May 27, 1958 W. L. PAUL 2,836,710

LAMP ASSEMBLY

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FIG. 1.

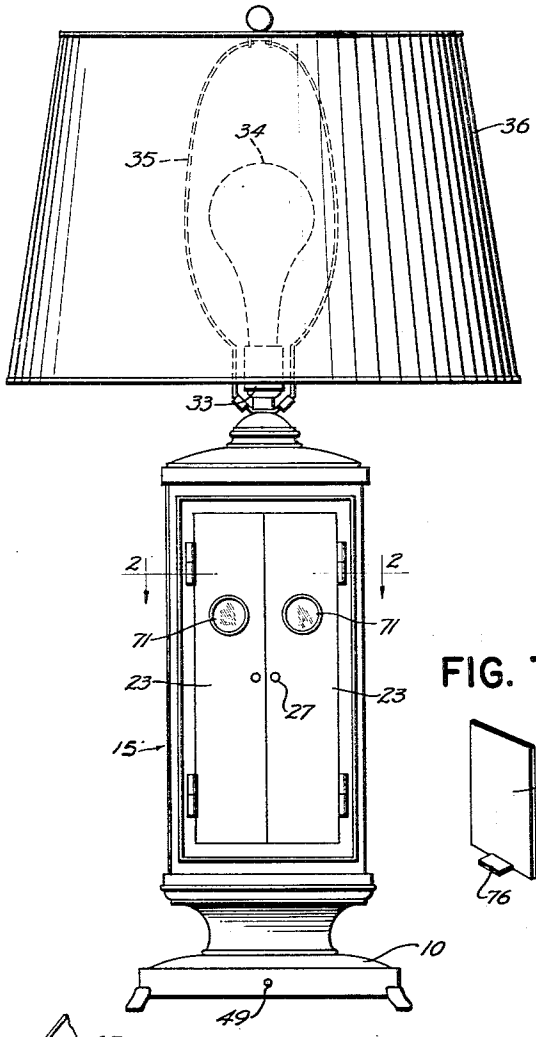


FIG. 2.

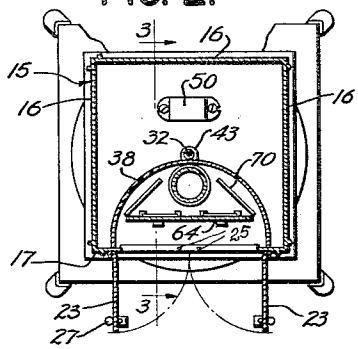


FIG. 3.

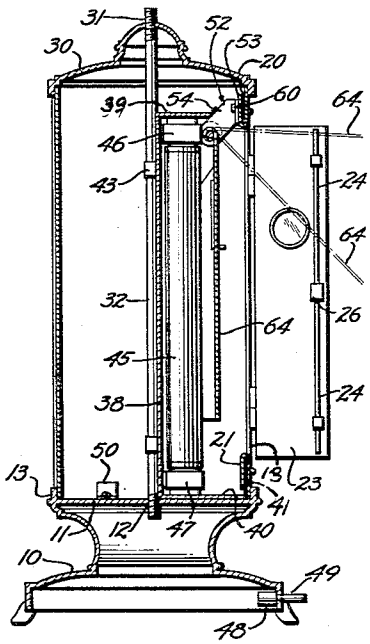


FIG. 7.

FIG. 5.

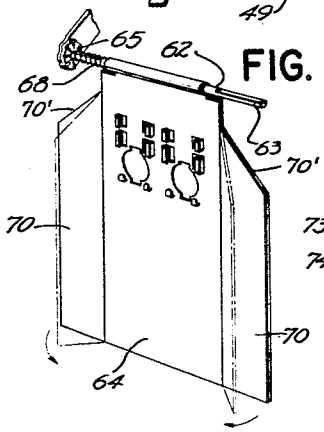


FIG. 6.

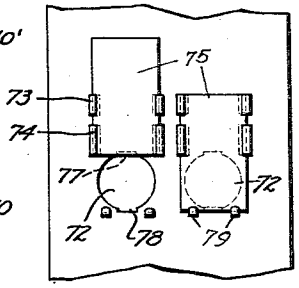
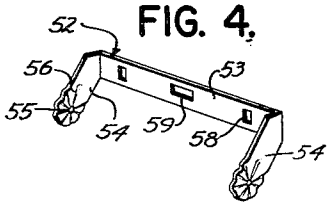


FIG. 4.



