April 23, 1929. L. M. TASKER 1,709,889

DECORATIVE CANDLE AND PROCESS OF ITS MANUFACTURE

Filed Jan. 23, 1928

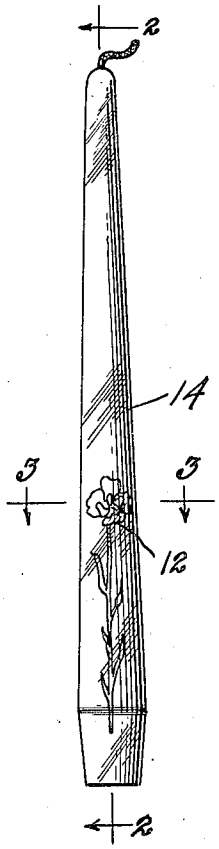


Fig. 1

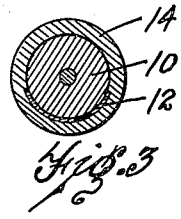


Fig. 3

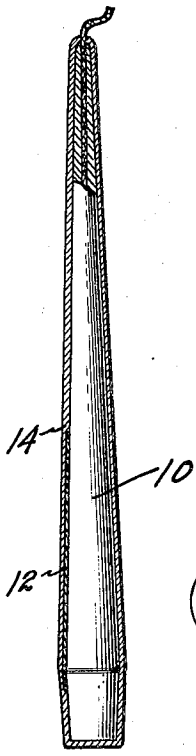


Fig. 2

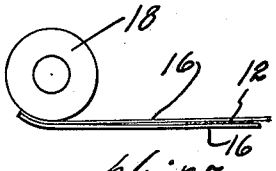


Fig. 7

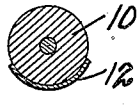


Fig. 5

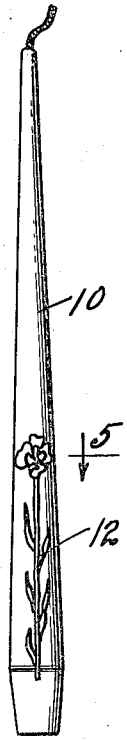


Fig. 4



Fig. 6

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Patented Apr. 23, 1929. 1,709,889

UNITED STATES PATENT OFFICE.

LITHA M. TASKER, OF WALKERVILLE, ONTARIO, CANADA.

DECORATIVE CANDLE AND PROCESS OF ITS MANUFACTURE.

Application filed January 23, 1928. Serial No. 248,933.

My invention relates to improvements in decorative objects such as candles formed of suitable candle-forming material such as beeswax, paraffin wax or other suitable materials or compositions thereof and to improvements in the method of their manufacture.

An object is to provide a candle having decorative material incorporated within the structure thereof below its outer surface structure and visible therethrough, the candle being so constructed that such decorative subject matter, while being visible through the outer surface structure of the candle, is protected thereby against disintegration and its natural color, if any, is preserved, thereby permanently imparting an attractive decorative appearance to the candle.

An additional object is the provision of a candle having decorative material preferably of natural vegetable growth incorporated therein beneath its outer surface structure and visible therethrough. This is preferably accomplished by providing a candle core of suitable material such as paraffin wax and affixing thereto decorative subject matter of the character described which has previously been shaped to fit the core and then dipping the core thus decorated into a bath of suitable candle-forming material such as clear paraffin wax at a suitable temperature, thereby providing an outer surface layer enveloping the candle and the decorative subject matter, which outer surface layer is substantially transparent.

An adidtional object consists in the preparation and arrangement of decorative material of the character chosen for the purpose intended in the manner hereinafter specified and the formation of the complete candle and integration of such decorative material therein after the fashion set forth in the following specification wherein other advantages, objects and desirable features of my invention will more fully appear.

The above objects and advantages together with others and likewise together with the advantageous features of my improved method of manufacture will more fully appear from the following specification, appended claims and accompanying drawing, wherein:

Fig. 1 is an elevation of a candle embodying my invention.

Fig. 2 is a vertical sectional view taken on line 2—2 of Fig. 1.

Fig. 3 is a horizontal sectional view taken on line 3—3 of Fig. 1.

Fig. 4 is an elevation of a candle structure, during the process of its manufacture, intended to embody my invention.

Fig. 5 is a horizontal sectional view taken on line 5—5 of Fig. 4.

Fig. 6 is an elevation of a decorative flower structure employed in my improved candle.

Fig. 7 is a view illustrating means for dehydrating and shaping a flower structure suitable for employment in an embodiment of my invention.

In the embodiment of my invention here illustrated I have shown a candle having decorative material of natural vegetable growth, such as a flower structure, incorporated therein the the manner hereinafter set forth. While this represents a preferred embodiment of my invention it is apparent that it might be otherwise embodied and that decorative material of a different character might be employed.

The structural characteristics of my candle will appear from the following description of my preferred method of manufacture.

In the manufacture of a candle embodying my invention there is first provided a suitable candle core 10 of paraffin wax or other candle-forming material. If desired, this core may be colored by being dipped into a paraffin bath containing a suitable pigment or in any other satisfactory manner. The decorative subject matter is then prepared as hereinafter outlined and affixed to the core.

