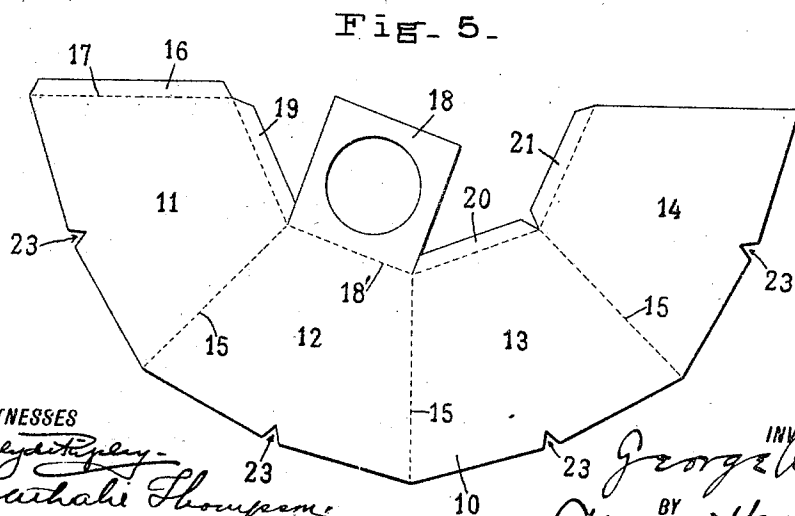
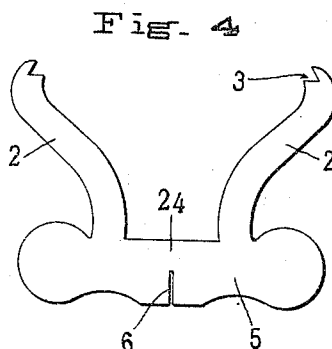
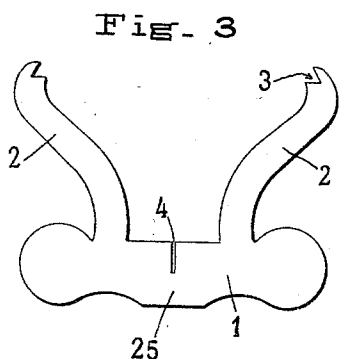
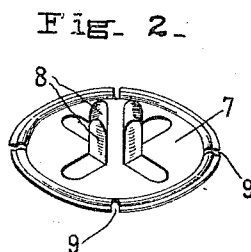
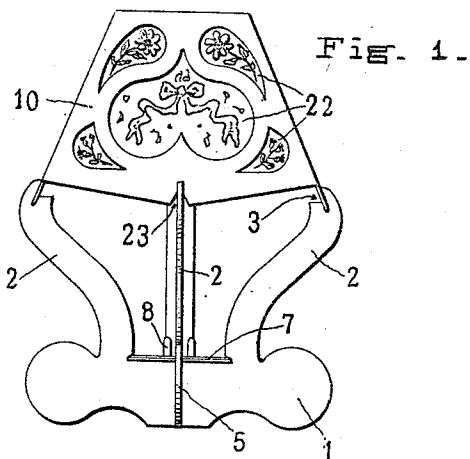


G. BENZE.
TABLE LAMP.

APPLICATION FILED MAR. 27, 1912.

1,034,409.

Patented Aug. 6, 1912.



WITNESSES

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GEORGE BENZE, OF NEW YORK, N. Y.

TABLE-LAMP.

1,034,409.

Specification of Letters Patent.

Patented Aug. 6, 1912.

Application filed March 27, 1912. Serial No. 686,612.

To all whom it may concern:

Be it known that I, GEORGE BENZE, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Table-Lamps, of which the following is a specification.

This invention relates to illuminating devices, and more particularly to candle lamps.

One of the objects of the invention is to provide a new and improved collapsible candle lamp which is of inexpensive construction, easy to assemble, and when assembled is rigid and durable, although constructed of relatively frail material.