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FIG. 8.

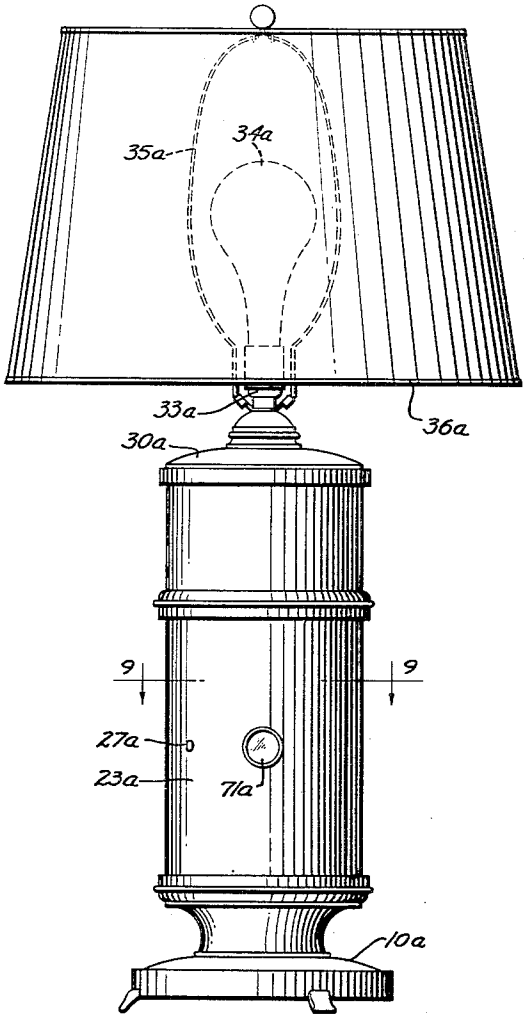


FIG. 9.

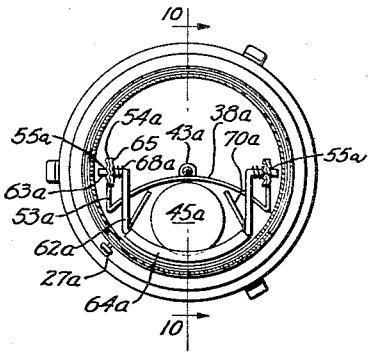


FIG. 10.

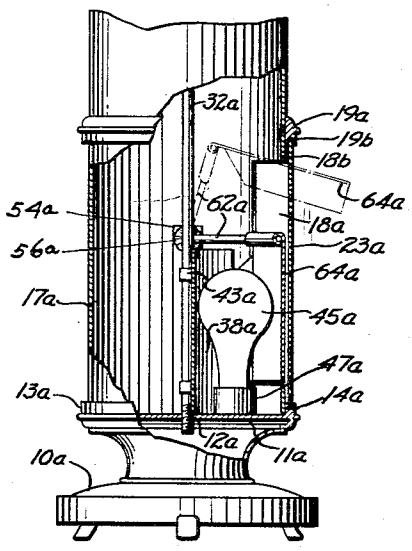


FIG. 11.

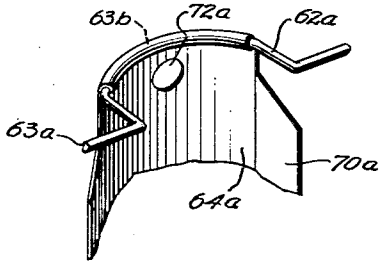


FIG. 12.

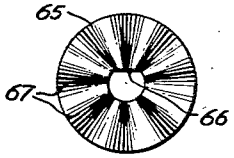
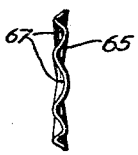


FIG. 13.



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United States Patent Office 2,836,710 Patented May 27, 1958

2,836,710

LAMP ASSEMBLY

Wanda L. Paul, New York, N. Y.

Application May 15, 1952, Serial No. 287,906

17 Claims. (Cl. 240—81)

This invention relates to lighting means and lamps and more particularly to table lamps, students' lamps and to lamps for lighting rooms with dim light though it is noted that in some of the claims the invention is not limited to any one of these uses.

Objects of the invention are to provide an improved lamp which is suitable for use as a table lamp, and as a reading or student's lamp, and as a lamp for lighting rooms with dim light while television is being viewed. The student and reading lamp is hidden in the lamp stand and can be put in service at will when needed.

