erative to inoperative position, and vice versa. There will be no movement of a screen until knob 42 is rotated. When rotation of a knob 42 occurs, the corresponding screen will be moved to the desired point and held there until the operator again moves the knob.

It is sometimes desired to control screens of the same color simultaneously on a number of lights. This is easily accomplished in the present system by simply extending wires 44 and connecting motors thereto. Fig. 6 shows motors 30A and 30B of second and third lights connected by wires 46A and 46B to lines 44, and by wires 52A and 52B to the supply lines 50.

In order to give the operator a visual indication as to the positions of the screens there is a colored light 60 at each generator 40, of the same color as the screen or screens controlled by that generator. When any generator is rotated to place a screen in operative position, a cam 62 fast on the protruding shaft of the generator closes the adjacent switch 64 to light the corresponding colored lamp 60 and to hold it lighted until the generator and screen are returned to their normal positions.

It is to be understood that the invention is not limited to the specific construction and embodiment herein described but may be used in other ways without departure from its spirit as defined by the following claims.

I claim—

1. In apparatus of the class described, in combination, a spot light, a screen having operable and inoperable positions relatively to said spot light, a manually rotatable generator remote from said light, and a motor operatively connected to said screen, said motor and generator being electrically interconnected so that rotation of said generator through any arc will cause said motor to rotate through a certain arc, whereby said screen may be moved between its operable and inoperable positions at the will of the operator.

2. The invention set forth in claim 1 in which means is provided operable automatically when said generator is rotated for indicating to the operator the position of the screen.

3. In apparatus of the class described, in combination, a plurality of color screens at different locations and means for simultaneously controlling the positions of said screens, said means comprising a motor geared to each screen, and a manually rotatable generator remote from said motors, said generator and motors being electrically interconnected so that rotation of said generator will cause said motors to rotate, whereby said screens may be simultaneously moved at the will of the operator.

4. A color control apparatus for a spot light, comprising in combination a plurality of color screens movably mounted on said light, a plurality of motors mounted on said light, a plurality of concentric shafts each operatively connecting one of said motors to one of said screens whereby each of said screens may be moved by the motor associated with said screen, each of said motors being so electrically interconnected with a remote manually rotatable generator that rotation of any generator will cause rotation of the motor interconnected therewith whereby the screen geared to that motor may be moved at the will of the operator.

5. In combination, a spot light for color control apparatus, a plurality of color screens, a motor for each color screen connected thereto to move the same from operative to inoperative position, a plurality of generators, electrical connections between the armatures of said motors and generators, and a source of current connected in parallel to the fields of said motors and generators whereby upon rotation of the generator armature a substantially corresponding rotation of the associated motor armature is obtained.

6. In combination, a spot light for color control apparatus, a plurality of color screens, a motor for each color screen connected thereto to move the same from operative to inoperative position, a plurality of generators, electrical connections between the armatures of said motors and generators, a source of current connected in parallel to the fields of said motors and generators whereby upon rotation of the generator armature a substantially corresponding rotation of the associated motor armature is obtained, and means operated in the rotation of the generator armature for indicating the position of the screen connected with the associated motor.

7. In combination, a spot light for color control apparatus, a plurality of color screens, a motor for each color screen connected thereto to move the same from operative to inoperative position, a plurality of generators, electrical connections between the armatures of said motors and generators, a source of current connected in parallel to the fields of said motors and generators whereby upon rotation of the generator armature a substantially corresponding rotation of the associated motor armature is obtained, and an indicating lamp arranged in parallel in the source of current and in series with a switch actuated in the rotation of the generator armature.

8. In apparatus of the class described in combination, a plurality of spot lights, a plurality of independently operated pivoted screens having operable and inoperable positions, manually rotatable members remote from said light, reversible electrical motors for driving the screens and electrical trans-