Other objects will be in part obvious and in part pointed out during the course of the following description of the features of construction, combinations of elements and arrangements of parts of my improved device, and the scope of protection sought will be indicated in the appended claims.

In the accompanying drawing wherein I have illustrated a preferred form of embodiment of my device, Figure 1 is a view in elevation showing the same in assembled condition; Fig. 2 is a view in perspective of a candle supporting device which also enters into the construction thereof; Fig. 3 is a view in elevation of one of the base members which carry the supporting arms for the shade; Fig. 4 is a view similar to Fig. 3, showing another base member provided with supporting arms; and Fig. 5 is a view in plan of a blank from which the shade is constructed.

Similar reference characters refer to similar parts throughout the several views of the drawing.

Referring now to the drawing, the reference numeral 1 indicates one of the base members which is provided with a plurality of upwardly and outwardly extending arms 2, as shown, each arm being provided with an upwardly and inwardly extending slot 3, the purpose of which will be apparent hereinafter. The base member 1 is provided at its middle portion with a vertically disposed slot 4 which extends substantially midway through the same.

5 indicates a base member similar to that shown in Fig. 3, which is also provided with the arms 2 which have similarly formed slots 3 in their upper ends. This base member is also provided with a slot 6, located midway

between the ends thereof and which terminates substantially in the middle of the width of the base member.

While members 1 and 5 may be made of any suitable material, I prefer to use relatively stiff card-board in this relation.

Referring to Fig. 2, 7 indicates a plate which is struck out from a single piece of metal and which is provided with upwardly extending bent up ears 8, which form a socket for receiving an illuminating device such, for instance, as a candle. Plate 7 is also provided with a plurality of radially extending slots 9, the purpose of which will be apparent hereinafter.

10 denotes a shade which may be formed from a blank such as illustrated in Fig. 5 of the drawing, and referring to the latter figure, it will be noted that the blank comprises four side pieces, 11, 12, 13 and 14, adapted to be folded along weakened lines 15, so that the flap 16, which is joined to the side piece 11 along a weakened line 17, may be attached to the edge of the side piece 14 as by means of cement. The top piece 18, which is joined to the side piece 12 as by means of a weakened line 18', may be then bent down and fastened as by means of cement to the flaps 19, 20 and 21 which are joined by weakened lines respectively to the side pieces 11, 13 and 14. When this blank has been manipulated in the manner just described, there will be provided a shade such as shown at 10. The blank from which this shade is made is also formed of relatively stiff card-board, and the side pieces thereof are preferably cut out, as shown at 22, so that thin transparent paper or cloth may be disposed behind the cut out portions, whereby any design provided upon the transparent portions will be illuminated by the candle or other illuminating means employed in the device. Each of the side pieces 11, 12, 13 and 14 is provided in its lower edge with a V-shaped slot 23.

Having thus described the construction of the separate, integral parts which enter into the construction of my improved device, the manner of assembling the same into the form shown in Fig. 1, is substantially as follows:—The base members 1 and 5 are first joined by means of interlocking the slotted portions 4 and 6, in an obvious manner, so that the walls of the slot 4 will embrace the part 24 of the member 5, and the walls of the slot will embrace the part 25

of the member 1. These members are interlocked so that they will intersect each other and extend in angular relation. In the present instance they are intended to be located at right angles to each other. The plate 7
 5 is then positioned upon the upper edges of these intersecting base members between the arms 2 in such a manner that the lower, inner edges of each of said arms will enter one of the slots 9 of the plate 7. The plate
 10 7 will therefore operate to hold the base members in the angular position, in which it is intended they shall remain. The shade may then be placed upon the supporting arms 2 with the slots 23 of the side pieces thereof interlocking with the slots 3 formed in the upper ends of the arms 2.

