

No. 785,896.

PATENTED MAR. 28, 1905.

H. KÜHNERT.
CANDLE HOLDER AND EXTINGUISHER.

APPLICATION FILED JULY 5, 1904.

2 SHEETS—SHEET 1.

Fig. 1

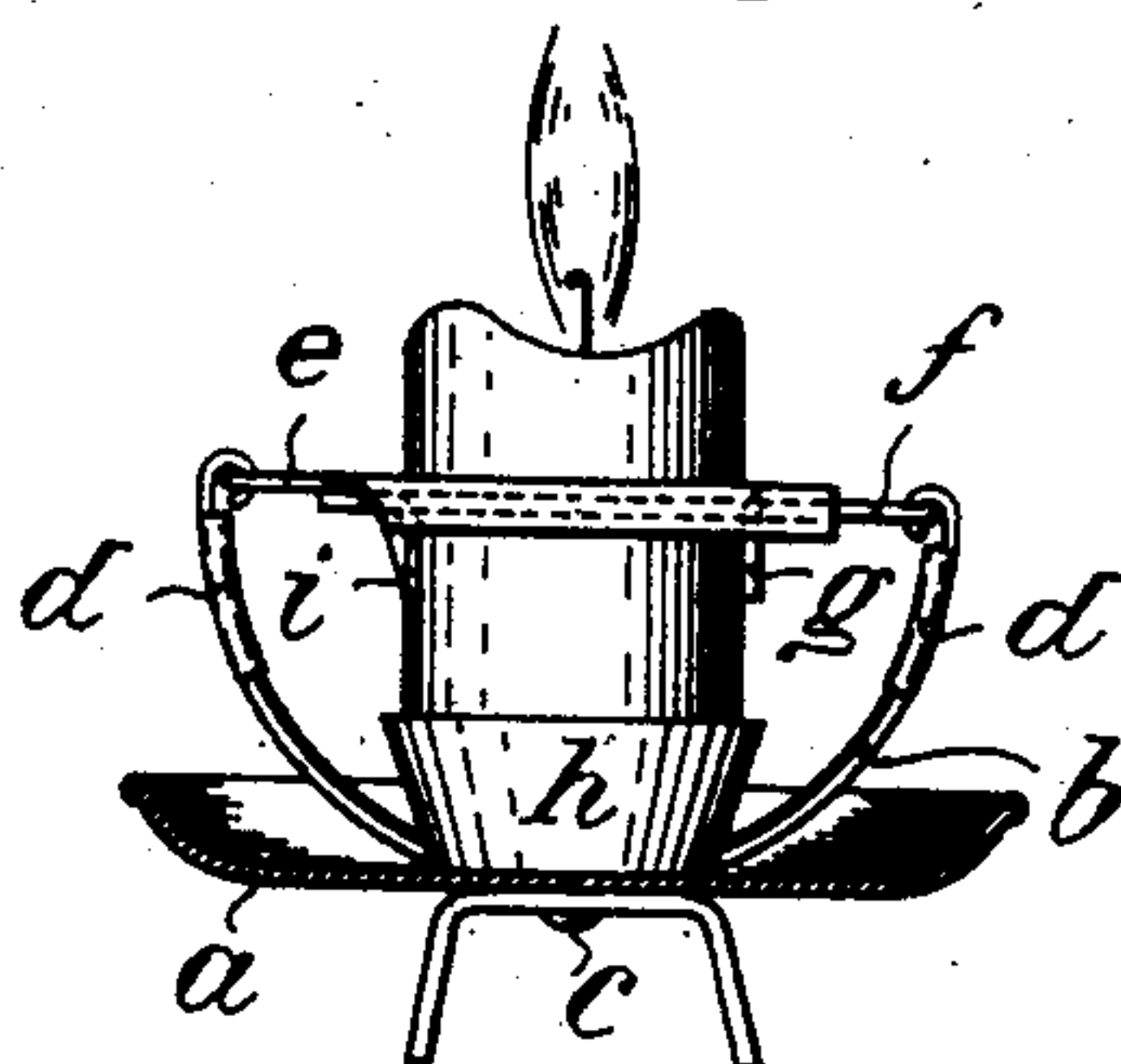
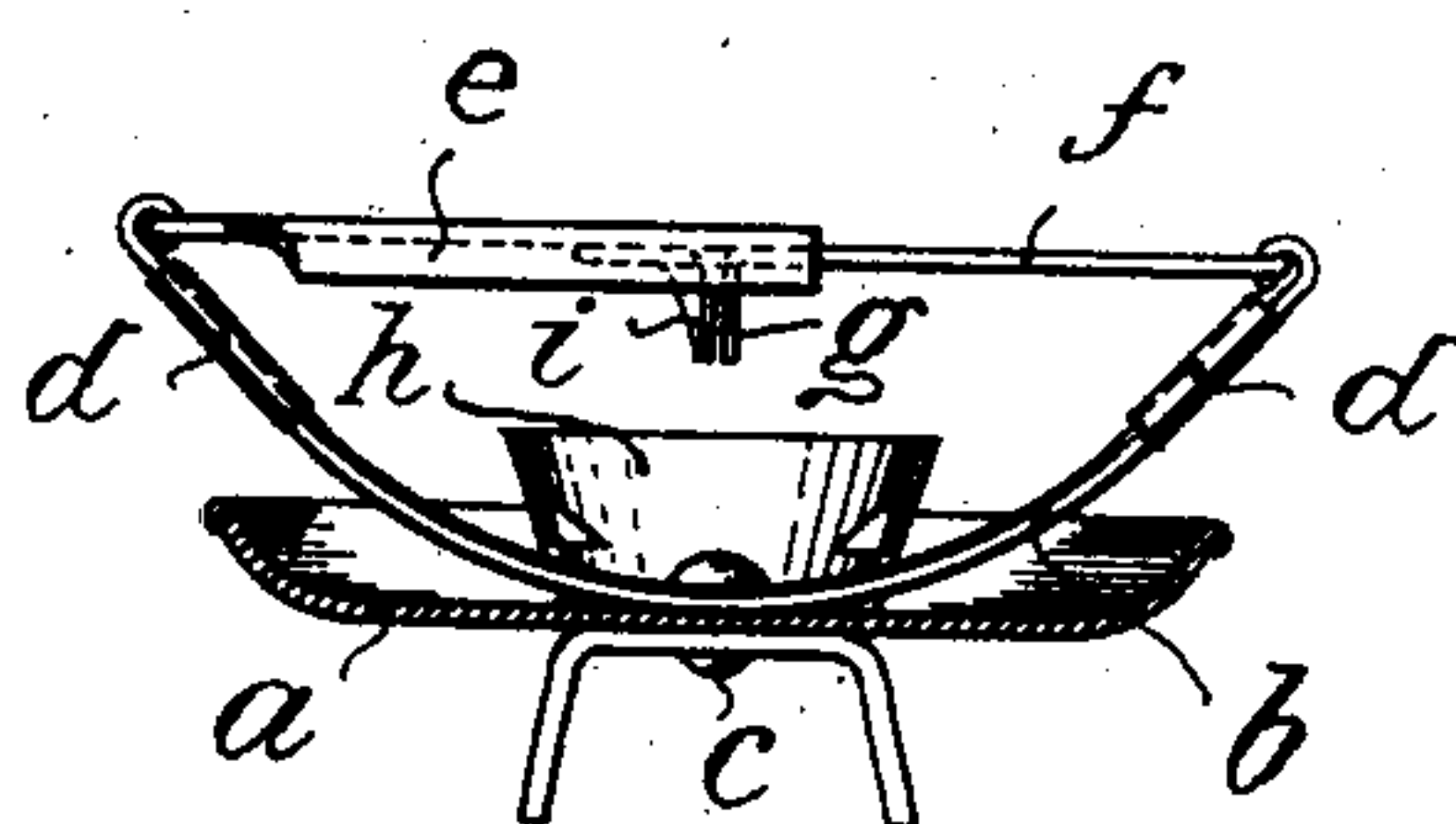


Fig. 2

WITNESSES.