Other objects of the invention are to provide an improved adjustable window arrangement for providing the dim light, and an improved adjustable shade for use when the lamp is used as a reading or student's lamp and an approved assembly means for including the various parts in a single lamp.

Additional objects of the invention are to effect simplicity and efficiency in such methods and apparatus and to provide an extremely simple and artistic lamp of this kind which is economical of space, and easy and reliable in adjustment from one use to another and economical to manufacture.

Still other objects of the invention will appear as the description proceeds; and while herein details of the invention are described in the specification and some of the claims, the invention as described in the broader claims is not limited to these, and many and various changes may be made without departing from the scope of the invention as claimed in the broader claims.

The inventive features for the accomplishment of these and other objects are shown herein in connection with an improved lamp assembly which briefly stated, includes an ornamental lamp stand forming a housing having a door opening and doors for the door opening. A lamp shade and a lamp therein are mounted on said stand. An upright concaved reflector mounted in said housing faces toward the door opening. A lighting means is mounted in the housing between the reflector and door opening. An adjustable light shade between said lighting means and door opening has its upper margin yieldably hinged in the housing for disposing the shade in the housing or projected from the door at a downwardly and outwardly inclined or other angle. Wings hinged to the side edges of the main shade are movable to a position behind the main shade or to an obtuse or other angle relative to the shade when the latter is projected from the housing. Said doors and the shade are provided with small windows registering when the main shade is housed, and in one form of the invention the closure plates are shown adjustably slidable to cover the windows of the shade.

In the accompanying drawing showing, by way of example, two of many possible embodiments of the invention,

Fig. 1 is a front elevation of one form of the invention;

Fig. 2 shows a section on the line 2—2 of Fig. 1;

Fig. 3 shows a section on the line 3—3 of Fig. 2;

Fig. 4 is a perspective view of the adjustable light shade mounting means;

Fig. 5 is a fragmental perspective view of the adjustable shade;

Fig. 6 is an inner face view of the adjustable shade and closure plates for the windows therein;

Fig. 7 is a perspective view of a closure plate;

Fig. 8 is a front elevation of another form of the invention;

Fig. 9 shows a section on the line 9—9 of Fig. 8;

Fig. 10 shows a fragmental side elevation partly in section on the line 10—10 of Fig. 9;

Fig. 11 is a perspective view of the adjustable shade of the lamp of Fig. 8; and

Figs. 12 and 13 are respectively face and edge views of a corrugated washer of the shade mounting means of both forms of the invention.

The various parts of my improved lamp assembly of Figs. 1 to 7 are supported on a hollow base 10 of plastic, cast metal or other material having a square upper floor 11 (Fig. 3) having a central threaded opening therethrough, and an upstanding flange 13 around the floor.

A tall housing 15 of sheet metal or other material comprises four walls 16, 17 (Fig. 2) secured on said floor against the flange 13, the wall 17 being a door-carrying wall and provided with a cut-out forming a door opening 18 (Fig. 3). The wall material at the top and bottom of the door opening is formed into upper and lower metal flaps 20, 21 bent inwardly and slightly spaced from the wall at the top and bottom of the door opening for a purpose which will appear. Doors 23 hinged to the sides of the door opening are provided at the free edge inner margins with bolts 24 adapted to be projected behind the wall 17 in openings 25 (Fig. 2) in said flaps 21. Bolt operating means 26 for the bolts have operating knobs 27 at the front faces of the doors.

A cap 30 secured on the top of the walls and having a threaded opening 31 at its apex cooperates with the walls 16, 17 and said floor 11 to form a housing constituting a lamp stand. A pipe 32 for electric wiring having threaded engagement in said threaded openings 12 and 31 holds the housing parts together, and supports a lamp socket on the upper end of said pipe for holding an electric bulb 34 and a holder 35 supporting a lamp shade 36 disposed over said socket and bulb.

An axially upright semi-cylindrical reflector 38 (Fig. 2) is mounted against the pipe 32 and rests on said floor 11 substantially coaxial with the door opening and extends to near the sides of the door opening 18 and has a reflecting face faced toward the door opening. Said reflector has top and bottom walls 39, 40 above and below the upper and lower levels of the door opening, and a shallow upstanding front wall 41 against the housing wall 17 and terminating just below the door opening and secured between the lower flap 21 and adjacent wall 17. A collar 43 secured to the upper part of the back of the reflector and around the pipe 32 cooperates to hold the reflector in place. A tubular fluorescent tube 45 between the reflector and door opening 18 has its end sockets 46, 47 mounted in said top and bottom walls 39, 40. A switch 48 having an operating button 49 in the lower part of the base and a transformer 50 mounted in the housing to the rear of the reflector or other suitable location are suitably connected to said sockets 46, 47 and a suitable source of current by wiring (not shown) in a well known manner.

