-mirrors C, which may be of polished metal or of glass lined with quicksilver, in the manner of an ordinary mirror. These mirrors are of triangular shape, impinging one upon another, and are held in place in the frame by a rim or bead, a, which overlaps the base or broad outer rim of the mirrors, and by a central ornamental knob or button, D, the under side of which is conical, with slightly-concaved sides d, so as to fit closely up against the converging inner ends of the mirrors, a rubber washer, E, being placed under it, which should be of somewhat smaller diameter than the button itself to per-

mit of its expanding on tightening up the latter without projecting out over the rim of the button. The latter, with its washer, is held in place by a screw, F, inserted through the center of the circular disk or back B. In this manner it will be seen that while the reflector-mirrors are held firmly in place within the frame, yet any one or all of them may readily be removed by unscrewing the screw F and removing the clamping-button D, with its washer. The circular back B is hinged at b to a piece of board or a bracket, G, which is fastened to the wall, or to any other suitable support, by screws s s. Opposite the hinge b is a leather strap, H, having a series of holes, h h, for fastening its free end upon a small hook, I, that is inserted into the board or bracket G. By means of this strap the angle of the mirror or reflector may readily be adjusted.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The reflector herein shown and described, consisting of the polygonal concave frame A, having the rim a and central circular back, B, reflector-mirrors C, conical clamping-button D, elastic washer E, and screw F, constructed and combined substantially as set forth.

2. The combination of the bracket or support G, having hook I, and reflector A B C D E F, hinged to the lower end of said support, and provided with the perforated strap H, substantially as and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

CONRAD SCHILLING.

Witnesses:

J. LUCAS,
HENRY LAUTZ.