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INVENTOR

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2 SHEETS—SHEET 2.

Fig. 3

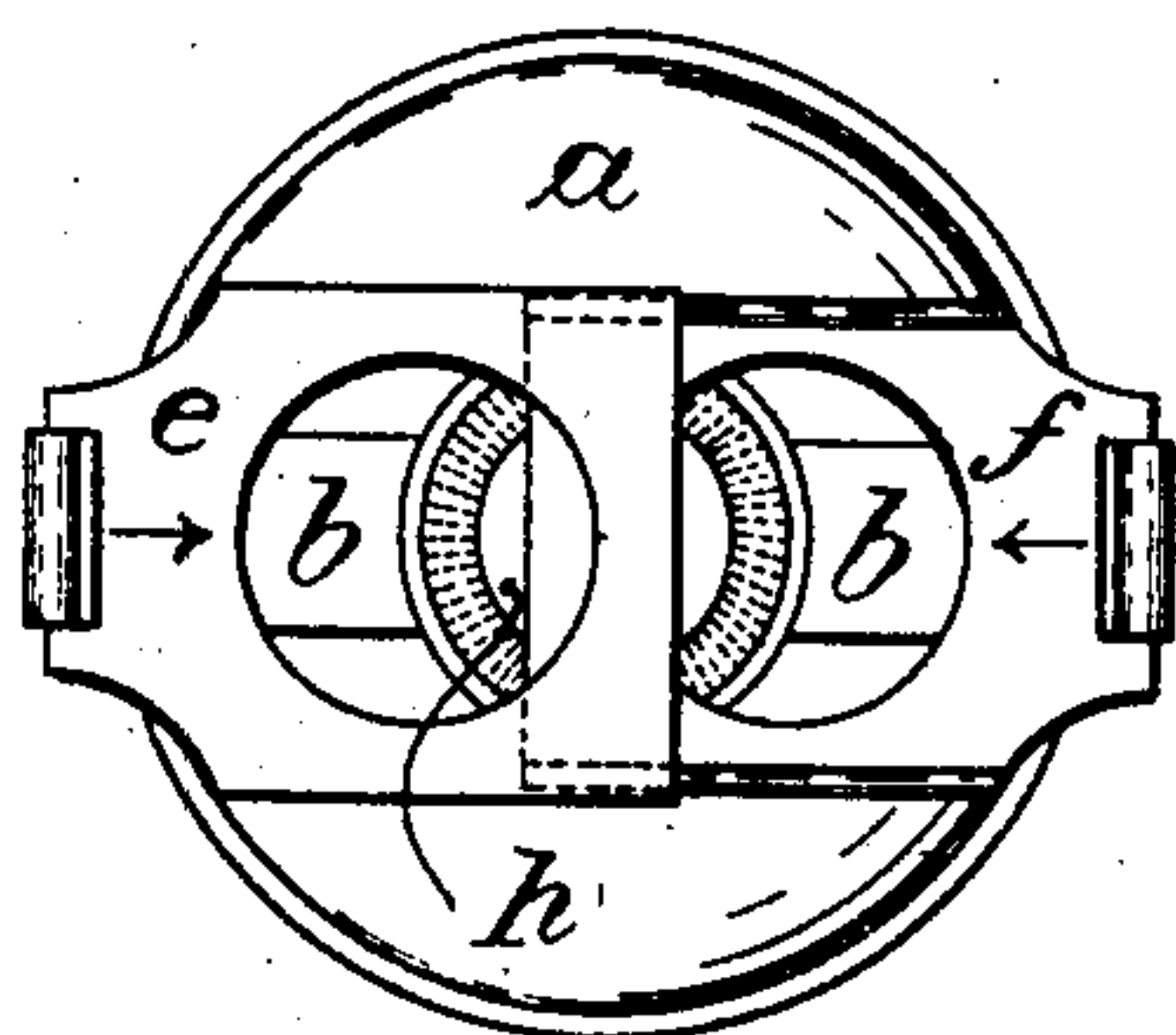
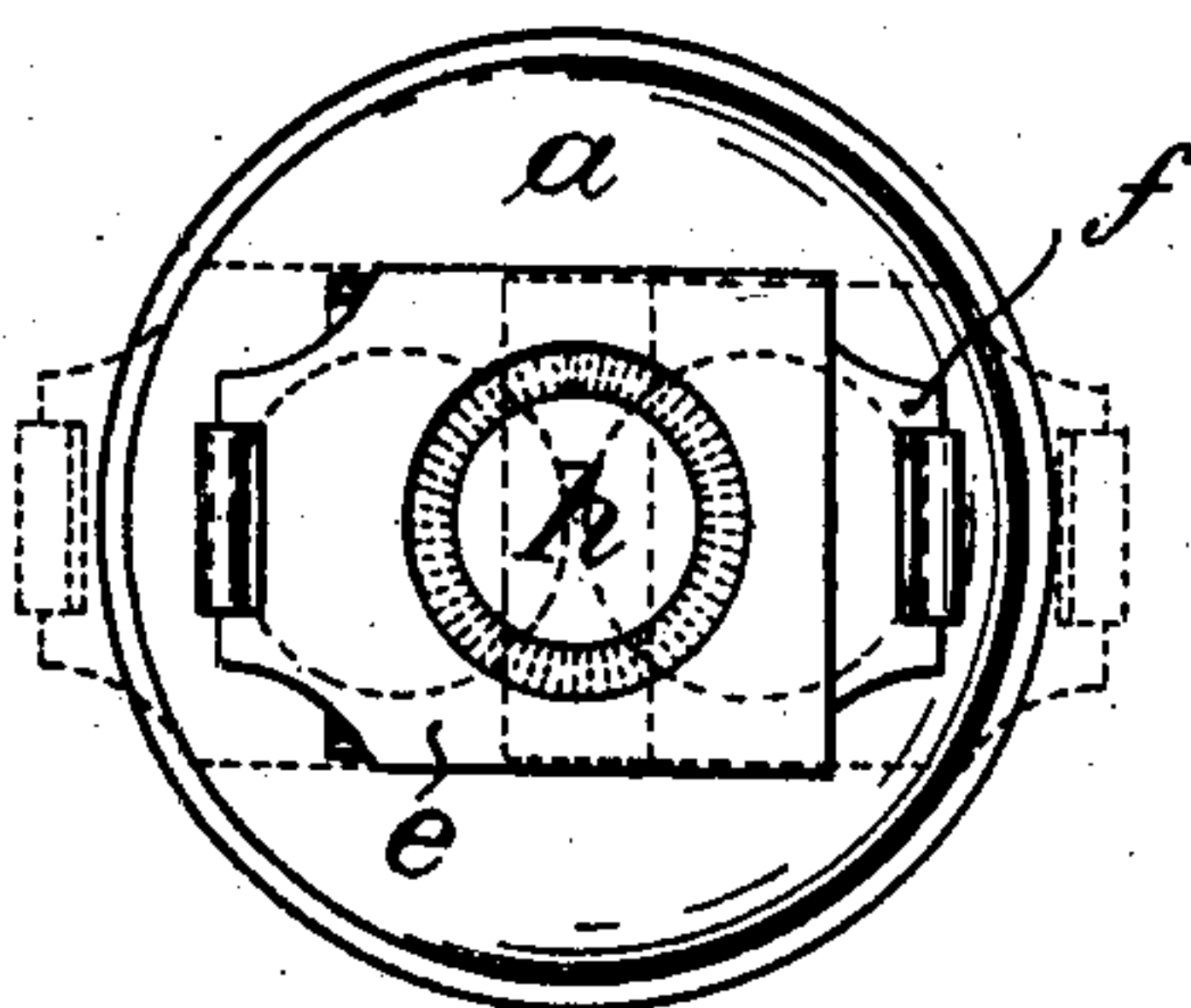