A sheet metal bracket 52 (Figs. 3 and 4) having an intermediate yoke part 53 secured against the upper flap 20 has at the ends backwardly bent downwardly inclined ears 54 extending beneath said upper wall having axially alined bearing openings 55 at their ends and radial corrugations 56 around the openings. Said yoke part 53 has slots 58, 59 cut therein; and said upper flap has tongues

60 cut therefrom and passed through the slots and bent against the yoke 50 to hold the bracket in place.

A shaft 62 having end portions flattened as at 63 on one side and disposed in said bearing openings 55 respectively carries a rectangular sheet metal main light shade 64 nearly as wide as the door opening having its upper margin secured to said shaft 62. A washer 65 (Figs. 5, 12 and 13) on each of the flattened ends between the shade 64 and ear 54 has an approximately semicircular opening 66 slidably non-rotatably fitting on the flattened end portion and has radial corrugations 67 interengageable with the corrugations 56 of the ears 54. A helical spring 68 on said flattened end portions compressed between the shade and washer 65 yieldably holds the washer corrugations meshed with the ear corrugations 56, whereby the shade may be yieldably held within the reflector or horizontally or at any outwardly and downwardly inclined angle projecting from the door opening as shown by the dotted lines of Fig. 3. Wings 70 hinged to the side edges of the main shade 64 a distance below the shaft are movable to a position behind the main shade (Fig. 2) and disposable between the sides of the reflector 38 and light tube 45 when the main shade is housed, and are movable to the extended plane of the main shade or to an obtuse angle relative to the main shade (Fig. 5) when the latter is projected from the housing, to increase the effective width of the shade.

The wings 70 are provided with outwardly and downwardly inclined upper edges 70' and said doors 23 are movable to position substantially adjacent to said inclined edges 70' at susbtantially any of the angles of the wings 70 and shade 64 and cooperate with the shade and wings to direct and confine light from the lamp to space below and in front of the door opening when the shade is projected from the housing.

The doors 23 and the main shade 64 are provided with small windows 71, 72 (Fig. 6) registering when the main shade is housed, for transmitting a small amount of light from the fluorescent tube, suitable when the bulb 34 is not lighted, for lighting a room with dim light as when television is being viewed. Metal parts partially cut from, and bent back from, said main shade 64 are formed into parallel pairs of overhanging alined guides 73, 74 above the level of and approximately tangential to the opposite sides of the windows 72, and guide closure plates 75 frictionally selectively adjustably slidable in each pair of guides to cover, partly cover or uncover the windows 72 for adjusting the light passing through the registering windows. The closure plates are provided at the bottom edge with frontwardly turned handles 76 projecting through the windows. Said windows have upper and lower shallow marginal recesses 77, 78 to receive the handles 76. Stops 79 cut and turned backwardly and upwardly from the main shade serve to stop the closure plates in closed position. The windows 71 of the doors are glazed with glass or plastic to give a finished artistic appearance to the windows.

When the doors and windows are closed the lower lamp or tube is hidden, and my improved assembly has the general appearance of an artistic table lamp, the windows and doors enhancing the artistic apearance. With the top light turned out, the doors closed and the windows open the lower light furnishes the proper dim light when television is viewed. With the top light out, the lower light on and the shade and wings projected at a desired angle, an excellent reading or student's lamp is provided having the new function of a shade wider than the lamp housing quickly and easily storable in the housing.

My lamp assembly of Figs. 8 to 13 is similar in function to that of Figs. 1 to 7 and comprises a hollow cast metal base 10*a* having a round upper floor 11*a* (Fig. 10) having a central threaded opening 12*a* and an upstanding flange 13*a* around the floor having an upwardly open annular groove 14*a* therein. A tall cylindrical sheet metal housing wall 17*a* secured on said floor against the flange is provided at the front with a cut-out forming a door opening 18*a* having an upper edge 18*b*. An ornamental collar 19*a* around the housing just above the door opening has therein a downwardly opening annular groove 19*b* receiving the upper edge of a curved door 23*a* having its lower edge slidable in said grooves 14*a* of the lower flange. Said door 23*a* is adapted to slide to cover and uncover the door opening 18*a* and is provided with an operating knob 27*a* at the front face of its front margin.

