

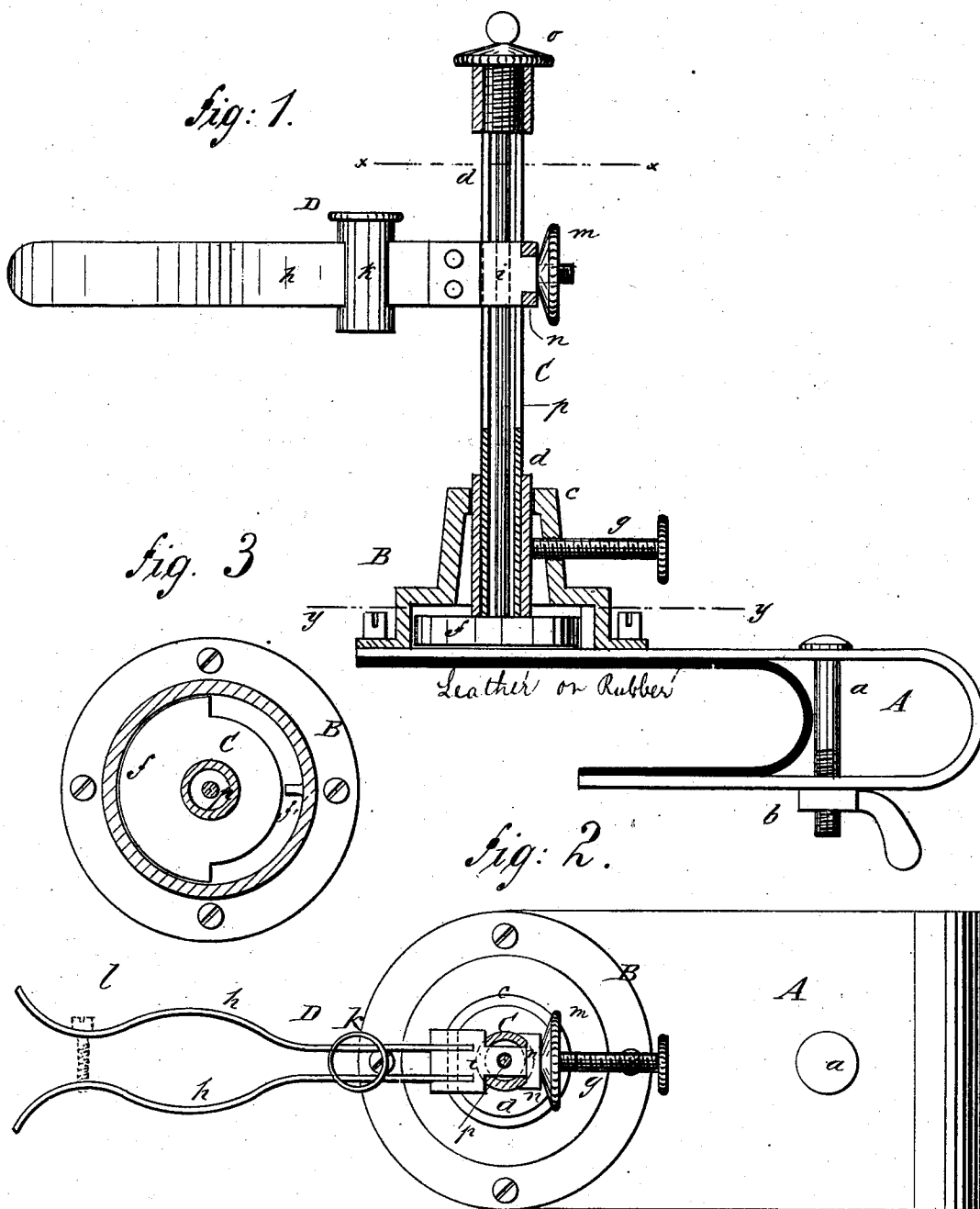
(No Model.)

J. H. GRAMPS.

LAMP SUPPORTER.

No. 244,589.

Patented July 19, 1881.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN H. GRAMPS, OF STONE ARABIA, NEW YORK.

LAMP-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 244,589, dated July 19, 1881.

Application filed May 2, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. GRAMPS, of Stone Arabia, in the county of Montgomery and State of New York, have invented a new and useful Improvement in Lamp-Supporters, of which the following is a specification.

The object of my invention is to provide a holder for use with ordinary hand-lamps, by which such lamps can be securely held on sewing-machines, tables, &c., and at other places where there is liability of the lamps being upset.

The invention consists in a combined clamp and adjustable holder adapted for being secured to the edge of a table, and for holding the lamp in any position required, as herein-after described and claimed.

In the accompanying drawings, Figure 1 is a sectional side elevation of the supporter. Fig. 2 is a horizontal section on line *x x* of Fig. 1, and Fig. 3 is a horizontal section on line *y y*.

Similar letters of reference indicate corresponding parts.

A is the clamp of the supporter, consisting of a strip or plate of metal bent in U form, so that it may be readily slipped upon the edge of a table cover or leaf, and fitted with a screw, *a*, and nut *b*, by which the plate can be tightly clamped. The clamp is lined with rubber, leather, or other suitable material, to prevent injury to the table.

B is the base of the supporter, consisting of a circular plate fixed on the clamp, which plate is recessed at the under side and formed with a central raised portion, *c*, that is apertured or formed hollow.

C is a post, consisting of a tube having longitudinal slots *d* at opposite sides for nearly its whole length. This tubular post is attached upon a circular disk or plate, *f*, that is within the recess beneath base B, so that the weight of the post and its attached parts rest on the clamp A, and the post is free to be turned. I prefer to cut out one side of the disk *f* to form shoulders at opposite sides, for engagement with a pin, *f'*, projecting inward from the base, whereby the rotation of the disk and post is

limited more or less. A set-screw, *g*, tapped through the raised portion of the base, serves for clamping the post in position as turned.

D is the lamp-holder proper, consisting of spring-arms *h h*, attached by one end to a slide, *i*, that is fitted in the slotted post C. The arms are shaped properly to receive the lamp between them, and are fitted with suitable devices for pressing them tightly upon the lamp. At *k* is shown a ring-slide for drawing the arms together, but a screw, as shown in dotted lines at *l*, may be used. The slide *i* extends through the post, and is fitted with a clamping-nut *m* and washer *n*, so that the holder D may be adjusted at the desired height and then clamped.

The post C is fitted with a screw-cap, *o*, from which a rod, *p*, extends through the slide *i* and into the bottom disk, *f*, of the post. This rod serves as an additional support on which the slide moves, and to stiffen the post.

With this construction the supporter can be fixed at the place desired and the lamp held in any position, as most convenient. The danger of the lamp being thrown off the table or upset is thus avoided. There is the further advantage that the supporter and lamp together are less in the way than the lamp alone when set on the table.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination of holder D, perforated slide *i*, and clamping-nut *m*, with slotted post C, rod *p*, cap *o*, base B, and clamp A, substantially as described.

2. The lamp-supporter consisting of clamp A; recessed base B, disk *f*, slotted post C, rod *p*, cap *o*, slide *i*, and holder D, substantially as and for the purposes specified.

3. The rod *p* and screw-cap *o*, combined with the slotted post C and slide *i* of the lamp-holder, substantially as and for the purposes set forth.

JOHN H. GRAMPS.

Witnesses:

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