

Jan. 6. 1925.

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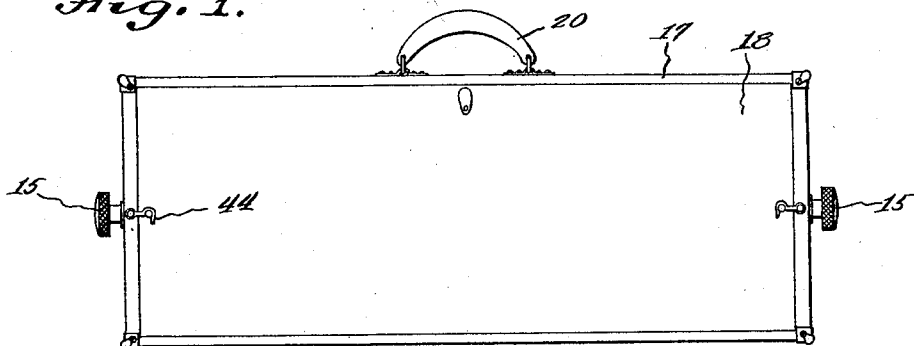
S. S. FINESILVER

LIGHTING OUTFIT FOR PHOTOGRAPHIC WORK

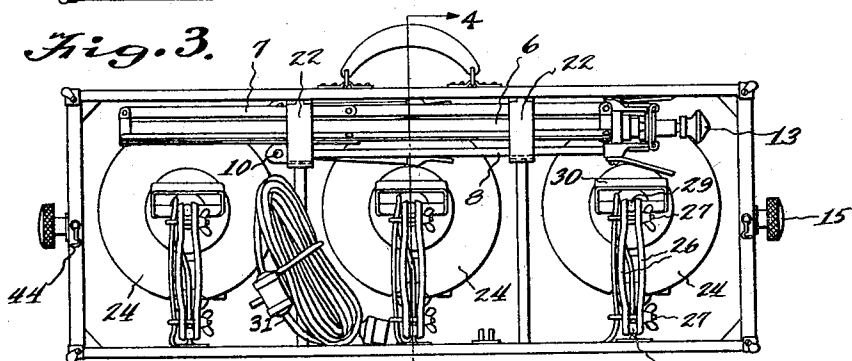
Filed July 27, 1923

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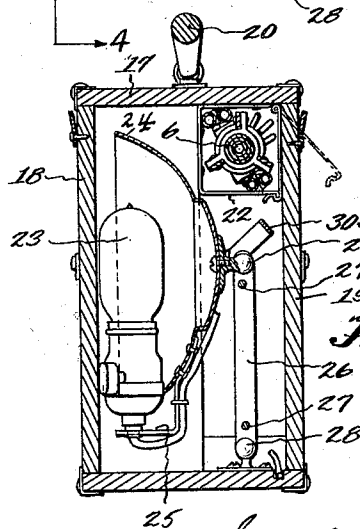
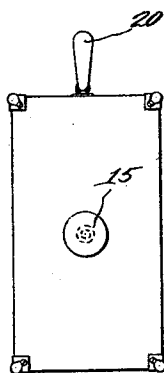
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



*Fig. 4.*

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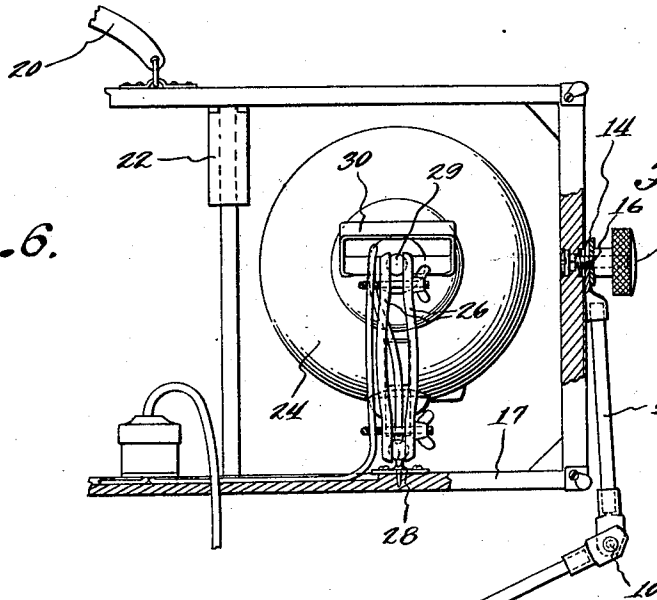
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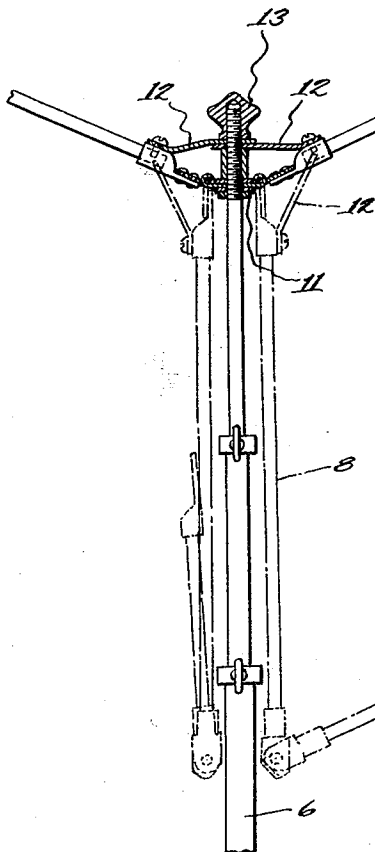
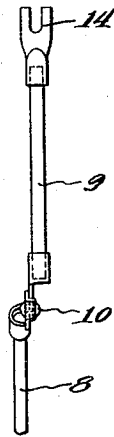
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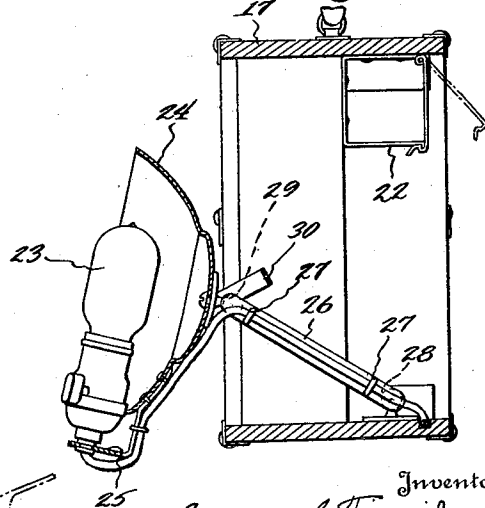
*Fig. 6.*