At this point it may be noted that it is intended that the normal width of the shade shall be slightly greater than the distance between the obliquely disposed walls of the slots 3, so that the shade can be sprung into said slots, the natural resilience of the material of which the shade is constructed,
 25 causing the side pieces thereof to exert an outward and upward stress upon the side arms 2. This engagement between the side pieces of the shade and the upper ends of the arms 2 operates to hold the members 1 and 5 against relative vertical movement.
 30 In other words, the engagement of the shade 10 with the four supporting arms is of a locking nature which aids in the maintenance of the device in assembled condition. The engagement between the slots 23 and the slots 3, as will be seen by referring to Fig. 1, also operates to prevent any relative lateral movement of the upper ends of the supporting arms 2.

It will accordingly be seen that I have provided a device which is of exceedingly simple construction, and yet which may be quickly assembled, there being no necessity for the exercise of skill in the assembling
 40 operation.

As numerous changes may be made in the precise details of constructions hereof, without departing from the scope of this invention, it is intended that all matter contained in the above description, or shown in the accompanying drawings, shall be interpreted as illustrative only, and that the language used in the following claims shall cover all of the generic and specific features
 50 of the invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In a device of the class described, a
 60 base, comprising a pair of slotted members, fitted together and intersecting each other at their middle portions, each of said members having a pair of upstanding supporting arms, a plate engaging said members
 65 and holding them in fixed relation, and a

shade carried by the upper ends of said supporting arms detachably interlocking therewith for preventing relative vertical movement and disengagement of said members.

2. In a device of the class described, a
 70 base, comprising a pair of members slotted and fitted together at their middle portions so as to intersect in right angled relation, each of said members being provided with opposed, upwardly and outwardly extending arms, a plate having struck up portions
 75 for supporting an illuminating device positioned between said arms and having slots spaced from said struck up portions engaging said arms to hold said members in fixed angular relation, and a shade carried by
 80 said arms and detachably interlocking with the upper ends thereof for holding said members against relative vertical movement.

3. In a device of the class described, a
 85 base, comprising a pair of members slotted and fitted together at their middle portions so as to intersect in right angled relation, each of said members being provided with opposed upwardly and outwardly extending arms, a plate having means for supporting
 90 an illuminating device resting upon said members and positioned between said arms and having slots engaging said arms to hold said members in fixed angular relation, said
 95 members being free to move vertically relatively to each other; and a shade carried by said arms and holding said members against relative vertical movement and for holding said arms against relative lateral movement.
 100

4. In a device of the class described, a pair of base members having upstanding arms, said base members being slotted and interlocked at their middle portions so as to be disposed in angular relation, a plate
 105 resting upon said base members and having slots for receiving the lower inner ends of said arms to hold said base members in fixed angular relation, said plate being provided with means for supporting an illuminating
 110 device, the upper ends of said arms being provided with inwardly and upwardly extending slots, and a shade sprung in between said arms and engaging said slots.

5. In a device of the class described, a
 115 pair of base members having upstanding arms, said base members being slotted and interlocked at their middle portions so as to be disposed in angular relation, a plate resting upon said base members and having
 120 slots for receiving the lower inner ends of said arms to hold said base members in fixed angular relation, said plate being provided with means for supporting an illuminating device, the upper ends of said arms being
 125 provided with inwardly and upwardly extending slots, and a shade having resilient side walls sprung in between the upper ends of said supporting arms and engaging said slots.
 130

6. In a device of the class described, a pair
of base members having upstanding arms,
said base members being slotted and inter-
locked at their middle portions so as to be
5 disposed in angular relation, a plate rest-
ing upon said base members and having
slots for receiving the lower inner ends of
said arms to hold said base members in fixed
angular relation, said plate being provided
10 with means for supporting an illuminating
device, the upper ends of said arms being

provided with inwardly and upwardly ex-
tending slots, and a shade having slotted
side walls the slots of which interlock with
the slots of said supporting arms.

In testimony whereof I affix my signature 15
in the presence of two witnesses.

GEORGE BENZE.

Witnesses:

NATHALIE THOMPSON,
ELSIE WEISS.