A cap 30*a* having a threaded opening at its apex similar to the cap of Fig. 1 is secured on the wall and cooperates therewith and with said floor 11*a* to form a housing constituting a lamp stand. A pipe 32*a* for electric wiring has threaded engagement in said threaded openings for holding the housing parts together as in Fig. 1. A lamp socket 33*a* on the upper end of said pipe holds an electric lamp 34*a* and a holder 35*a* supporting a lamp shade 36*a*.

An axially upright concaved reflector 38*a* (Figs. 9 and 10) mounted against the pipe on said floor 11*a* and facing the door opening 18*a* extends to the sides of the housing some distance from the door opening and has a reflecting face toward the door opening. A collar 43*a* secured to the upper part of the back of the reflector and around the pipe 32*a* helps to hold the reflector in place. A socket 47*a* carrying an electric bulb 45*a* is mounted in said floor 11*a* of the base between the door opening and the reflector.

The side margins of the reflector are bent back as at 53*a* and disposed adjacent to the housing wall and are upwardly extended to form axially alined bearing brackets or ears 54*a* disposed at diametrically opposite sides of the inner face of the housing at a level between the levels of the top of the bulb and the top of the door opening, each bracket or ear having a bearing opening 55*a* and radial corrugations 56*a* therearound. A shaft 62*a* has its end portions 63*a* flattened on one side and disposed in said bearing openings of the brackets 54*a*, the intermediate part 63*b* of the shaft being deeply curved and disposable near the door opening 18*a*.

An outwardly curved sheet metal light shade 64*a* nearly as wide as the door opening has its upper margin secured to the curved part 63*b* of said shaft. A washer 65 on each of the flattened ends between the shade and bearing bracket has an approximately semicircular opening 66 slidably non-rotatably fitting on the flattened end portion 63*a* and has radial corrugations interengageable with the corrugations 56*a* of the brackets 54*a*. A helical spring 68*a* on each of said flattened end portions 63*a* compressed between the shade and washer 65 yieldably holds the washer corrugations against the bracket corrugations, whereby the shade may be yieldably held vertically within the reflector as shown by the solid lines of Fig. 10, or at an angle outwardly and downwardly inclined and projecting from the door opening as shown by the dotted lines of Fig. 10.

Wings 70*a* hinged to the side edges of the shade 64*a* A distance below the shaft are movable to a position behind the shade and disposable between the sides of the reflector and light bulb 45*a* as in Fig. 9 when the shade is housed, the wings being movable to an obtuse or straight angle relative to the main shade when the latter is projected from the housing, to increase the effective width of the shade and to prevent light from issuing at the side of the shade. Said door and the shade are provided with small windows, 71*a*, 72*a* registering when the shade is housed, for transmitting a small amount of light from the housing when the top light is extinguished.

The various features of the invention shown in either form of the invention may be provided in the other form if applicable.

Metal or plastic or any suitable material may be used for constructing the various parts of the assemblies.

I claim as my invention:

1. A lamp assembly comprising a base having a floor thereon; a housing secured on said floor and having a door opening; a door for the door opening; a cap on the housing walls and cooperating therewith and with said floor to form a lamp stand; a reflector mounted in said housing and having a reflecting face toward the door opening; a lighting means mounted in the housing in front of the reflector; a light shade having its upper margin yieldably hinged in the housing above the door opening and adapted to be projected at an angle from the door opening; wings hinged to the side edges of the main shade and movable to a position behind the main shade and to an obtuse angle relative to the shade when the latter is projected from the housing; said door and shade being provided with small windows, registering when the main shade is housed, and closure plates adjustably slidable to cover the windows of the shade.

2. A lamp assembly comprising a hollow stand forming a housing having a door opening on one side; a laterally hinged door for said opening; a reflector in said housing; a lighting means in the housing between the door and reflector; a light shade between the lighting means and door having its upper margin yieldably hinged in the housing for disposing the shade projected from the door opening at a downwardly and outwardly inclined angle; wings hinged to the side edges of the shade and movable to a position behind the shade and to the plane of the shade or to an obtuse angle relative to the shade when the latter is projected from the housing; said doors and shade being provided with small windows, registering when the shade is housed; and closure plates adjustably slidable to cover the windows of the shade.

