Aug. 26, 1924. 1,506,377

J. MANDEL

LAMP AND BASE

Filed Jan. 25, 1924

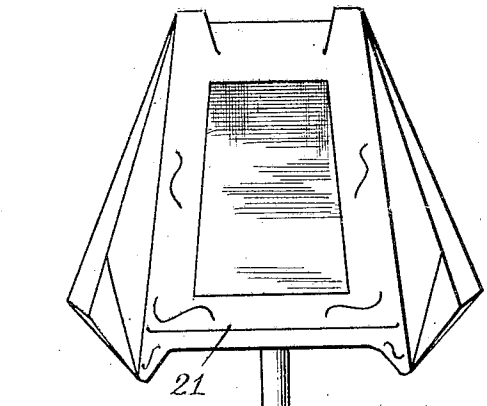


Fig. 1

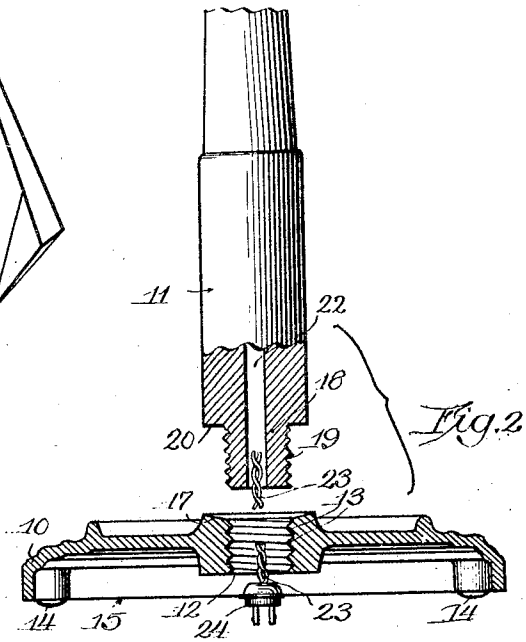


Fig. 2

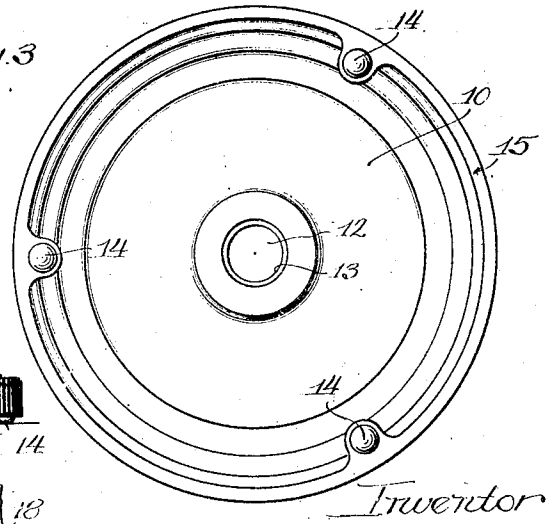


Fig. 3

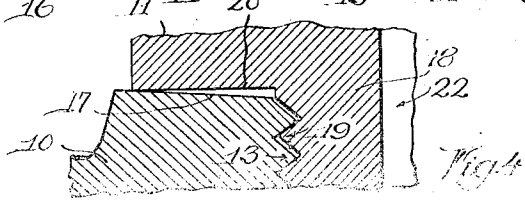


Fig. 4

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UNITED STATES PATENT OFFICE.

JACOB MANDEL, OF CHICAGO, ILLINOIS.

LAMP AND BASE.

Application filed January 25, 1924. Serial No. 688,432.

To all whom it may concern:

Be it known that I, JACOB MANDEL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Lamps and Bases, of which the following is a specification.

Heretofore in the manufacture of lamps, especially pedestal or floor lamps, in order to give the base sufficient weight to prevent the lamp from being easily knocked over, it has been customary to attach anchoring plates or elements to the base to add the necessary weight.

It is one of the objects of the present invention to provide for lamps of this character an improved base which is made separate or detached from the pedestal and constructed preferably of metal, the lower surface of the base being supported above the supporting surface or floor a distance sufficient to permit the light cord or wire to pass under the base.

