

(No Model.)

T. V. FORSTER.
ORNAMENTED CANDLE.

No. 471,992.

Patented Mar. 29, 1892.

FIG. 1.

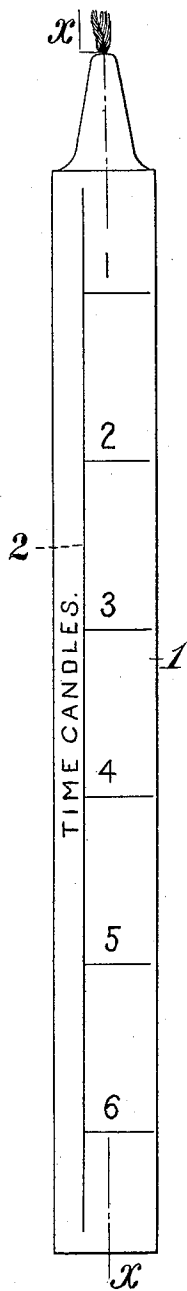
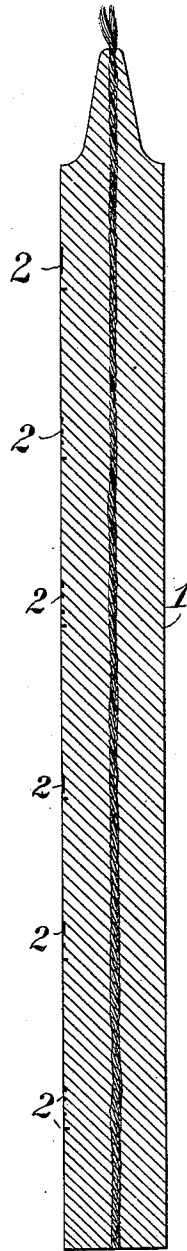


FIG. 2.



WITNESSES:

Danm. S. Wolcott
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INVENTOR,

Thomas V. Forster
by *George H. Christy*
Att'y

UNITED STATES PATENT OFFICE.

THOMAS V. FORSTER, OF AVALON, ASSIGNOR TO W. & H. WALKER, OF ALLEGHENY, PENNSYLVANIA.

ORNAMENTED CANDLE.

SPECIFICATION forming part of Letters Patent No. 471,992, dated March 29, 1892.

Application filed November 20, 1891. Serial No. 412,517. (No specimens.)

To all whom it may concern:

Be it known that I, THOMAS V. FORSTER, a citizen of the United States, residing at Avalon, in the county of Allegheny and State of Pennsylvania, have invented or discovered a certain new and useful Improvement in Ornamented Candles, of which improvement the following is a specification.

The invention described herein relates to certain improvements in candles; and it consists, generally stated, in a candle having a mark or ornamentation of a distinguishing color incorporated in the material at the surface of the candle.

In the accompanying drawings, forming a part of this specification, Figure 1 is a view in elevation of a candle embodying my invention; and Fig. 2 is a sectional view of the same on the line *x x*, Fig. 1.

Heretofore candles have been marked or ornamented by forming recesses or grooves in the surface of the candle and then filling such recesses or grooves with a colored material, preferably similar to that of which the candle is formed. This filling material is liable to become loose and drop out of the recesses or grooves, and, further, considerable care and skill are required in making a clear sharp mark or ornamentation. Ornamental candles have been formed by using differently-colored materials in the manufacture thereof, the various colored materials being placed in the molds in any desired order. Attempts have also been made to print or paint the desired marks or ornamentation on the surface of the candle; but the oily or greasy nature of the surface prevented a sufficient adherence of the ink or paint to obtain a durable mark or ornamentation.

In the practice of my invention the completed candles are rolled over suitable dies or types, which are heated sufficiently to soften or melt the material of the candle where it

comes in contact with the lines, points, or surfaces of the types or dies. Prior to subjecting the candles to the action of the dies or types the latter are coated with ink or any suitable coloring-matter, which, being in a liquid or fluid condition when the candle is subjected to the action of the dies or types, will commingle with the softened or fluid material of the candle. As soon as the candle is removed from the influence of the types or dies the softened or fluid and colored portions of the candle will harden, thereby forming a permanent colored mark or ornamentation in the surface of the candle, as at 2. It will be readily understood that the coloring material being incorporated in the material of the candle the mark or ornamentation can only be removed by cutting away a portion of the candle.

In lieu of employing inked types or dies the latter may be formed of brass, copper, or other metal or alloy which will be attacked by the stearic acid in the candles and form there-with a compound. This compound will be taken up by the material of the candle when softened by the action of the heated type or die and stain or color the same.

While the process of marking or ornamenting candles is described herein with some particularity, such process is not claimed herein, as it forms the subject-matter of an application filed October 30, 1891, Serial No. 410,356.

I claim herein as my invention—

As an article of manufacture, a candle having marks or ornamentations formed by a contrasted coloring material which is intimately commingled with the surface material of the candle, substantially as set forth.

In testimony whereof I have hereunto set my hand.

THOMAS V. FORSTER.

Witnesses:

R. H. WHITTLESEY,

DARWIN S. WOLCOTT.