I have here shown natural vegetable matter such as a flower 12 as constituting the decorative material. In Fig. 7 I have shown how this flower may be prepared for use. The flower structure intended for use is placed between layers 16 of suitable absorbent material and then wound upon a roll 18 of a size and shape to correspond with the core of the candle upon which the flower is to be used. The flower is kept in this condition in a suitable place until its dehydration is complete after which it is removed from the roll. The flower is now dry and it is of a shape suitable to be juxtaposed upon the core of the candle.

The dried shaped flower structure is now coated with a quick-drying, substantially transparent shellac. Before the shellac has dried, the flower so encased therein is superimposed at the desired place upon the candle core and left to dry thereon.

The candle core with the flower affixed thereto is now placed in a tempering room and slowly brought up to a suitable temperature, for example, 120° F. It is then dipped in a bath of substantially transparent candle-forming material such as paraffin wax, which bath has been heated to a satisfactory working temperature, for example, 175° F. The dipping of the candle core within this bath forms an outer layer or envelope 14 of a substantially transparent character about the candle core covering the decorative subject matter, protecting the structural shape thereof and preserving its color. The candle is then allowed to cool slowly in order that it will shrink uniformly throughout.

Due to the temperature of the candle core at the time of dipping and the temperature of the bath within which it is dipped, the core and the outer layer coalesce structurally during the dipping operation forming a unitary integral structure of a substantially homogeneous character throughout.

Herein I have referred to the outer transparent portion of the candle structure as an outer layer and an outer envelope but, as a matter of fact, the candle structure is throughout substantially the same. The material of which the outer layer is formed and the material of which the core is formed is substantially similar and the method of treating the core and applying the outer layer thereto produces an integral structure of a practically homogeneous nature.

This application is a substitute for and is a continuation in part of my application, Serial No. 160,573 filed January 12, 1927.

I claim:

1. A decorative candle formed throughout of substantially similar candle-forming material of the character described and comprising a core and an outer layer enveloping the core, said core being colored and said outer layer being substantially transparent to render the color of the core visible therethrough and having decorative material integrated therein juxtaposed upon the core and submerged within the outer layer to be visible therethrough.

2. A candle having a core enveloped by an outer layer of substantially the same candle-forming material and a natural flower structure juxtaposed upon the core and submerged beneath said outer layer, said outer layer being substantially transparent, rendering the flower structure visible therethrough.

3. A candle formed throughout of suitable candle-forming material of substantially the same character and comprising a core and an outer layer enveloping the core and having a dehydrated flower structure enclosed within a moisture proof envelope integrated within the structure of the candle and juxtaposed upon the core and submerged within the outer layer and visible therethrough.

4. A decorative candle formed throughout of candle-forming material as described and having decorative subject matter integrated therein beneath the surface thereof and visible therethrough.

5. A candle formed throughout of wax and comprising a wax core, decorative subject matter juxtaposed upon the core, and an outer wax layer enveloping the core and the decorative subject matter and structurally coalesced with the structure of the core to form a substantially homogeneous integral structure therewith and rendering the decorative subject matter visible therethrough.

6. A decorative object formed throughout of wax and having decorative material embodied therein beneath its outer surface structure and having its outer surface structure composed of substantially transparent wax.

7. A decorative candle formed throughout of wax and having decorative material embodied therein to substantially the same depth throughout beneath its outer surface structure, which outer surface structure is composed of substantially transparent wax structurally integral with the interior structure of the candle.

8. That method of forming a decorative candle which consists in providing a candle core, superimposing thereupon dehydrated vegetable matter shaped to embrace said core and then dipping the candle core in material of substantially the same character as the core to form thereabout an encasing outer envelope, through which the vegetable matter is visible.

9. That method of forming a decorative candle which consists in providing a candle core, dehydrating and shaping natural vegetable material to embrace said core, covering said vegetable material with a substantially moisture-proof transparent casing, superimposing said encased vegetable material upon said core, and forming a substantially transparent outer envelope of material of substantially the same character as the core about the core.

10. That method of forming a decorative candle comprising forming a core of suitable candle forming material of the character described, superimposed thereupon a decorative object shaped to embrace the core and building up the candle core by adding thereto an outer layer of suitable candle forming material of substantially the same character and through which the decorative object is visible.

11. That method of forming a decorative candle comprising providing a wax core, shaping decorative material to fit the core, affixing the shaped decorative material upon the core, preparing a suitable wax bath within which to dip the core, raising the temperature of the core above normal to a point ap-

proaching that of the bath, dipping the decorative core into the bath to form thereto an outer layer of substantially transparent wax material which coalesces with the core to form a practically homogeneous structure therewith.

12. That method of manufacturing a decorative candle comprising providing a wax core, drying and shaping a flower structure for juxtaposition upon the core, encasing said dried and shaped flower structure within a coating of shellac and affixing the same thereby upon the core, dipping the core into a bath of substantially transparent wax to form an outer envelope thereabout and about the decorative material thereon to coalesce structurally with the core.

In testimony whereof, I, LITHA M. TASKER, sign this specification.

LITHA M. TASKER.