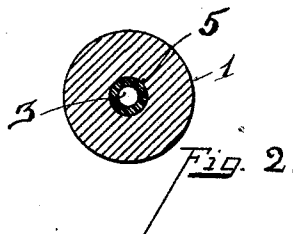
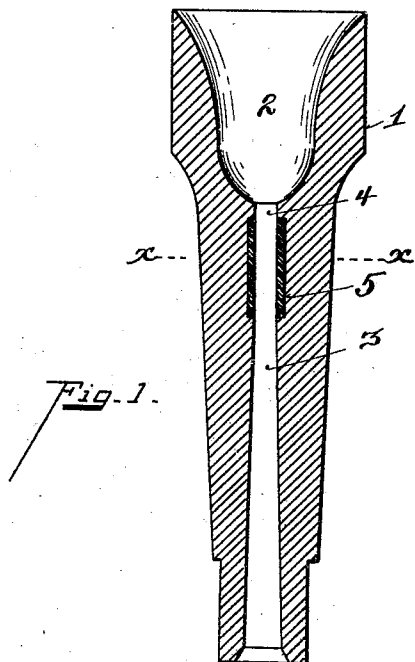


No. 806,973.

PATENTED DEC. 12, 1905.

J. T. HOMAN.
CANDLE TIP MOLD.
APPLICATION FILED MAR. 30, 1905.



Inventor

Witnesses

Oliver B. Kaiser
Leo O'Donnell

By

Joseph T. Homan
Wood & Wood.

Attorneys

UNITED STATES PATENT OFFICE.

JOSEPH T. HOMAN, OF CINCINNATI, OHIO, ASSIGNOR TO HOMAN & COMPANY, OF CINCINNATI, OHIO, A FIRM.

CANDLE-TIP MOLD.

No. 806,973.

Specification of Letters Patent.

Patented Dec. 12, 1905.

Application filed March 30, 1905. Serial No. 252,968.

To all whom it may concern:

Be it known that I, JOSEPH T. HOMAN, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Candle-Tip Molds, of which the following is a specification.

My invention relates to a candle-tip mold.

The features of my invention are more fully set forth in the description of the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a central vertical section of a candle-tip mold. Fig. 2 is a section on line *x x*, Fig. 1.

1 represents the candle-tip mold, formed of a soft metal which will not corrode from the action of the hot wax or tallow.

The mold contains the candle-tip portion 2 and the wicking-channel 3, tapered from the bottom in the direction of the tip portion 2.

In operation the wicking is fed upward through the channel 3 and passes centrally through the tip portion 2. The diameter of the neck of the channel 4 where it enters the tip portion 2 is the same diameter as the wicking, so as to seal the mouth of the channel 3.

The operation of candle-molding involves the drawing of the wick upwardly through the channel 3 each time a candle is formed, and this action rapidly wears away the soft metal forming the neck portion of the wicking-channel of the mold. When the molds become thus worn, they permit the entrance

of molten wax or tallow into the wicking-channel, which causes the wicking to stick in the channel 3. To effectually prevent this wearing, I place in the neck portion of the channel 3 a hardened ring 5, preferably of steel, the internal periphery of which is flush with the internal periphery of the channel 3.

This improvement substantially prevents the wearing action of the wicking against the neck portion of the wicking-channel.

It will be noted that the channel 3 is conical and that the continuing channel formed by the sleeve 5 is straight. By this means the wick can be drawn through the lower part of the channel without substantial wear on the soft metal, and in the straight portion of the channel, where the cross-section of the wick is substantially equal to the cross-section of the interior of the sleeve 5, the wear will be resisted by the hardened sleeve. This makes a very simple and durable mold.

Having described my invention, I claim—

A candle-mold formed of soft metal having a bell portion and a conical wick-channel, a hardened metal sleeve being located between the conical portion of the channel and the bell, substantially as described.

In testimony whereof I have hereunto set my hand.

JOSEPH T. HOMAN.

Witnesses:

OLIVER B. KAISER,
LUISE BECK.