

S. T. A. NELSON.
ELECTRIC CANDLE.
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1,060,278.

Patented Apr. 29, 1913.

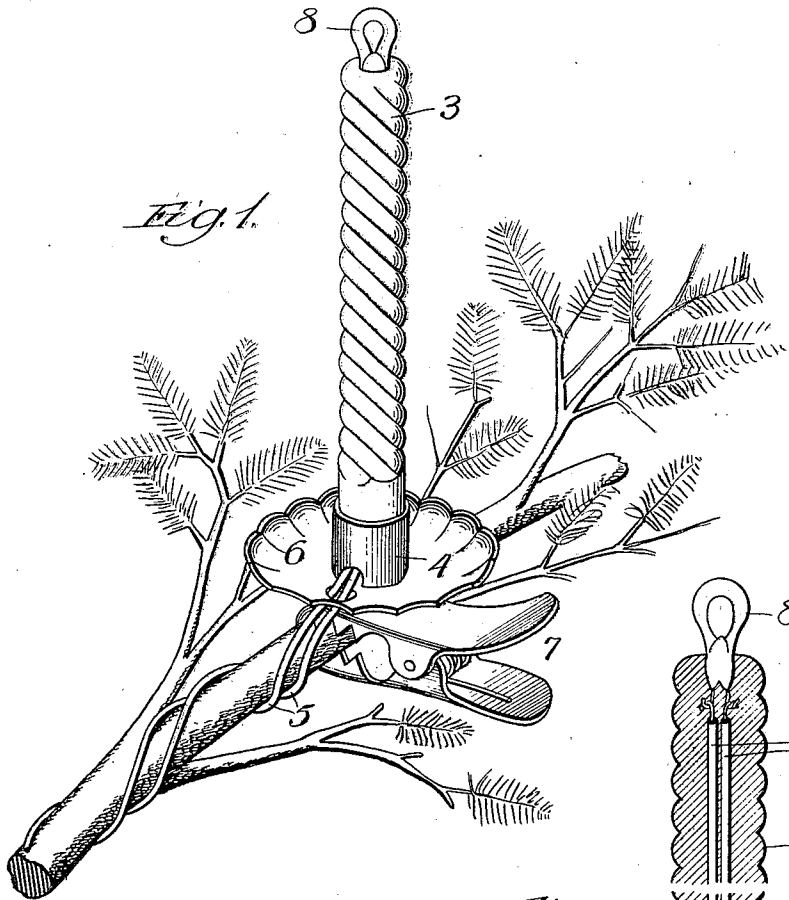
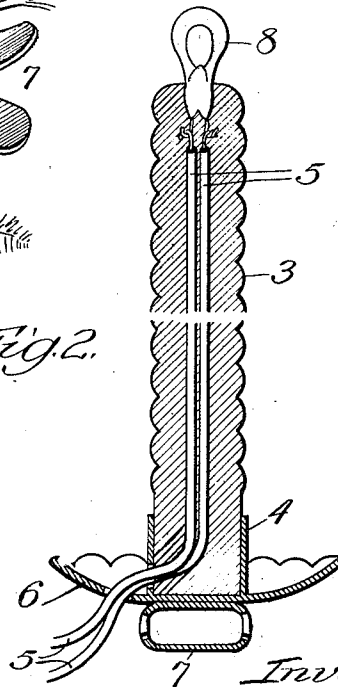


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

SIGRID T. A. NELSON, OF CHICAGO, ILLINOIS.

ELECTRIC CANDLE.

1,060,278.

Specification of Letters Patent.

Patented Apr. 29, 1913.

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To all whom it may concern:

Be it known that I, SIGRID T. A. NELSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Electric Candles; of which the following is a specification.

My invention relates to an improvement in the class of electric candles in which the body is made, to resemble that of a candle, of solid non-combustible material extending from a suitable base and carrying on its outer end an incandescent electric lamp adapted to be electrically connected, for burning it, with a source of electric current.

The primary object of my invention is to provide candles, in the class referred to, of a construction which shall adapt them for use as Christmas-tree tapers, by rendering them cheap to manufacture and adapting them to be readily and stably fastened to the tree-branches.

In the accompanying drawing, Figure 1 is a perspective view showing my improved article in exaggerated size and illustrating its application to a branch of a Christmas-tree, and Fig. 2 shows the article by a more enlarged and broken view in vertical sectional elevation.

The body 3 of the candle is formed, by molding, of plaster of Paris, or analogous light-weight plastic material that will harden by exposure to the atmosphere. It is made in a suitable mold giving it the external appearance of a wax taper, the material being mixed with suitable coloring matter, as desired, to cause the body to correspond in colors with the various colors of such tapers. The material is molded into a sheet-metal socket 4 and about insulated conducting wires 5, 5, passing through the socket and through a sheet-metal cup 6 about it, the cup and socket forming a base like an ornamental Christmas-tree candle-

holder; and the cup has rigidly fastened to its bottom a pair of spring-closed clamping jaws 7 for gripping, in a usual manner, a branch of the tree, as shown. The wires 5 are connected with the filament in the bulb of an incandescent electric lamp 8, about the neck-portion of which the body 3 is also molded to cause the lamp-bulb to project beyond it. The wires 5 of a number of the candles sufficient for ornamenting a tree, may be bunched near their distal ends into one or more cables and united in a socket or sockets, in a well-known manner, for connection in the usual way with one or more electric-lamp fixtures or other source of electric-current supply (not shown). The insulated wires extend in separated condition, however, to sufficient length beyond the candles, to adapt them to be twisted around the branches, as represented in Fig. 1, thereby to reinforce them and tie thereto the tapers, with the advantage of rendering the latter more stable on the branches and supplementing the hold thereon of the clamps 7.

What I claim as new and desire to secure by Letters Patent is—

An electric Christmas-tree candle, comprising a molded body of plastic material, an incandescent electric lamp having its neck-portion molded into one end of said body and a base into which the opposite end of said body is molded, electric conducting wires connected with said lamp and embedded in the molded body to extend beyond said opposite end in lengths adapting them to be wound about a tree-branch, and a clamp on the base for fastening the candle on such branch.

SIGRID T. A. NELSON.

In presence of—

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