To all whom it may concern:

Be it known that I, WILLIAM C. HOMAN, a citizen of the United States, residing at Meriden, county of New Haven, Connecticut, have invented certain new and useful Improvements in Gas-Burner Regulators, of which the following is a full, clear, and exact description.

My invention relates to improvements in burners for incandescent lights.

The object is to provide a simple and effective means for regulating the gas-supply, whereby the proper mixture of gas and air may be secured.

In the drawings I have shown only so much of the burner as may be required to illustrate my invention, it being understood that the usual fixtures (not shown) may be combined with those shown to make up the complete apparatus commonly found in a burner of the incandescent or so-called "Weisbach" type.

Figure 1 is a side elevation of a burner-tube with certain parts shown in section.

Fig. 2 is a similar view of the burner-tube, taken in a plane at right angles to that shown in Fig. 1. Fig. 3 is a detached view of the wind-guard. Fig. 4 is a detached view of the under side of the operating member of the regulating device. Fig. 5 is an elevation of the upper end of the gas- nipple with the gas-regulating device shown in section. Fig. 6 is a detail view of the operating member for the gas-regulating device.

A is a burner-tube having air-ports B B in the side thereof. D is a guard mounted upon the burner-tube A and held against rotation thereon by suitable means—for example, one or more splines A', taking into corresponding keyways D' in the guard D.

E is the operating member for the gas-regulating device, the same being preferably of the form of a washer-like plate having a hub E revolubly mounted on the base of the burner-tube A. This operating member E is preferably extended beyond the edge of the guard D, and the edge may be rolled up to prevent cutting the fingers.

F is a gas-supply nipple having a tapered central pin-like projection G.

H is the regulating device, the same being centrally pierced to afford clearance for the pin-like projection G, with which it cooperates. Said cap is slidable upon the cylin-