

## —New Products—

Further information concerning the material described below can be obtained by writing direct to the manufacturers. As in the case of technical papers, publication of these news items does not constitute endorsement of the manufacturer's statements nor of his products.

### New Filament Lamp

A 3000-watt incandescent lamp to compete with arc lamps for spotlighting stage shows has been developed by General Electric's Lamp Department at Nela Park, Ohio.

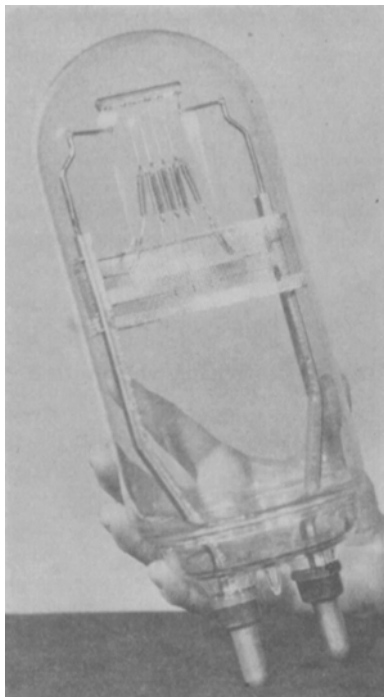
Producing an estimated 900,000 candle power in properly designed equipment, the new spotlight is intended primarily for lighting the stage from distances of 75 to 150 feet. It is seen by General Electric's illuminating engineers as suitable for outdoor theaters, sports arenas, auditoriums, itinerant spectacles, and other applications where the long-distance projection of an intense beam of light is required.

Because of its simplicity of operation in a well-constructed fixture, and because of its advantages over arc spotlights, the lamp is seen by lighting designers as permitting the application of professional stage-lighting techniques to retail store fashion shows and other demonstrations. It is expected to be used widely in television lighting.

The new lamp is tubular in shape, four inches in diameter and nearly a foot long. Of bipost construction, it is intended to be burned vertically in a base-up position. This causes blackening to occur outside of the pickup range of the reflector, thus contributing greatly to the prolonged efficiency of the lamp. It has a rated burning life of 100 hours.

The lamp's light output is not subject to variations common to arc lamps. Unlike arc lamps, the lamp

can be dimmed as desired. The current required is half that of a 70-ampere, direct-current arc, thereby permitting more light for the same wiring capacity. At a throw of 100



feet, it gives an average of 90 foot-candles of light for a spot six feet in diameter, an amount equal to the illumination from a 70-ampere arc. At wider spreads, it can produce greater illumination than even higher current arcs.

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The lamp is used in a special fixture which forms an accurately controlled beam and provides flexibility in beam pattern. The first equipment to be built for the lamp is the Dyna-Beam Klieglight, manufactured by Kliegl Brothers of New York City. Since the 3000-watt lamp employs standard voltages, and may be used on either alternating- or direct-current circuits, arc-lamp generating equipment is eliminated, and with no carbon adjustments to make, one man can handle several units.

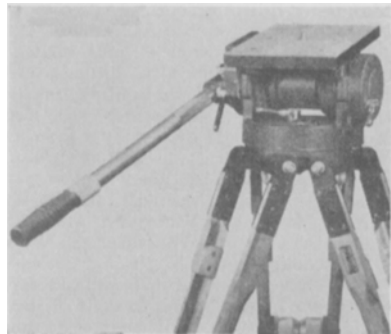
### **Balanced "TV" Tripod Head**

The Camera Equipment Company, 1600 Broadway, New York 19, New York, has announced a new balanced "TV" tripod head. This pan and tilt head meets the strict requirements of television technicians and is a distinctly new concept of pan and tilt action, whereby friction and gyro principles have been discarded.

Floating action is experienced with the balanced "TV" tripod head. Even in pans or tilts of slight degree, or pans of 360 degrees, extra smooth action is realized. The tilt is balanced to assist the television cameraman in the operation of his camera, which reduces to a minimum the amount of effort required to move the camera.

The balanced "TV" head relieves the operator from additional strain

and eliminates the possibility of accidents. If, because of neglect on the part of the operator, the head is left unlocked with the camera mounted, it cannot fall forward or backward. The pan handle is adjustable for the operators' comfort, with no play between the pan-handle mounting



bracket and the head. To adjust the position a simple locking lever is released, adjustment made, and lever repositioned. The pan handle is an adjustable telescoping type.

The weight and manufacture of the camera to be used must be known to achieve proper tension and accomplish floating action. A special "TV" size tripod base with reinforced shoes can be supplied for the head which can also be mounted on all standard professional-type tripod bases, perambulators, pedestals, and dollies.

Statement of the Ownership, Management, Circulation, Etc., Required by the Act of Congress of August 24, 1912, as Amended by the Acts of March 3, 1933, and July 2, 1946, of *Journal of the Society of Motion Picture Engineers*, published monthly at Easton, Pa., for October 1, 1949.

State of New York }  
County of New York } ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared Boyce Nemeč, who, having been duly sworn according to law, deposes and says that he is the Executive Secretary of the *Journal of the Society of Motion Picture Engineers* and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily, weekly, semiweekly, or triweekly newspaper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by the Acts of March 3, 1933, and July 2, 1946, embodied in section 537, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Name of—	Post Office Address—
Publisher, Society of Motion Picture Engineers, Inc.,	342 Madison Ave., New York 17, N. Y.
Editor, Helen M. Stote,	342 Madison Ave., New York 17, N. Y.
Managing Editor, None.	
Business Manager, Boyce Nemeč,	342 Madison Ave., New York 17, N. Y.

2. That the owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding one per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a firm, company, or other unincorporated concern, its name and address, as well as those of each individual member, must be given.) Society of Motion Picture Engineers, Inc., 342 Madison Ave., New York 17, N. Y. Earl I. Sponable, President, 460 W. 54 St., New York 19, N. Y. Robert M. Corbin, Secretary, 343 State St., Rochester 4, N. Y. Ralph B. Austrian, Treasurer, 25 W. 54 St., New York 19, N. Y.

No stockholders.

3. That the known bondholders, mortgagees, and other security holders owning or holding one per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.)  
None.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the twelve months preceding the date shown above is: (This information is required from daily, weekly, semiweekly, and triweekly newspapers only.)

BOYCE NEMEC, Exec. Secy., Business Manager.

Sworn to and subscribed before me this 19th day of September, 1949.

(Seal) Elisabeth J. Rubino  
Notary Public, Clerk's No. 41-3390800,  
Queens County.

(My commission expires March 30, 1951)