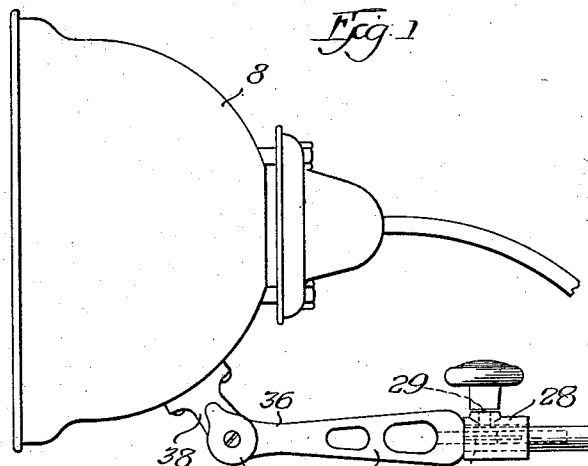
Aug. 26, 1930. N. E. GOODRICH 1,774,264

THERAPEUTIC LAMPSTAND

Filed Feb. 10, 1928

Fig. 1



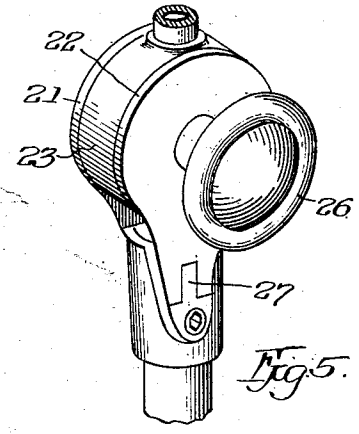
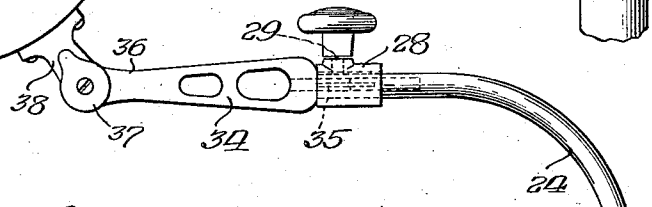


Fig. 5.



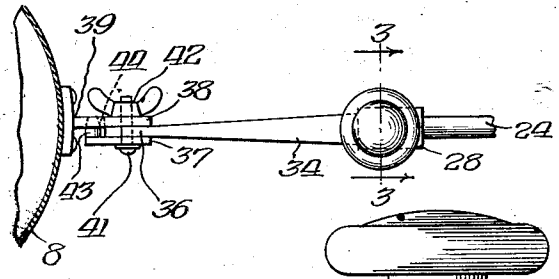


Fig. 2

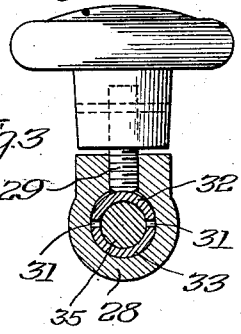


Fig. 3

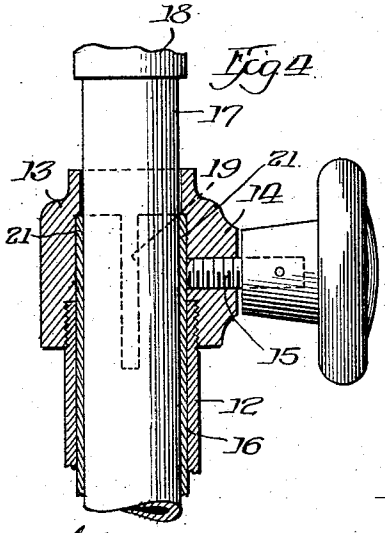


Fig. 4

Witness:

Inventor

Norris E. Goodrich

By Fra J. Wilson Atty

Patented Aug. 26, 1930 1,774,264

UNITED STATES PATENT OFFICE

NORRIS E. GOODRICH, OF BATTLE CREEK, MICHIGAN, ASSIGNOR TO SANITARIUM EQUIPMENT COMPANY, OF BATTLE CREEK, MICHIGAN, A CORPORATION OF MICHIGAN

THERAPEUTIC LAMP STAND

Application filed February 10, 1928. Serial No. 253,282.

This invention relates to electric lamp fixtures in general and more particularly to a therapeutic lamp fixture.

Therapeutic lamps are often desired to be used in a position which is not only remote from the normal position of the lamp but which would, in the ordinary form of lamp, require the lamp to be either removed from its base or the base removed from the floor and the standard supported by some temporary and auxiliary means.

It is the primary object of this invention to provide a construction whereby the lamp may be conveniently adjusted to a practically unlimited number of positions without necessitating the removal of the lamp from its base or the removal of the base of the lamp from the floor.

It is also an object of this invention to provide a lamp of the above type and supporting means therefor which is convenient to manufacture and to adjust.

It is further an object of this invention to provide in connection with a lamp of the above type a sectional standard therefor including an adjustable joint for a pair of the sections which is provided with a large clamping surface.

It is also an object of this invention to provide a lamp of the above character having a sectional standard and a joint for a pair of the sections in which one section is telescopic with respect to another section and a clamp for adjustably securing the two sections together without defacing the stem of the former section.

Other and further objects of this invention will be apparent as the same becomes better understood from an examination of the specification and claims in connection with the accompanying drawings wherein:

Fig. 1 is a fragmentary side elevational view of a lamp embodying this invention,

Fig. 2 is a fragmentary view partly in section of the same,

Fig. 3 is an enlarged section taken at the line 3—3 of Fig. 2,

Fig. 4 is an enlarged fragmentary sectional view of a part of the standard showing parts in elevation, and

Fig. 5 is an enlarged fragmentary perspective view of a part of the standard.

