

April 1, 1941.

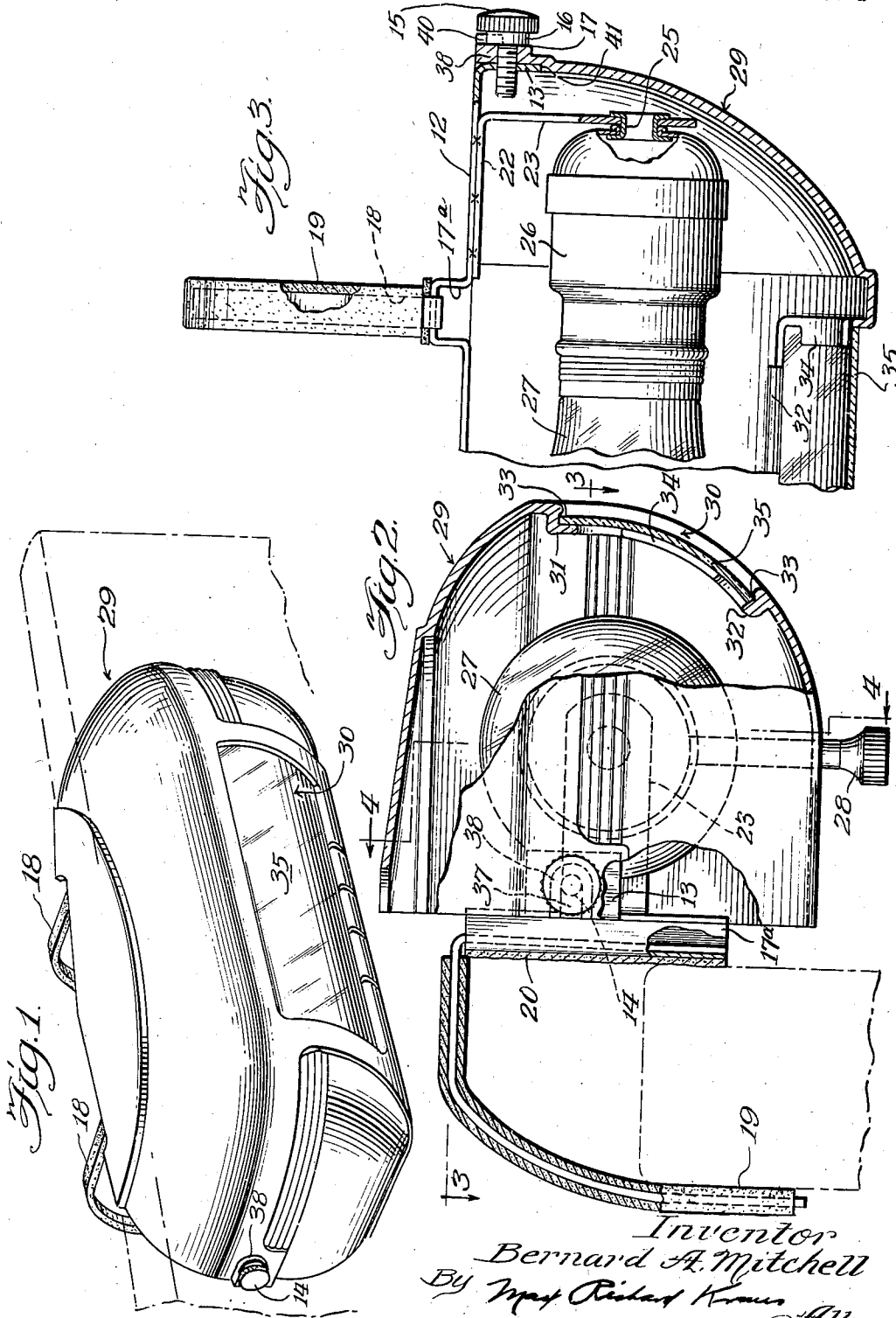
B. A. MITCHELL

2,236,778

BED LAMP

Filed April 18, 1940

2 Sheets-Sheet 1



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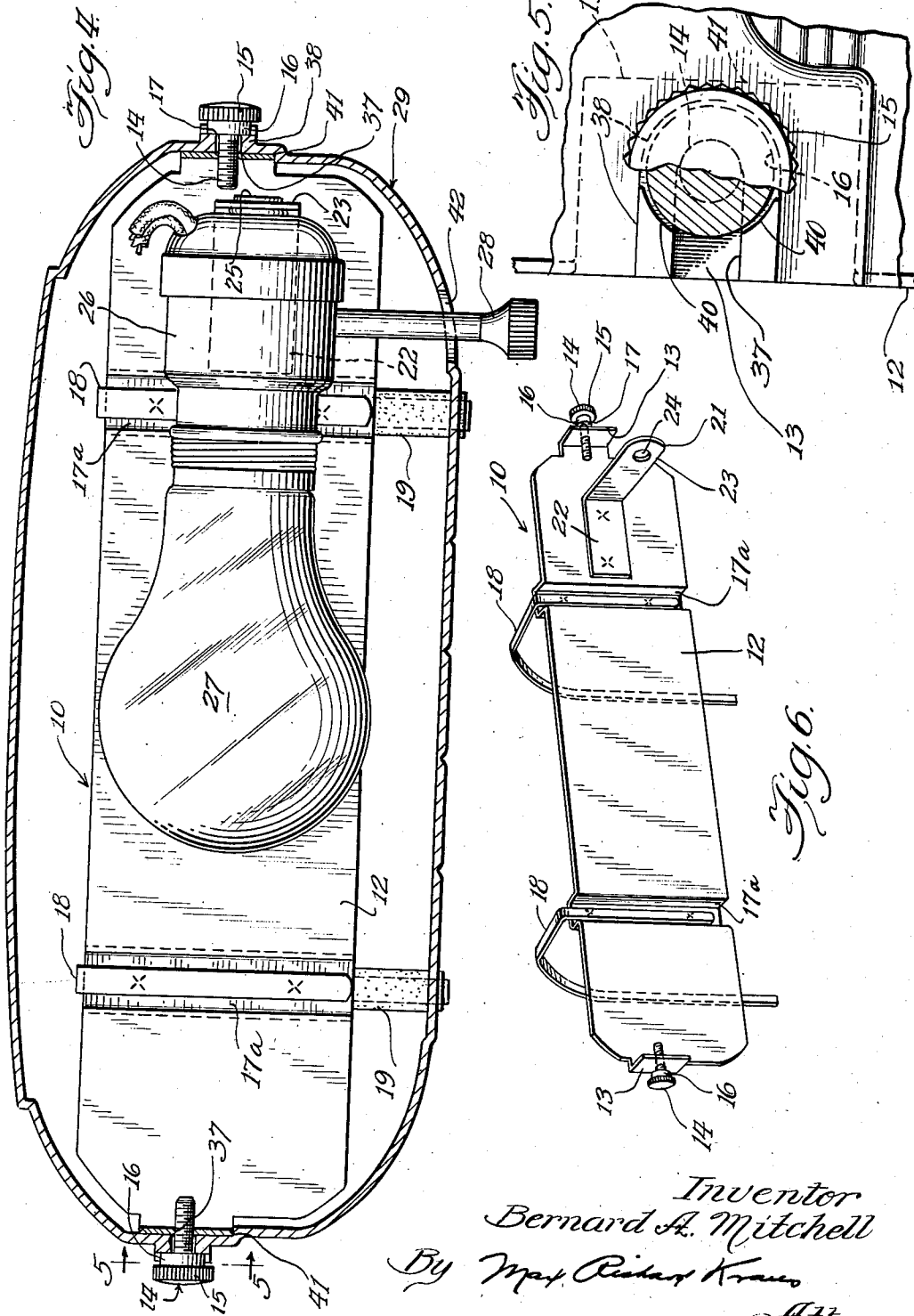
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BED LAMP

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,236,778

BED LAMP

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Application April 18, 1940, Serial No. 330,281

3 Claims. (Cl. 240—4)

This invention relates generally to improvements in lamps and more particularly to lamps of the type adapted to be suspended from bedsteads or the like.

One of the objects of this invention is the provision of a lamp of this type which directs the light in a manner most desirable for reading purposes.

Another object of this invention is the provision of a lamp of this type which is attractive in appearance, simple to manufacture and highly efficient in operation.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawings wherein

Fig. 1 is a perspective view of a bed lamp constructed in accordance with the present invention.

Fig. 2 is a vertical cross sectional view thereof. Fig. 3 is a cross sectional view taken on line 3—3 of Fig. 2.

Fig. 4 is a longitudinal cross sectional view taken on line 4—4 of Fig. 2.

Fig. 5 is an enlarged fragmentary end view with parts broken away, looking in the direction of line 5—5 of Fig. 4.

Fig. 6 is a perspective view of the back plate construction.

