G. C. AUNGST.

CANDLE HOLDER.

APPLICATION FILED JULY 16, 1918.

1,299,537. Patented Apr. 8, 1919.

Fig. 1.

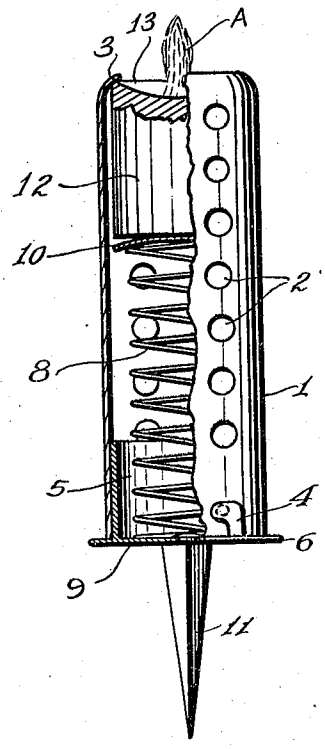


Fig. 2.

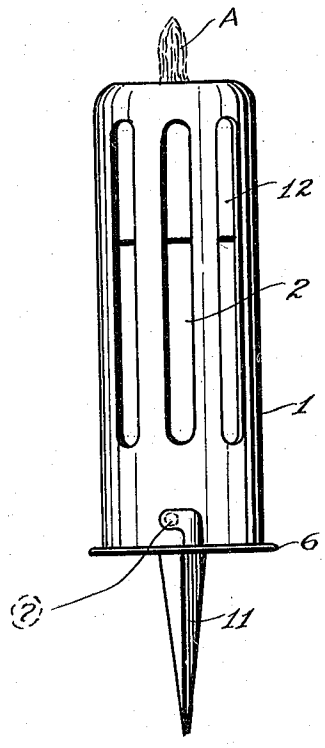
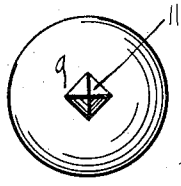


Fig. 3.



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UNITED STATES PATENT OFFICE.

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CANDLE-HOLDER.

1,299,537. Specification of Letters Patent. Patented Apr. 8, 1919.

Application filed July 16, 1918. Serial No. 245,146.

To all whom it may concern:

Be it known that I, GROVER CLEVELAND AUNGST, a citizen of the United States of America, residing at Mansfield, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Candle-Holders, of which the following is a specification.

This invention relates to a candle holder.

The primary object of the invention is to provide a candle holder with means for automatically feeding or imparting movement to the candle in the holder, during the time it is being consumed in burning, so as to maintain the upper or burning end at a predetermined position in the holder, and providing means of consuming the grease while the candle is burning.

Another object is to provide a candle holder that is constructed to prevent rodents or other similar animals from destroying or injuring the candle, whether the candle is being used for the purpose intended or not.

A further object is to construct a simple, economical and efficient candle holder compactly, for the purpose of economizing in the space required to handle, use, or for conveniently transporting same.

These and other objects are attained by the mechanism illustrated in the accompanying drawing in which:

Figure 1 is an elevation of the candle holder showing the casing with a part broken away to more clearly show the construction of the operating mechanism of the candle holder.

Fig. 2 is a view of a modification of Fig. 1 showing the casing provided with slotted openings instead of circular perforations.

Fig. 3 is a bottom plan view of Fig. 1.

In the drawings reference numeral 1 represents a casing which is preferably made of non-corrodible metal such as galvanized iron or the like.

The casing is provided with a series or plurality of perforations or slotted openings 2, and an annular inturned flange 3, is provided on one end of the casing. At a predetermined point at the opposite end of the casing bayonet slots 4 are preferably pressed or formed in the casing.

A cup shaped member 5 is provided and adapted to telescope within the casing 1, and it is provided with an annular outwardly extending flange 6 which stops and limits the telescopic movement of the cup shaped member 5 when it is being connected to the casing. Two or more bayonet slots 4 are provided on the casing at points diametrically opposed to each other and diametrically opposed projections or tits 7 are provided on the exterior of the cup shaped member to aline with and slidably fit the opposed bayonet slots. An open or expanded coil spring 8 is seated in the cup shaped member and fastened to the upper surface of the bottom 9 thereof as shown in Fig. 1 in any well known manner.

