

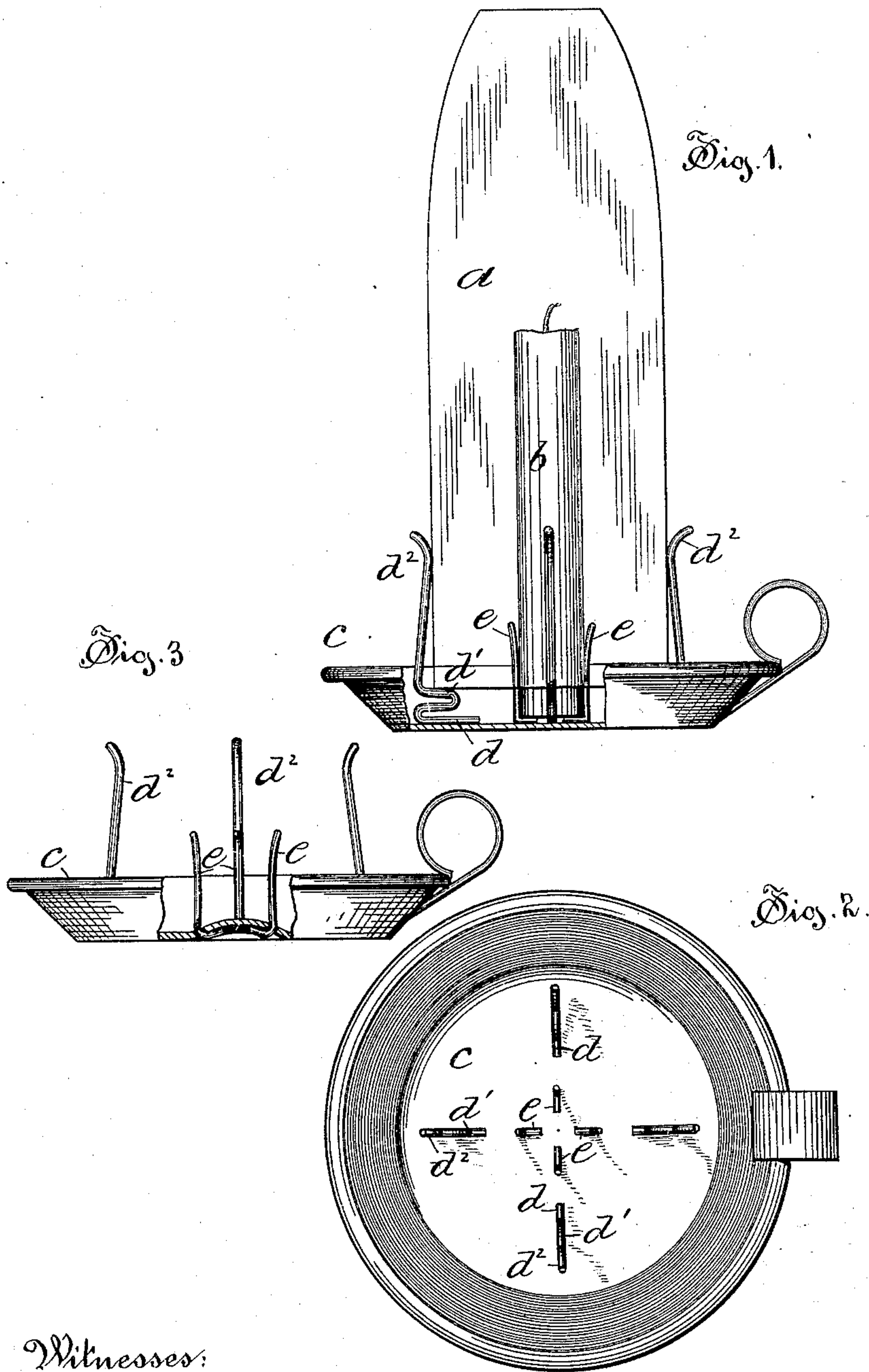
(No Model.)

J. W. HINEY.

CANDLESTICK.

No. 398,395.

Patented Feb. 26, 1889.



Witnesses:

H. R. Williams
G. G. Haddock

Inventor,

Jacob W. Hiney
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UNITED STATES PATENT OFFICE.

JACOB W. HINEY, OF ALBANY, NEW YORK.

CANDLESTICK.

SPECIFICATION forming part of Letters Patent No. 398,395, dated February 26, 1889.

Application filed September 27, 1887. Serial No. 250,848. (No model.)

To all whom it may concern:

Be it known that I, JACOB W. HINEY, of Albany, in the county of Albany and State of New York, have invented a certain new and useful Improvement in Candlesticks, of which the following is a description, reference being had to the accompanying drawings, wherein—

Figure 1 is an elevation view of a candlestick embodying my improvement with a portion of the base represented as broken away. Fig. 2 is a plan view of the base with the candle-supports and the chimney-supports. Fig. 3 is a view of a modified form of candlestick.

The object of this improvement is the production of a candlestick in which the candle is provided with a glass chimney so constructed as to prevent the flame from throwing off sparks when being carried about; also, to prevent the flame from melting the side of the candle and dropping the grease. However plentifully a house or other building may be supplied with gas-fixtures, it is still practically necessary to have portable lights for such purposes as visiting an attic, a cellar, or a clothes-press, or for looking into any dark corner or recess. Lamps are very undesirable for this purpose, mainly for the reason that oil is liable to be spilled and is dangerously inflammable. To provide a portable light that shall be free from such serious objections, and at the same time be cheap and have useful advantages, is the purpose of my improvement.

The letter *a* denotes a glass chimney, *b* a candle, and *c* a dish-shaped base. The chimney-supports, which are preferably four in number, are preferably made of round elastic wire. They are attached to the base, preferably, by having a foot, *d*, which is preferably soldered to the base. Above the point of attachment to the base each chimney-support bears an inwardly-projecting loop, *d'*. These serve as a rest for the bottom of the base of the chimney. Thence the chimney-supports are prolonged into upwardly-flaring uprights *d''*, which receive within them the chimney and support it laterally. The outwardly-flaring ends are for greater convenience in inserting the chimney within the chimney-supports.

These uprights are not strictly vertical, but they bear inwardly a little as they rise upward, for the purpose of making the contact between these uprights and the chimney an elastic contact. The height of the loops *d'* above the base is so calculated and placed that these tops are below the top of the sides or outer wall of the dish-shaped base, so that there is an opening left between the base and the bottom of the chimney for the introduction of air to support combustion; but the opening for air between the chimney and the base is purposely less in height than the wall or sides of the base, to the end that breezes may not freely blow into the air-opening and thereby unfavorably affect, if not extinguish, the light.

The letters *e* denote the candle-supports. They are made of round wire, preferably two pieces of wire, each formed into two springs or supports, and attached to the base, preferably by soldering. The dish-shaped base, already referred to, not only has the effect of protecting the air-opening, as already described, but it will also receive any wax or grease which may run down from the candle, and thereby prevent its escape upon furniture or the like.

By making the candle-supports and chimney-supports in the way and manner described the whole thing is very readily cleaned, for by simply immersing it in hot water any wax or grease which may have clogged thereon will melt and detach itself from the metal and leave the metal clean.

I claim as my improvement—

The candlestick herein described, consisting of the base *c*, provided with the spring candle-supports *e*, and the chimney-supports composed of wires formed with a foot, *d*, a chimney-rest loop, *d'*, arranged below the top of the side of the base, and the uprights *d''*, and the chimney *a*, all arranged as specified.

JACOB W. HINEY.

Witnesses:

MARCUS H. MALCOMB,
RALPH H. GOODRICH.