April 7, 1942. T. J. MUENCH 2,279,175

MULTIWICK FLOATING CANDLE

Filed July 21, 1941

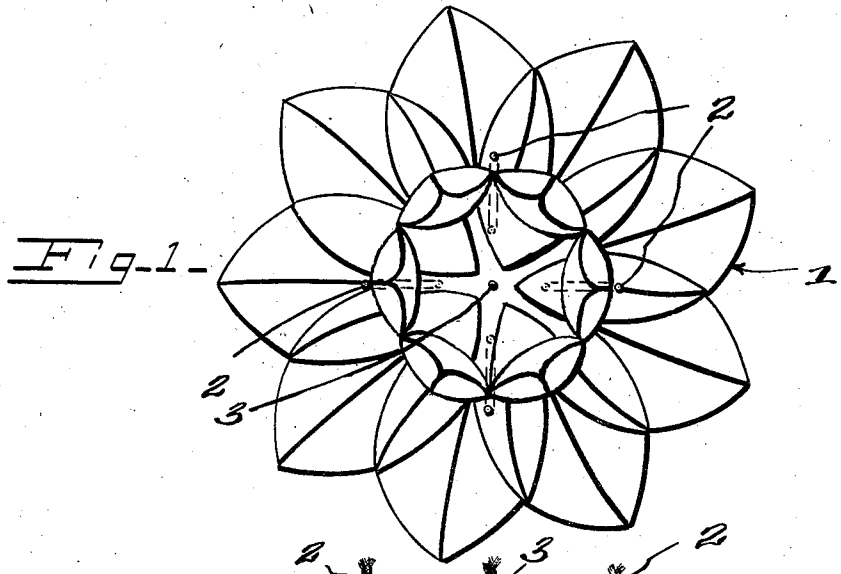


Fig-1-

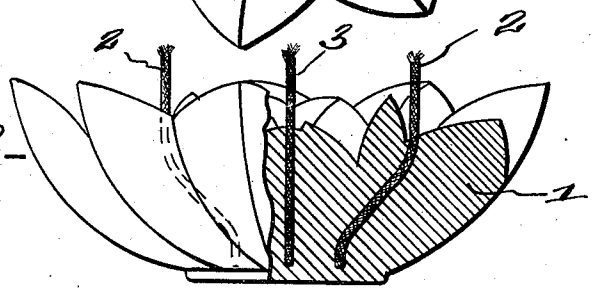


Fig-2-

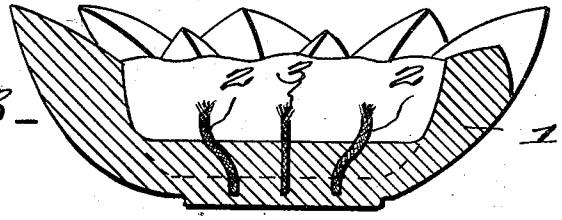


Fig-3-

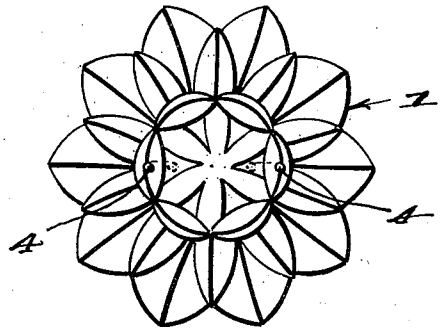


Fig-4-

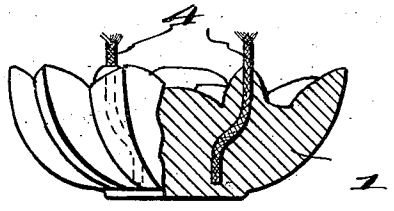


Fig-5-

INVENTOR.
Thomas J. Muench

BY Bodell & Thompson
ATTORNEYS.