*Fig. 7.*



*Fig. 5.*



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## UNITED STATES PATENT OFFICE.

SAMUEL S. FINESILVER, OF CLEVELAND, OHIO.

LIGHTING OUTFIT FOR PHOTOGRAPHIC WORK.

Application filed July 27, 1923. Serial No. 654,144.

*To all whom it may concern:*

Be it known that I, SAMUEL S. FINESILVER, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Lighting Outfits for Photographic Work, of which the following is a specification.

This invention relates to lighting outfits particularly adapted and intended for photographic work, for the purpose of illuminating any object which is to be photographed. The device is portable and can be used in a house or other place where an electrical circuit is available.

The device includes a gang of lamps mounted on a stand and adjustable to direct the illumination to various angles or positions, and the device is foldable or collapsible so that it can be carried in a small space.

Various features of novelty will be apparent from the following description and the accompanying drawings in which Fig. 1 is a front view of a part of the cabinet. Fig. 2 is an end view thereof. Fig. 3 is an elevation of the cabinet with one side removed and showing the bracket and stand folded therein. Fig. 4 is a section on the line 4-4 of Fig. 3. Fig. 5 is a cross-section of the cabinet showing the adjustment of one of the lamps. Fig. 6 is a partial rear elevation, partly in section, of the outfit. Fig. 7 is a detail of one of the supporting arms of the stand.

The outfit may be supported by a tripod stand having a central column consisting of a telescopic section 6, which may be adjusted to any height desired, the lower section having folding legs 7. The upper section of the standard carries a pair of arms each of which consists of an inner section 8 and an outer section 9 connected by hinged elbow joint 10. The section 8 is pivoted to a sliding collar 11 with hinged braces 12 permitting the arms to be folded to parallelism with the standard, the arms being confined on the standard by a knob 13 screwed on the top thereof. The free ends of the outer arm sections 9 are forked as indicated at 14, to engage under a thumb nut 15 engaging a screw 16 one of which is fixed in each end of the casing.

This casing or box consists of a rectangular frame 17 with a removable back 19,

and the frame is provided with a handle 20 whereby the whole outfit may be carried when it is knocked down. The whole stand may be folded to small compass and placed within clips 22 in the upper part of the cabinet as shown in Fig. 4.

The lamps 23, of which three are shown mounted in the separate compartments in the casing, in front of reflectors 24, the lamp sockets being held by a bracket 25, which also supports the reflector. Each lighting unit, as thus described is separated by a swinging bracket consisting of a pair of plates 26 the opposite ends of which are clamped by screws 27 against a ball 28 and fixed to the bottom of the cabinet, and a ball 29 fixed to the rear of the reflector bracket. A handle 30 enables the light to be manipulated or adjusted, this action being permitted by the ball connection at 28 and 29, so that the lamps can be swung in and out and adjusted at various angles, as illustrated in Fig. 5. A copper cord connection 31 is provided for the lamps, and may be tapped into any house socket or the like. The pivotal connection at 16 between the cabinet and the supporting arms enables the cabinet as a whole to be turned in various directions, and it can also be rotated on the standard 6.

The invention is not limited to the particular structures shown, but may be modified in various ways.

I claim:

1. A portable lighting outfit comprising a casing adapted for hand carriage and containing a gang of lamps, the casing being openable to expose the lamps, and a supporting folding stand adapted to be folded and enclosed within the casing for transportation, said stand having a single supporting column and oppositely extending arms projecting therefrom, each arm having a jointed section at the outer end thereof, and means to detachably connect the ends of said jointed section to opposite ends of the casing, said means including pivots whereby the casing may be adjusted to various angles.

2. A portable lighting outfit comprising a casing, having an openable front, lamps and reflectors supporting the same, and adjustable brackets fixed to the bottom of the casing and supporting the reflectors and lamps, said brackets each comprising a ball

fixed to the bottom of the casing, another  
ball fixed to the back of a reflector, and  
clamping plates engaging the balls, said  
brackets being adjustable to swing the lamps  
5 into or out of the casing and also to set  
the lamps at various angles with respect to  
the casing.

In testimony whereof, I affix my signature  
in presence of two witnesses.

SAMUEL S. FINESILVER.

Witnesses:

JOHN A. BOMMARDT,  
G. MOSENBERG.