A supporting plate 10 is preferably fastened to the upper or free end of the coil spring. A spike 11 preferably made rectangular in form is secured to the lower face of the bottom 9 of the cup shaped member by any well known fastening means. The spike is used for the purpose of penetrating the soil to hold and maintain the candle holder in the place and position desired.

The candle is indicated by reference numeral 12 and the concave portion thereof by numeral 13.

In the operation or use of the candle holder a candle 12 of standard size is inserted in the casing 1, and the upper end thereof is forced in contact with the flange 3, the cupped shaped member 5 is then inserted or telescoped and the coil spring which is supported and carried by the cupped shaped member is compressed to produce a tension or pressure upon the bottom of the candle through the medium of the supporting plate. When the stop on the cup shaped member contacts with the lower portion of the casing the cup shaped member is given a slight turn forcing the projections or tits 7 to enter the right angular portions of the bayonet slots thereby securely attaching and locking the cup shaped member to the casing with the coil spring under compression. The tension or pressure is constantly being exerted upon the bottom of the candle thereby automatically forcing the end of the candle in contact with the flange, as the candle is being burned, and the grease consumed by the burning wick.

The end of the candle is shown at 13 assuming a concave form, when burning which is due to automatically maintaining the burning end of the candle in contact with the annular inturned flange 3, and the means

of permitting the free circulation of air around the candle through the medium of the perforations or slots 2 formed in the casing.

It will be observed that the candle holder is especially designed and constructed for use in trenches or the like, but it is obvious that the invention can be used for other purposes by immaterial alterations or changes without deviating from the principle of the invention.

If desired a transparent chimney can be fitted to the outside of the casing to protect the wick A, as for instance from the wind.

I claim:—

1. In a candle holder, in combination, a casing, a cup shaped member fitted thereto, a candle slidably fitted within the casing, means to automatically maintain the candle, while burning, in a predetermined position within the casing, and spike, secured to the cup shaped member, a bayonet slot mechanism formed on the cup shaped member and casing to removably fasten said parts together.

2. In a sheet metal holder, a casing provided with a series of ventilating openings, a cup shaped member, means to removably attach the cup shaped member to the casing; said casing being provided with an inturned flange, a candle, means to yieldingly maintain the candle in contact with said flange, and means adapted to penetrate the soil, secured to the cup shaped member and removable as a unit from the casing with the cup shaped member.

3. In an article of manufacture, a casing provided with an inturned flange, a cup shaped member, means to connect same to the casing, a candle slidably fitted within the casing to contact with the inturned flange, tensioning means adapted to constantly exert a pressure upon the candle and maintain it in contact with said flange, and means to permit direct circulation of air around the candle and a spike connected to and removable from the casing with the cup shaped member.

4. A candle holder comprising in combination a perforated casing provided with a series of perforations, an inturned flange and bayonet slots, a cup shaped member provided with tits to coöperate with said bayonet slots to fasten and lock both elements together, a spike attached to the cup shaped member and removable from the casing with the cup shaped member, a stop provided on the cup shaped member, and means attached to the cup shaped member which is adapted to exert a pressure upon said candle to maintain it constantly, but yieldingly in contact with the flange of the casing.

5. A candle holder comprising in combination a perforated casing, an inturned flange, and bayonet slots, a cup shaped member provided with tits to coöperate with said bayonet slots to fasten and lock both elements together, a stop provided on the cup shaped member, means attached to the cup shaped member which is adapted to exert a pressure upon said candle to maintain it constantly, but yieldingly in contact with the flange of the casing, a supporting plate secured to said means, and means on the cup shaped member removable from the casing therewith to penetrate the soil to maintain the holder in position.

In testimony whereof I affix my signature.

GROVER CLEVELAND AUNGST.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."