Patented Apr. 7, 1942

2,279,175

UNITED STATES PATENT OFFICE

2,279,175

MULTIWICK FLOATING CANDLE

Thomas J. Muench, Syracuse, N. Y., assignor to Muench-Kreuzer Candle Co., Inc., Syracuse, N. Y., a corporation of New York

Application July 21, 1941, Serial No. 403,330

3 Claims. (Cl. 67—22.5)

This invention relates to candles, as floating candles, of the type of my Patent No. 2,234,903 issued March 11, 1941, that is, a candle of the type that forms a hollow, shell-like vessel of candle material, as the candle consumes, and has for its object a candle having a plurality of wicks spaced apart from each other in a circumferential direction and arranged in different radial lines relatively to the line of gravitation or the axis of flotation of the candle body and so located that the combined burning action of the wicks hollows out the candle body evenly gradually forming a thin, shell-like vessel of the candle material due to the chilling or hardening effect of the water on the outer and side surfaces and bottom of the candle, which shell keeps the candle afloat without tipping or shipping water.

The invention consists in the novel features and in the combinations and constructions hereinafter set forth and claimed.

In describing this invention, reference is had to the accompanying drawing in which like characters designate corresponding parts in all the views.

Figure 1 is a plan view of a floating candle embodying this invention.

Figure 2 is a side elevation partly in section.

Figure 3 is a view similar to Figure 2 illustrating the formation of the shell or vessel due to the burning of the candle wicks.

Figures 4 and 5 are views similar to Figures 1 and 2 of a modified form of a multi-wick floating candle.

1 designates the body of the candle, which is so constructed as to float in water, it being preferably of wax, which itself is lighter than water, with the greater portion thereof below the surface of the water. 2 designates a plurality of wicks embedded in the candle body and arranged with their outer or upper exposed ends toward the rim of the body and spaced apart equidistant from each other in a circular direction, and having their inner ends located near the center of the candle body or near the line of gravitation or the center of flotation. The wicks converge from their outer ends toward their inner ends. When all the wicks are ignited, the candle body hollows out into the form of a thin, shell-like bowl, as the candle material consumes at the ends of the wicks, and the wicks are so located as to gradually form the bowl-like shell, as the candle material consumes, so that the candle floats evenly and does not tilt and ship water, as the candle material consumes. A wick 3 may be located at the center of the candle or the line of gravitation.

In Figures 4 and 5 is shown a candle of this type with but two wicks 4, with their ends diametrically opposite each other and converging at their lower ends toward the center of the candle. In smaller candles, this arrangement of two wicks causes the candle body to hollow out evenly and causes the candle to remain afloat without tilting.

What I claim is:

1. A multi-wick floating candle including a solid candle body of consumable material having an exterior bowl-shaped configuration and having a diameter greater than its vertical dimension and floatable in a stable, upright, unsupported position in an open body of water slightly above the surface thereof, and a plurality of wicks embedded in the body and having their upper ends exposed and spaced in different radial directions from the center of the candle body, the wicks converging toward their lower ends toward the center of the body, whereby the candle body hollows out evenly into shell form when the wicks are ignited.

2. A multi-wick floating candle including a candle body composed entirely of consumable material having a horizontal dimension sufficiently greater than its vertical dimension to enable the candle body to float unsupported in a stable, upright position at the surface of an open body of water, the body being symmetrical relative to the center of gravity of the body, and a plurality of wicks embedded in the body and arranged with their outer exposed ends spaced apart from each other and located in different radial directions relatively to the center of gravity of the body, the wicks converging toward the center of gravity of the body whereby the combined action of the wicks, when the candle is burning, causes the candle body to hollow out substantially uniformly from the rim of the body to the center thereof providing a hollow shell protecting the flames from the water and causing the body to remain in upright stable position without a separate float or extraneous container for the candle.

3. A multi-wick floating candle including a solid candle body of consumable material having an exterior bowl-shaped configuration and having a diameter greater than its vertical dimension and floatable in a stable, upright, unsupported position in an open body of water slightly above the surface thereof, the body being symmetrical relative to its center of gravity, and a plurality of wicks embedded in the body and having their upper ends located eccentrically relatively to the center of gravity of the body in different directions from the center of gravity of the body, the wicks converging toward the center of gravity of the body, whereby the candle body hollows out evenly into shell form when the wicks are ignited.

THOMAS J. MUENCH.