3. A lamp assembly comprising a hollow lamp stand forming a housing having a door on one side; a lamp mounted on said stand; a reflector in the stand facing the door; a lighting means in the housing between the reflector and door; a shade disposable in the housing and hinged in the upper part of the housing for disposing the shade projected from the door at outwardly inclined angles; means yieldably holding the shade at said angles; whereby the shade may be yieldably held within the stand or at an outwardly and downwardly inclined angle projecting from the door opening; and wings hinged to the side edges of the shade a distance below its upper edge and movable to a posiiton behind the shade and disposable between the sides of the reflector and lighting means when the shade is housed, and movable to the plane of the shade or to an obtuse angle relative to the shade when the latter is projected from the housing, to increase the effective width of the shade.

4. A lamp assembly comprising a hollow lamp stand having a door opening on one side; a lighting means in the housing; a sheet metal bracket having an intermediate yoke part secured against the upper part of the housing wall just over the door opening and having backwardly and downwardly inclined ears each having a bearing opening at its end and radial corrugations therearound; a shaft having its end portions flattened on one side and disposed in said bearing openings; a light shade having its upper margin secured to said shaft; a washer on each of the flattened ends between the shade and ear and having a semicircular opening non-rotatively slidable on said flattened end having radial corrugations interengageable with the corrugations of the ears; and a helical spring on said end portions between the shade and washer for yieldably holding the washer against the ear.

5. A lamp assembly comprising a hollow sheet metal stand forming a housing having a door opening in one side and an upwardly extending inner flap above the opening; a reflector in said housing facing the door; a sheet metal bracket having an intermediate yoke part secured against the flap, and having backwardly bent downwardly inclined ears, each having a bearing opening at its end and radial corrugations therearound; said yoke part having slots cut therein; said upper flap having tongues cut therefrom and passed through the slots and bent against the yoke to hold the bracket in place; a shaft having its end portions flattened on one side and disposed in said bearing openings; a sheet metal rectangular main light shade nearly as wide as the door opening having its upper margin secured to said shaft; a washer on each of the flattened ends between the shade and washer and having a semicircular opening slidably non-rotatably fitting on said flattened end and having radial corrugations interengageable with the corrugations of the ears; and a helical spring on said flattened end portions compressed between the shade and washer for yieldably holding the washer corrugations against the ear corrugations.

6. A lamp assembly comprising a housing having a door opening; closure means for closing the door opening; a reflector mounted in said housing and having a reflecting face toward the door opening; a lighting means mounted in the housing in front of the reflector between the door opening and the reflector; a light shade less wide than the door opening and having its upper margin yieldably hinged inside of the housing to the rear of the upper part of the door opening and adapted to be entirely housed within the housing when the door opening is closed by the closure means, and adapted to be projected at an angle from the door opening in front of the door opening exteriorly of the housing when the closure means is in open position; and wings hinged to the side edges of the main shade and disposable in a position behind the main shade when the main shade is housed behind the door opening when the door opening is closed by the closure means thus hiding the main shade and wings; said wings being movable to an obtuse angle relative to the shade when the latter is projected from the housing; said closure means and the shade being each provided with a small window registering when the shade is housed in the housing to allow a small amount of light to be emitted when the shade is housed and hidden by the closed closure means.

7. A lamp assembly comprising a housing having a door opening; a pair of ears secured in the housing, each ear having a bearing opening, at least one ear having radial corrugations around its opening; a shaft having its end portions disposed in said bearing openings; a light shade less wide than the door opening and secured at one of its margins to said shaft, and disposable entirely within the housing to the rear of the door opening and adapted to be partly projected from the door opening; a washer slidably non-rotatably fitting on one of the end portions between the shade and the ear having the corrugations, said washer having radial corrugations interengageable with the corrugations of the ear; and a helical spring compressed on said shaft between the shade and washer.

8. A lamp assembly comprising a hollow stand forming a housing having a closable door opening in one side; a reflector in said housing facing the door; a lighting means between the reflector and opening; a pair of ears secured in the housing to the rear of the upper part of the door, each ear having a bearing opening and radial corrugations therearound; a shaft having its end portions flattened on one side and disposed in said bearing openings; a light shade nearly as wide as the door opening and secured at its upper margin to said shaft, and disposable within the housing to the rear of the door opening and adapted to have its lower part projected from the door opening; a washer on each of the flattened ends between the shade and ear and having a semicircular opening slidably non-rotatably fitting on said flattened end and having radial corrugations interengageable with the corrugations of the ear; and a helical spring on said flattened end portion between the shade and washer and pressing on the washer

for yieldably holding the washer corrugations against the ear corrugations, for yieldably holding the shade entirely within the housing when the door opening is closed and for yieldably holding the lower part of the shade projected at different angles from the housing and door opening when the door opening is open.

