

- cluding a lamp carrier displaceable into open or closed position, positive-acting switching devices shiftable for opening or closing current supply circuits to the lamps, correspondingly operable
- 5 positive-acting switching devices shiftable for interrupting current supply to the motor on completion of drive of the latter in footlight-opening or footlight-closing direction, and common means for concurrently and positively shifting both the
- 10 first- and second-mentioned switching devices in accordance with displacement of the carrier into the open or closed position.
9. A disappearing footlight including a lamp carrier movable to closed or open position, a motor
- 15 for driving said carrier in one direction to close the footlights and in the opposite direction to open the footlights, switch operating means and cooperating switching means for the motor, arranged to condition motor circuits for subsequent
- 20 drive of the motor to close the footlights when the carrier reaches open position upon opening movement of the footlights and also to condition motor circuits for subsequent drive of the motor to open the footlights when the carrier reaches
- 25 closed position upon closing movement of the footlights, said switching means and cooperating means therefor including provisions for effecting a snap interruption of previously established motor circuits for terminating motor drive
- 30 of the footlights.
10. A disappearing footlight including a lamp carrier movable to closed or open position when the footlights are to be in closed or open condition, a bank of lamps carried by the carrier, a
- 35 motor for driving said carrier from open to closed position and from closed to open position, switching means and operating means therefor cooperatively associated with the carrier, said last two mentioned means including provisions for concurrently interrupting the lamp and motor circuits
- 40 when the carrier reaches closed position and for concurrently closing the lamp circuits and interrupting other motor circuits when the carrier reaches open position.
- 45 11. A disappearing footlight including a lamp carrier movable to closed or open position when the footlights are to be in closed or open condition, a bank of lamps carried by the carrier, a motor for driving said carrier from open to closed
- 50 position and from closed to open position, switching means and operating means therefor cooperatively associated with the carrier, said last two mentioned means including provisions for concurrently interrupting the lamp and motor circuits
- 55 when the carrier reaches closed position and for concurrently closing the lamp circuits and interrupting other motor circuits when the carrier reaches open position, said switching means and the operating means therefor also including
- 60 provisions for conditioning motor circuits for subsequent drive of the motor in the reverse direction upon aforesaid interruption of the motor circuits and lamp circuits, and upon the aforesaid closing of the lamp circuits and interruption of the other motor circuits.
12. A disappearing footlight including a lamp carrier movable to closed or open position in a stage floor when the footlights are closed or open, a switching means for the footlight lamps with both contacts of said means carried by and bodily movable with the carrier, and switch operating means disposed independently of the carrier and wholly out of cooperation with the switching means carried by the carrier when the carrier is in intermediate position, and arranged for coaction with the switching means to operate the same when the carrier approaches open or closed position, for respectively closing or opening circuits to the footlight lamps.
13. A disappearing footlight including a lamp carrier movable to closed or open position in the stage floor when the footlights are closed or open, a switching means for the footlight lamps with both contacts therefor carried by the carrier and bodily movable therewith, switch operating means disposed independently of the carrier and wholly out of cooperation with the switching means carried by the carrier when the carrier is in intermediate position and arranged for coaction with the switching means to operate the same when the carrier approaches fully open or fully closed position, for respectively closing or opening circuits to the footlight lamps, said switching means including contact means cooperatively controlled by the operating means so that a quick opening movement of the switch contacts is effected which is irrespective of the rate of opening or closing movement of the carrier.
14. A disappearing footlight including a lamp carrier adapted to move to closed or open position, switching devices for controlling circuits to the footlight lamps, driving means including a motor for displacing the carrier from either of the aforesaid positions to the other, controlling means adapted to arrest the driving means, and means controlled by the position of the carrier for operating the switching devices to close circuits to the lamps when the carrier is in open position and to open said circuits when the carrier is in closed position and for operating the aforesaid controlling means on arrival of the carrier at either of said positions.
15. A disappearing footlight including a lamp carrier, switching devices for the footlight lamps for opening and closing circuits to said lamps, driving means including a motor for displacing said carrier to and from a predetermined position, controlling means adapted to arrest the driving means and to condition the latter for drive in a reversed direction only, and means for automatically operating both the switching devices and the controlling means when the carrier is in said predetermined position.

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