

X. F. SCHNAPKA.
PEN AND PENCIL HOLDER.
APPLICATION FILED JULY 15, 1909.

Patented Nov. 15, 1910.

975,465.

Fig.1.

Fig.2.

Fig.4.

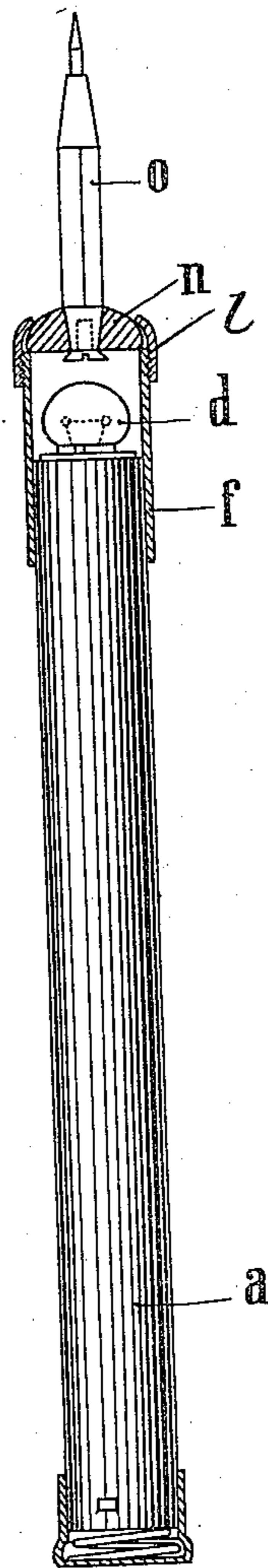
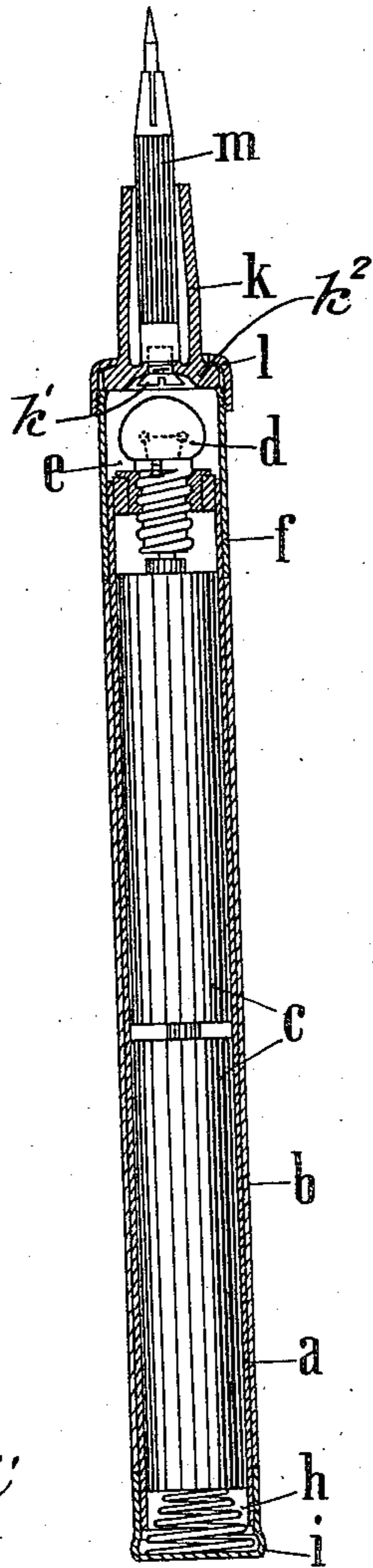
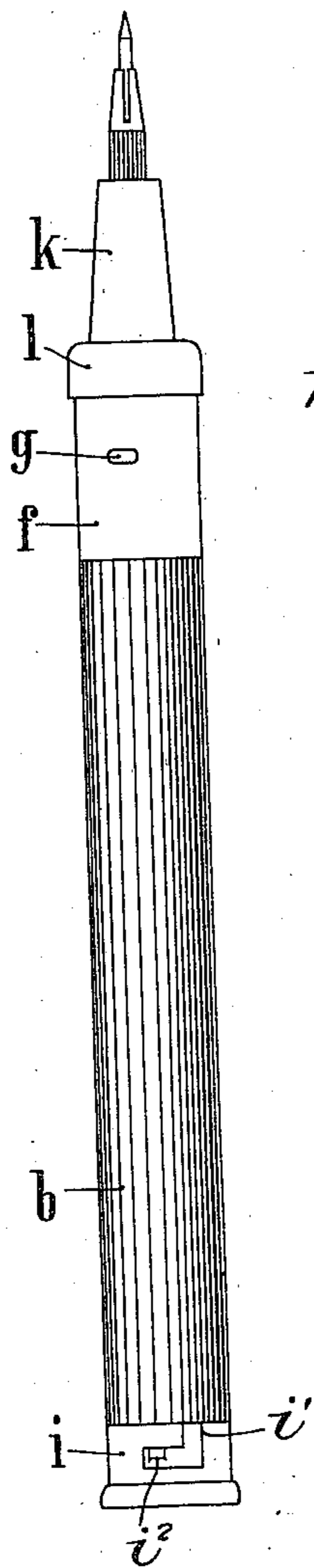


Fig.3.