Fig. 4



WITNESSES

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UNITED STATES PATENT OFFICE.

HUGO KÜHNERT, OF BERLIN, GERMANY.

CANDLE HOLDER AND EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 785,896, dated March 28, 1905.

Application filed July 5, 1904. Serial No. 215,344.

To all whom it may concern:

Be it known that I, HUGO KÜHNERT, a subject of the Emperor of Germany, residing at and whose post-office address is 90 Ritterstrasse, Berlin, Germany, have invented certain new and useful Improvements in Candle Holders and Extinguishers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as

will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a device for securing candles, &c., in all kinds of candlesticks and the like.

The device is very simple in construction and enables candles, &c., of any thickness to be firmly secured in the candlestick. When the candle burns down low, the light is automatically extinguished, so that there is no danger whatever of fire, and the disagreeable smell of the smoldering wick is entirely avoided. The fixing device is provided with two horizontal superposed movable plates, which are held apart by spring tension, each of these plates being furnished with a hole for the candle, so that when the plates are pushed together against the action of the spring these holes coincide, and thus the candle which is introduced is simply and securely held by the gripping-plates, which have a tendency to spring outward.

In the accompanying drawings, Figure 1 is a vertical section of a candle holding and extinguishing device constructed according to this invention with the candle removed; and Fig. 2 is a similar view, showing the candle inserted in the holder. Figs. 3 and 4 are plans showing the extreme positions of the gripping-plates.

In the center of the ordinary dish or bowl like part *a* of a candlestick a bow-shaped plate-spring *b* is fixed by a rivet *c* or the like. On the two ends of this spring are connecting-pieces *d d*, each of which holds one of the above-mentioned gripping-plates *e f*.

The gripping-plate *e* is flexibly connected to that end of the spring *b* which appears on the left hand as seen in the drawings and has an opening in the middle, which is shown in

the drawings by means of dots, and its side edges are bent over to form a guide for the second gripping-plate *f* on the right, flexibly connected to the spring *b*. This plate has likewise an opening for the introduction of the candle.

It will be seen that the tendency of the spring *b* is to pull the two plates *e* and *f* outward, and in order that these plates may not be entirely disconnected with each other by this tensile action a small downward-bent projecting piece or stop *g* is provided in the plate *e* on the circumference of the hole in which the candle is inserted. When the gripping-plates are in the position shown in Fig. 1, the stop *g* bears against the edge of the hole in the plate *f*, so that the plate *f* cannot slip out of the guides formed on the plate *e*. When a candle is to be inserted, the two ends of the spring *b* are pressed together, so that the plates *e* and *f* slide one within the other, their respective holes coinciding and forming a central opening, through which the candle is inserted from above. The end of the candle rests in a suitable short socket *h*. If the ends of the spring *b* be now released, the two plates *e* and *f* take hold of the candle and retain it by means of the circumferential halves of the holes, which bear against it. In order that the grip may be made firmer and any guttering that may occur be rendered harmless, a projecting piece *i* may be formed on the circumference of the opening in the plate *f*, which, like the stop *g*, lies against the body of the candle. When the candle has burned down so low that the gripping-plates no longer meet with any resistance, they will be pulled apart under the spring tension and extinguish the flame.

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

1. A candle holder and extinguisher, comprising a support or socket for the candle, a pair of superposed sliding plates arranged above the support and provided with openings for receiving the candle when such openings coincide, and a bow-shaped spring-strip connected with the plates and support in such manner that when the openings coincide the

spring is in tension and is adapted to cause said plates to grip the candle and eventually to extinguish same, substantially as described.

2. A candle holder and extinguisher, comprising a support or socket for the candle, a pair of superposed sliding plates arranged above the support and provided with openings for receiving the candle when such openings coincide, stops or projections on the plates adjacent the openings arranged to prevent the plates from being drawn entirely apart and also to act as grippers for the can-

dle, and a spring connected with the plates and support in such manner that when the openings coincide the spring is in tension and is adapted to cause said plates to grip the candle and eventually extinguish same, substantially as described. 15

In testimony whereof I affix my signature in presence of two witnesses.

HUGO KÜHNERT.

Witnesses:

WOLDEMAR HAUPT,
HENRY HASPER.