9. A lamp assembly comprising a housing having a door opening in its front wall; closure means for closing the door opening movable to a position away from the front of the door opening to leave space below the front of the door opening; an upright lighting means mounted in the housing; a shade disposable entirely in the housing and approximately as wide as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of, and substantially as high as, the upper part of the door opening and said closure means when closed and adapted to pass through the door opening and be projected from the top of the door opening, and wings hinged to the side edges of the main shade and extensible to points further apart than the width of the door opening at an obtuse angle relative to the shade behind the plane of the main shade and cooperating with the shade to direct light downwardly to said space when the shade is projected from the housing, and movable to a position behind the main shade on both sides of the lighting means, for compactness, when the main shade is housed behind the closed door opening.

10. A lamp assembly comprising a housing having a lamp on top and a wide bottom adapted to stand on a flat support, and a door opening having vertical sides and horizontal top and bottom edges; closure means for closing the door opening movable to a position away from the front of the lamp to leave spaces below the front of the door opening unobstructed when the door is open for resting a book in said space on said support; a reflector mounted in said housing and having a reflecting face toward the door opening; an upright lighting means mounted in the housing in front of the reflector between the door opening and the reflector; a main shade approximately as wide as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of, and substantially as high as, the upper part of the door opening and said closure means when closed and adapted to be entirely housed within the housing behind the closing means and adapted to pass through the door opening and be projected from the top of the door opening; and wings hinged to the side edges of the main shade and extensible to points further apart than the width of the door opening at an obtuse angle relative to the shade behind the plane of the main shade when projected, and cooperating with the shade to direct light downwardly to said space, and movable to a position behind the main shade and then movable to a position within the housing on both sides of the lighting means almost in contact with the reflector, for compactness, and disposable in the housing when the main shade is housed behind the closed door opening.

11. A lamp assembly comprising a housing having a lamp on top and a wide bottom adapted to stand on a flat support, and a door opening having vertical sides and horizontal top and bottom edges; closure means for closing the door opening movable to a position away from the front of the lamp to leave space below the front of the door opening unobstructed when the door is open for resting a book in said space on said support; an upright lighting means mounted in the housing behind the door opening; a shade approximately as wide as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of the upper part of the door opening and said closure means when closed and adapted to pass through the door opening and be projected from the top of the door opening; and wings hinged to the side edges of the main shade and extensible to points further apart from the width of the door opening at an obtuse angle relative to the shade behind the plane of the main shade when projected, for cooperating with the shade to direct light downwardly to a book in said space, and movable to a position behind the main shade on both sides of the lighting means for compactness when the main shade is housed behind the closed door opening.

12. A lamp assembly comprising a housing having a lamp on top and a wide bottom adapted to stand on a flat support, and a door opening having vertical sides and horizontal top and bottom edges; closure means for closing the door opening movable to a position away from the front of the lamp to leave space below the front of the door opening unobstructed when the door is open for resting a book on said support; an upright lighting means mounted in the housing behind the door opening; a main shade approximately as wide as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of, and substantially as high as, the upper part of the door opening and said closure means when closed and adapted to pass through the door opening and be projected from the top of the door opening; and wings hinged to the side edges of the main shade and extensible to points further apart from the width of the door opening at an obtuse angle relative to the shade behind the plane of the shade when projected and cooperating with the shade to direct light downwardly to said space and movable to a position behind the main shade on both sides of the lighting means almost in contact with the lighting means, for compactness, when the main shade is housed behind the closed door opening; said closure means and the shade being each provided with a small window registering when the shade is housed in the housing to allow a small amount of light to be emitted when the wings and shade are housed and hidden by the closed closure means.

13. A lamp assembly comprising a housing having a lamp on top and a wide bottom adapted to stand on a flat support, and a door opening close to said support having vertical sides and horizontal top and bottom edges; closure means for closing the door opening movable to a position away from the front of the lamp to leave space below the front of the door opening unobstructed when the door is open for resting a book on said support; lighting means mounted in the housing behind the door opening; a main shade approximately as wide as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of, and substantially as high as, the upper part of the door opening and said closure means when closed and adapted to be entirely housed within the housing behind the closing means almost in contact with the lighting means when the door opening is closed by the closure means, and adapted to pass through the door opening and be projected from the top of the door opening at an angle from the door opening in front of the door opening exteriorly of the housing, when the closure means is in open position, to direct light downwardly to said space.