Referring to the drawings wherein is shown a preferred embodiment of my invention, the numeral 10 designates, generally, the lamp supporting structure which comprises an oblong plate member 12, provided at each end, thereof, with an ear 13 which is bent at right angles to the plane of said plate member. Each ear 13 is provided with a threaded aperture for receiving a screw 14, the said screw having a knurled head 15 and being provided with an enlarged portion 16 forming a shoulder 17 adjacent the threaded portion of the screw.

The plate 12 is formed to provide vertically extending channels 17a which add rigidity to the plate and also serve to receive the hook elements 18 which are suitably secured, as by welding, in the base of the channels 17a. The hook elements 18 are suitably shaped to engage a bed post or other article of furniture from which it is desired to suspend the lamp. A section of rubber tubing 19 or other suitable material is slipped over each hook element 18 and a strip of felt 20 is adhesively secured to the embossed surfaces formed by the channels 17a for the purpose of avoiding scratching or marring of the furniture

to which the lamp is applied and therefrom suspended.

An L-shaped bracket member 21 is secured to the plate 12 by one of its legs 22. The other leg 23 projects at right angles to the plane of said plate and has an aperture 24 for receiving a rivet 25, or other suitable means, for rigidly securing the head portion of a conventional electrical socket 26 to the bracket 21. The socket 26 receives a conventional filament lamp 27 and is provided with an extended switch actuating member 28 which is readily accessible for operating the socket switch. The plate member 12 may be plated on its inwardly directed surface, or it may be coated with suitable material to provide a desirable reflecting surface.

The housing or shade indicated, generally, by the numeral 29 is formed, preferably, of molded plastic material and is shaped substantially as shown, having a generally rounded contour. The housing 29 is open at the rear and has formed, in the forward wall, a window 30 through which the light passes from the interior of the housing. The upper and lower marginal edges of the window 30 are provided with integrally formed inwardly directed ledges 31 and 32 respectively, each having a recess 33 extending the full length thereof. The side marginal edges of the window 30 are each provided with an outwardly directed ledge 34 which conforms in contour to the front wall of the housing. A flexible translucent or transparent member 35, oblong in shape, is fitted in the window 30 and is supported in the recesses 33 and on the ledges 34. It will be seen in Fig. 2 that the member 35 when thus positioned assumes the rounded contour of the front wall of the housing.

The rear edge of the housing 29 is slotted at each side thereof, forming slots 37 extending in a horizontal plane. A U shaped boss 38 extends along the marginal edge of each slot 37, on the outer surface of the housing 29, the terminal portions of the legs of each boss 38 being of increased thickness to provide an arcuate shoulder 40. The housing 29 is recessed at the sides thereof, on the inner surface, as at 41, the recesses being alined with the slots 37 and serving to accommodate the ears 13 of the back plate 12. An aperture 42 is provided in the housing for receiving the switch actuating member 28 which passes therethrough.

In assembling the lamp, screws 14 are turned out sufficiently to clear the shoulders 40 of the enlarged terminal portions of the bosses 38, and the back plate 12 is applied to the housing 29,

the screws 14 entering the slots 37 and the ears 13 of the back plate being received in the recesses 41. The screws 14 are then tightened and, as will be seen, particularly in Fig. 5, the arcuate shoulders 40 formed on the bosses 38 abut the enlarged portions 16 of the screws and serve as stopping means for preventing the screws 14 from slipping out of the slot 37 and the consequent disengagement of the housing 29 from the back plate 12.

It is to be understood that the form of my invention, herewith shown and described, is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to, without departing from the spirit of my invention or the scope of the appended claims.

I claim:

1. A lamp of the character described comprising a housing having a window in the forward portion thereof and provided with a slot at each side, lighting means mounted in said housing, a back plate for said housing, said plate having forwardly directed ears each being provided with screw means engageable in said slots for detachably securing said housing to said plate, and means for suspending said lamp.

2. A lamp of the character described comprising a housing having a slot at each side thereof, an embossed portion forming a shoulder at the mouth of each slot, a back plate, said plate having forwardly directed ears each being provided with screw means engageable in said slots for detachably securing said housing to said plate, said screw means arranged to abut said shoulders for preventing disengagement of said housing from said back plate when same are in assembled relation.

3. A lamp of the character described comprising a housing open at the rear and provided with a window in the forward portion thereof, the said housing having a slot at each side thereof and an embossed portion forming a shoulder at the mouth of each slot along the marginal edges thereof, a back plate, said plate having forwardly directed ears, each being provided with screw means engageable in said slots for detachably securing said housing to said plate, said screw means arranged to abut said shoulders for preventing disengagement of said housing from said back plate when same are in assembled relation.

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