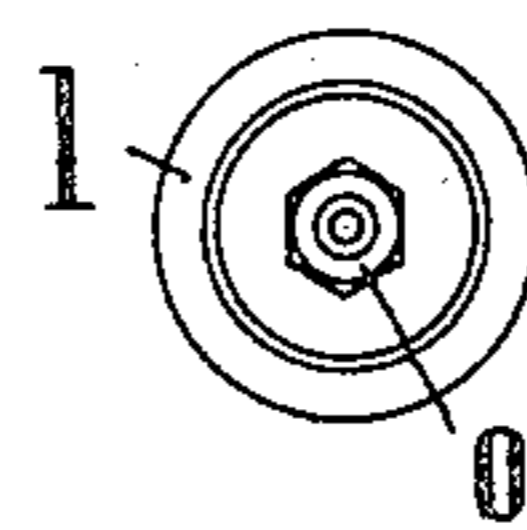
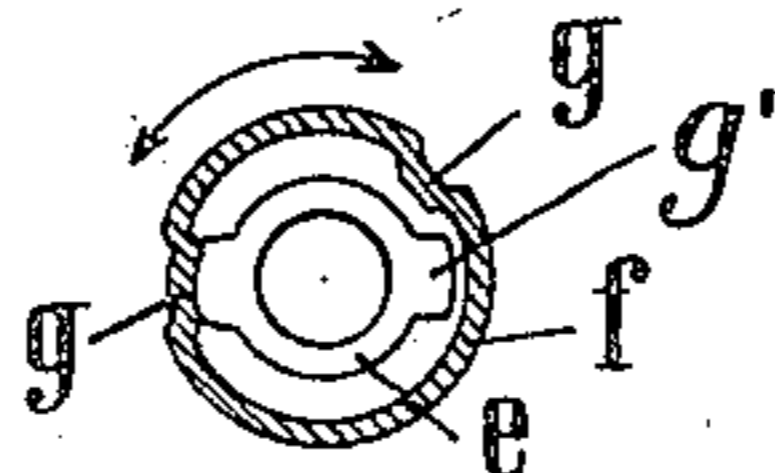


Fig.5.

Witnesses:

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UNITED STATES PATENT OFFICE.

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PEN AND PENCIL HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, XAVERA FRANZISKA SCHNAPKA, *née* Thomas, a citizen of the German Empire, and residing at Breslau, German Empire, have invented certain new and useful Improvements in Pen and Pencil Holders, of which the following is a full, clear, and exact description.

The present invention consists of a pen or pencil holder, which is provided with means for illuminating the nib or lead of the same, when necessary, so that it is possible to write in the dark with the same.

In order to render the present specification easily intelligible reference is had to the accompanying drawing in which similar letters of reference denote similar parts throughout the several views.

Figure 1 shows one form of embodying the invention in side elevation, Fig. 2 is a vertical section through the same, Fig. 3 is a cross section through the same taken above the contact plate for the lamp, Fig. 4 is a partial vertical section through a modified form of the pencil and Fig. 5 is a plan view of Fig. 4.

The holder consists of a hollow tubular handle *a* provided with a suitable covering *b* and adapted to contain a source of electricity, such as dry batteries *c c*. At the upper end of the handle a contact plate *e* is mounted to support the incandescent lamp *d*. In proximity to the lamp outside the handle a sleeve *f* is provided which is adapted to be turned on the handle and when turned into a certain position (Fig. 3) to make the circuit to the lamp from the batteries *c* by the contact of one or other of its depressions *g g* with one or other of the projections *g'* on the contact plate *e*. When the parts are in the position illustrated in Fig. 3 the circuit is closed and the lamp *d* will glow.

In order to project the light axially along the lead or to the pen, a glass body *k* is fixed to the end of the handle by means of a ring *l* and in this tubular glass holder *k* is fixed the lead holder *m* in which the black-lead is held in any of the known manners. The base plate *k²* of the glass body is provided with a hole and the lead holder *m* is secured therein by means of a screw *k'*. Thus the light from the lamp will be projected axially along the lead and will illuminate the point where the writing takes place.

In the modification shown in Figs. 4 and 5 a lens *n* is provided having a conical boring therein and the lead holder *o* is provided with a correspondingly shaped conical end, which fits the said opening and is secured therein by means of a screw.

In both modifications the batteries are advantageously held up against the contact plate *e* for the lamp, by means of a spring *h* inserted in the holder end and secured in position by means of a cap *i* which may be attached to the holder by means of an angular slot *i'* and a pin *i²* as will be readily understood.

It will be readily understood that instead of the lead holder a pen holder or a fountain pen might be substituted. Also the means for making or breaking the circuit to the lamp may be varied at will.

I claim as my invention:—

1. In a pen or pencil holder, comprising a source of electricity within the holder, an incandescent lamp also within the holder, electric connections from the said source of electricity to the said lamp and means for making and breaking the circuit the combination of a translucent closure to the end of the holder and means for supporting the writing utensil substantially in the center thereof, the said translucent closure being adapted to distribute the light on all sides of the writing utensil.

2. In a pen or pencil holder comprising a source of electricity within the holder, a lamp also mounted within the said holder, electric connections from said source of electricity to the said holder, the combination of a contact plate intermediate of the lamp and source of electricity a rotary sleeve externally of the holder and means in connection therewith for making contact to the lamp when the said sleeve is turned on the said holder, a translucent closure to the said holder having means to support the writing utensil substantially in the center thereof the said translucent closure being adapted to distribute the light on all sides of the writing utensil.

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

XAVERA FRANZISKA SCHNAPKA.

Witnesses:

ERNST KATZ,
PEARL SEIFER.