14. A lamp assembly comprising a housing having a lamp on top and a wide bottom adapted to stand on a flat support, and a door opening close to said support having vertical sides and horizontal top and bottom edges; closure means for closing the door opening movable to a position away from the front of the lamp to leave space below the front of the door opening unobstructed when the door is open for resting a book on said support; lighting means mounted in the housing behind the door opening; a main shade approximately as wide as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of, and substantially as high as, the upper part of the door opening and said closure means when closed and adapted to be entirely housed within the housing behind the closing means almost in contact with the lighting means when the door opening is closed by the closure means, and adapted to pass through the door opening and be projected from the top of the door opening at an angle from the door opening in front of the door opening exteriorly of the housing, when the closure means is in open position,

and wings hinged to the side edges of the main shade and extensible to points further apart than the width of the door opening at an obtuse angle relative to the shade behind the plane of the shade when projected and cooperating with the shade to direct light downwardly to said space and movable to a position behind the main shade, when the main shade is housed behind the closed door opening; said closure means and the shade being each provided with a small window registering when the shade is housed in the housing to allow a small amount of light to be emitted when the wings and shade are housed and hidden by the closed closure means.

15. A lamp assembly comprising a housing having a door opening having vertical sides; a pair of laterally hinged doors respectively hinged to said sides for closing the door opening; a lamp mounted in the housing; a substantially rectangular main shade nearly as wide and as tall as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of the upper part of the door opening and adapted to be entirely housed within the housing behind the doors when closed, and adapted to be projected at inclined angles in front of the door opening; and wings hinged to the side edges of the main shade and extending substantially to the bottom and near the top of the shade and disposable behind the main shade when the main shade is housed behind the closed doors; said wings being provided with outwardly and downwardly inclined upper edges, and movable to obtuse angles to the shade behind the main plane of the shade; said doors being movable to position substantially adjacent to said inclined edges at substantially any of said angles of the wings and shade.

16. A lamp assembly comprising a housing having a door opening having vertical sides and horizontal top and bottom edges; a pair of laterally hinged doors of substantially equal size respectively hinged to said sides for closing the door opening; an upright lamp mounted in the mid part of the housing behind the door opening; a substantially rectangular main shade approximately as wide and as tall as the door opening and having its upper margin yieldably hinged inside of the housing to the rear of the upper part of the door opening and adapted to be entirely housed within the housing behind the closed doors when the door opening is closed by the doors, and adapted to pass through the door opening and be projected from the door opening at inclined angles in front of the door opening exteriorly of the housing when the doors are in open position; and wings hinged to the side edges of the main shade and extending substantially to the bottom thereof and to near the top of the shade and disposable in a position behind the main shade on both sides of the lamp when the main shade is housed behind the door opening and doors when the doors are closed, thus hiding the main shade and wings; said wings being provided with outwardly and downwardly inclined upper edges, and being laterally extensible to points further apart than the widths of the door and movable to obtuse, straight and right angles relative to the shade behind the plane of the main shade; said doors being movable to positions substantially adjacent to said inclined edges at substantially any of said angles of the shade and cooperating with the shade and wings to direct and confine light from the lamp substantially to space below and in front of the door opening when the shade is projected from the housing.

17. A lamp assembly comprising a housing having a door opening having vertical sides; movable closure means for opening and closing the door opening; a lamp mounted in the housing behind the door opening; a shade approximately as wide and as tall as the door opening and having parallel side edges and having its upper margin yieldably hinged inside of the housing to the rear of the upper part of the door opening and the closure means when closed and adapted to be entirely housed within the housing behind the closure means when the door opening is closed by the closure means and adapted to be projected at inclined angles from the door opening in front of the door opening exteriorly of the housing when the closure means is in open position; and wings hinged to the side edges of the shade and extending substantially to the bottom thereof and to near the top of the shade and disposable in a position behind the shade when the shade is housed behind the door opening and closure means when the door opening is closed by the closure means, thus hiding the main shade and wings; said wings being extensible to points further apart than the widths of the door and movable to obtuse, straight and right angles relative to the shade behind the plane of the shade.

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