A further object is to provide an improved base of this character having a threaded opening therethrough to receive a threaded end of the pedestal, the threads on the pedestal and in the opening in the base being of different pitch, one series being greater than the other so that when the parts are connected together the adjacent faces of the threads will be slightly wedged to insure a tight fit and also to insure that the pedestal will be maintained perpendicular to the base.

A further object is to provide an improved construction of this character which will be simple, durable, cheap in construction and effective and efficient in operation.

To the attainment of these ends and the accomplishment of other new and useful objects as will appear, the invention consists in the features of novelty in substantially the construction, combination and arrangement of the several parts hereinafter more fully described and claimed and shown in the accompanying drawing illustrating this invention and in which—

Figure 1 is a side elevation of a pedestal or floor lamp constructed in accordance with the principles of this invention.

Figure 2 is an enlarged view partly in elevation, partly in section, partly broken away and with the parts separated, showing the manner of connecting the pedestal and base together.

Figure 3 is a bottom plan view of the base.

Figure 4 is an enlarged detail fragmentary view in section, showing the manner of connecting the threaded parts together.

Referring more particularly to the drawing the numeral 10 designates generally the base which is constructed separately from the pedestal 11.

The base 10 is constructed of some suitable heavy material preferably iron and may be of any desired size and configuration.

The base is provided with a central aperture or opening 12 having threads 13 therein, and the base is preferably provided with a plurality of supporting feet or projections 14 which serve to hold the lower edge 15 of the base elevated above the floor or supporting surface 16, as shown more clearly in Figure 1.

The opening 12 may be of any desired diameter and the portion of the base 10 which surrounds the upper face of the opening is inclined downwardly and inwardly as at 17, the angle of inclination being of any desired or suitable degree.

The lower end of the pedestal 11 is preferably reduced as at 18 and the reduced portion is provided with exterior screw threads 19, the pitch of which threads 19 is less than the pitch of the threads 13, so that when the pedestal 11 is connected with the base 10 by inserting the reduced portion 18 of the pedestal into the opening 12 so that the threads 19 and 13 will engage, the threads 13 will cause the threads 19 to wedge with respect to each other, as shown more clearly in Figure 4. This wedging action is assisted by reason of the fact that the flat surface 20 of the pedestal 11 formed by the reduced portion 18 of the pedestal and encompassing such reduced portion will co-operate with the inclined or beveled surface 17 of the base 10 encompassing the opening 12. This will permit the parts to be wedged tightly together, resulting in a rigid construction and at the same time insuring that the pedestal 11 will be maintained in a true perpendicular or upright position with respect to the base 10. The usual shade 21 may be

supported by the pedestal 11 in the usual manner.

The pedestal 11 is provided with an opening 22 therethrough for the reception of the light wires or cord 23 and to the end of which cords is connected the plug 24. In assembling or disassembling the pedestal and base it will be manifest that the plug 24 may be passed through the opening 12, so as to permit the parts to be knocked down for shipment purposes, and at the same time permits the cords or wire 23 to extend through the base of the pedestal and under the base which will be out of the way. The feet or supports 14 serve to hold the edge 15 above the supporting surfaces so that the base will not rest upon the light cord or wire 23.

With this invention it will be manifest that a rigid construction will be produced and at the same time the pedestal may be readily detached from the base so that the lamp parts may be shipped or stored in a knocked down or separated condition.

While the preferred form of the invention has been herein shown and described, it is to be understood that various changes may be made in the details of construction and in the combination and arrangement of the several parts, within the scope of the claim, without departing from the spirit of this invention.

What is claimed as new is:—

A lamp including a base having a threaded opening therein, the portion of the upper surface of the base encompassing the opening being inclined downwardly and inwardly towards the opening, a pedestal, the lower extremity of the pedestal being reduced to form a flat substantially horizontal surface encompassing said reduced portion, the said reduced portion adapted to enter the opening in the base, the threads in the pedestal engaging the threads in the base, the co-operating threads serving to force the said flat and inclined surfaces into contact, a light cord or wire connected with the pedestal and extending from the end of the pedestal, and a plug connected with the conductor, said plug being adapted to be passed through the opening in the base when the pedestal is connected and disconnected from the base.

In testimony whereof I have signed my name to this specification on this 19th day of January, A. D. 1924.

JACOB MANDEL.