To all whom it may concern:

Be it known that I, CLAUDE L. MATTHEWS, a citizen of the United States, residing at the city of St. Louis and State of Missouri, have invented a certain new and useful Improvement in Locks for Lamp-Guards, of which the following is a full, clear, and exact description, 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, forming part of this specification, in which—

Figure 1 is a side elevational view of a lamp guard provided with my improved lock.

Fig. 2 is an enlarged horizontal sectional view through the lock, and

Fig. 3 is a vertical sectional view through the lock.

This invention relates to a new and useful improvement in locks for lamp guards for electric lamps, the object being to lock the hinged bottom portion in position so that it cannot be opened and the lamp removed unless by some authorized person having a proper key. In this way theft of the lamp is prevented. The present invention is designed particularly as an improvement upon the patent granted to W. N. Matthews July 30, 11, 1911, No. 997,460, in which the bottom portion is hinged at one side to the bottom ring wire and a hook provided at the opposite side which is sprung over the bottom ring wire when the hinged bottom portion is secured in place.

In the drawings, I have illustrated a lamp guard of well known construction, of which 1 indicates the vertical or longitudinally disposed wires, 2 the bottom ring wire and 3 the hinged bottom wires, having a hook or loop 4, which bottom wires, as usual, are hinged on the bottom ring wire at two points at one side thereof, the hook being sprung over, or welded over, the bottom ring wire at the opposite side thereof.

5 indicates a lock casing preferably composed of two plates so formed, as shown in Fig. 2, as to embrace two of the wires 1. These plates are located near the bottom ring wire and one of them is provided with a hollow boss opposite which is a threaded opening. 6 indicates a screw threaded into the opening just referred to and which projects into the hollow boss, the outer end of the screw being non-circular in cross section. 55

In operation the hinged bottom wire, when moved into position under the lamp, has its hooked portion projecting into the space between the lock plates so that the opening in the loop of the hook registers with the threaded opening and the opening in the hollow boss. The screw is then arranged in position and turned down by some suitable key until its outer end is preferably located within the plane of the outer edge of the hollow boss. To open the guard, i. e. to release the hook, it is necessary for a person to have a key fitting the head of the screw to remove it.

What I claim is:

A lamp guard composed of wires having an opening in its bottom for the introduction and removal of the lamp to and from position, a hinged bottom portion having said opening, said hinged portion having an eyed extension at its free edge, a lock composed of plates, one of which is bent around adjacent wires of the lamp guard and also over its companion plate, thereby providing a space between said plates in which the eyed extension of the hinged portion is received when said hinged portion is closed, and a removable threaded locking bolt having a non-circular outer end by which the same may be operated, said locking bolt being designed to engage said plates and by passing through the eyed extension of the hinged portion lock said hinged portion in position.

In testimony whereof I hereunto affix my signature this 31st day of March, 1919.

CLAUDE L. MATTHEWS.