Referring to the drawings more particularly numeral 6 designates a lamp standard mounted upon a base 7 and carrying a lamp 8.

The base 7 includes three equi-angularly spaced legs 9 radiating horizontally from a central hub 11. The standard 6 is a sectional one, one section of which is a vertical hollow tubular member 12 secured at its lower end to the hub 11. A cylindrical casting 13 is threaded to and embraces the upper end of the member 12. The casting 13 is provided with a lateral boss 14 which is centrally apertured and threaded to accommodate a manually operable screw 15 extending into the interior of said casting. A cylindrical bushing 16 is fitted within the casting 13 and the upper end of the member 12 whereby it may receive the stem 17 of a section 18 which is relatively adjustable with respect to the member 12. The bushing 16 is longitudinally split by means of a pair of opposite slots 19 extending downwardly from the upper edge of said bushing and dividing the upper portion of the bushing into a pair of semi-cylindrical portions 21. One of the portions 21 is in position to be engaged by the inner end of the screw 15 when the same is turned inwardly for clamping said portion against the stem 17. The other portion 21 is brazed or otherwise secured to the interior of the casting 13 and the member 12.

The section 18 is provided on its upper end with a pair of spaced clamping ears 21 and 22 respectively on opposite sides of a disc 23. The disc 23 is secured to the lower end of a curved section 24 of the standard. A screw 25 provided with a manually operable knob 26 extends transversely through the center of the ears 21 and 22 and the disc 23 for rotatably supporting said disc between said ears and cooperates with said knob for clamping said disc between said ears. The ear 22 is detachable and may be removed by removing the screw 25. This ear is provided with a bifurcated lower end cooperating with a lug 27 for preventing rotation of the ear. This construction facilitates assembly and enables the

ear 22 to be clamped against the disc 23 with a minimum of force exerted on the knob 26.

The section 24 is in the form of a hollow tubular member the upper end of which is bent approximately ninety degrees from the lower end. Said upper end is embraced by a casting 28. The casting 28 like the casting 13 is provided with an adjusting knob and screw 29. In this case the upper end of the tubular member 24 forms the bushing and said upper end is longitudinally slotted as at 31 to form two semi-cylindrical portions 32 and 33 respectively. The semi-cylindrical portion 32 is in position to be engaged by the screw 29 and the semi-cylindrical portion 33 is brazed or otherwise secured to the surrounding casting 28. A short section 34 is provided with a stem 35 at one end and said stem extends into the upper end of the member 24 within the casting 28 and between the portions 32 and 33. The screw 29 may thus be turned inwardly or outwardly to clamp or release the stem 35.

The outer end of the section 34 is in the form of a flat rounded portion 36 which is clamped between a pair of ears 37 and 38. The ears 37 and 38 form a part of a bracket 39 which is rigidly secured to the lamp 8. A screw 41 extends through the ears 37 and 38 and the portion 36 therebetween whereby the section 34 is pivotally secured to the bracket 39 and cooperates with a wing nut 42 whereby the bracket may be clamped in any desired pivotal relation with respect to said section. The ear 37 like the ear 22 is detachable by merely removing the screw 41 but is provided with a lug 43 extending in a recess 44 in the bracket 39 for preventing rotation of said ear. Thus the detachable ear facilitates assembly and is free to move axially with respect to the screw 41 permitting clamping action to be had by a minimum of force exerted on the screw by the wing nut 42.

It will be observed that the aforedescribed standard including its various sections and connections therebetween may be adjusted with a minimum of ease to bring the lamp into most any position desired without necessitating removing the lamp from the standard or removing the base of the standard from its normal position on the floor.

I am aware that many changes may be made and many details varied without departing from the principles of this invention and I therefore do not wish to be limited to the details shown or described.

I claim:

1. In a lamp fixture, the combination of a base, a lamp and supporting means therefor connected to said base, the connection between said means and base including a disc on one of the connected parts and a pair of clamping ears supported on the other part on opposite sides of said disc and an adjusting screw for pivotally connecting and clamping said disc and ears together, one of said ears being detachable by removing said screw, said ear having a slot near one of its margins, and a lug engageable with said slot carried by said ear supporting part for preventing rotation of said ear.

2. In a lamp fixture, the combination of a base, a sectional standard on said base, one section of which is a stem telescopically adjustable with respect to a tubular member, a lamp and supporting means therefor connected to the stem, the connection between said means and stem including a disc on one of the connected parts and a pair of clamping ears on the other part on opposite sides of said disc and an adjusting screw for pivotally connecting and clamping said disc and ears together, one of said ears being detachable by removing said screw and being held against rotation relatively to the part on which it is supported by means of a cooperating slot and lug, one of which is formed on said supporting part.

3. In a lamp fixture, the combination of a base, a lamp and supporting means therefor connected to said base, the connection between said means and base including a disc on one of the connected parts and a pair of clamping ears on the other part on opposite sides of said disc and an adjusting screw for pivotally connecting and clamping said disc and ears together, one of said ears being held against rotation and connected to its supporting part only by cooperation of a lug and a slot one of which is a part of the ear, said lug and slot permitting the ear to be movable toward its opposite ear comparatively freely.

In witness of the foregoing I affix my signature.

NORRIS E. GOODRICH.