

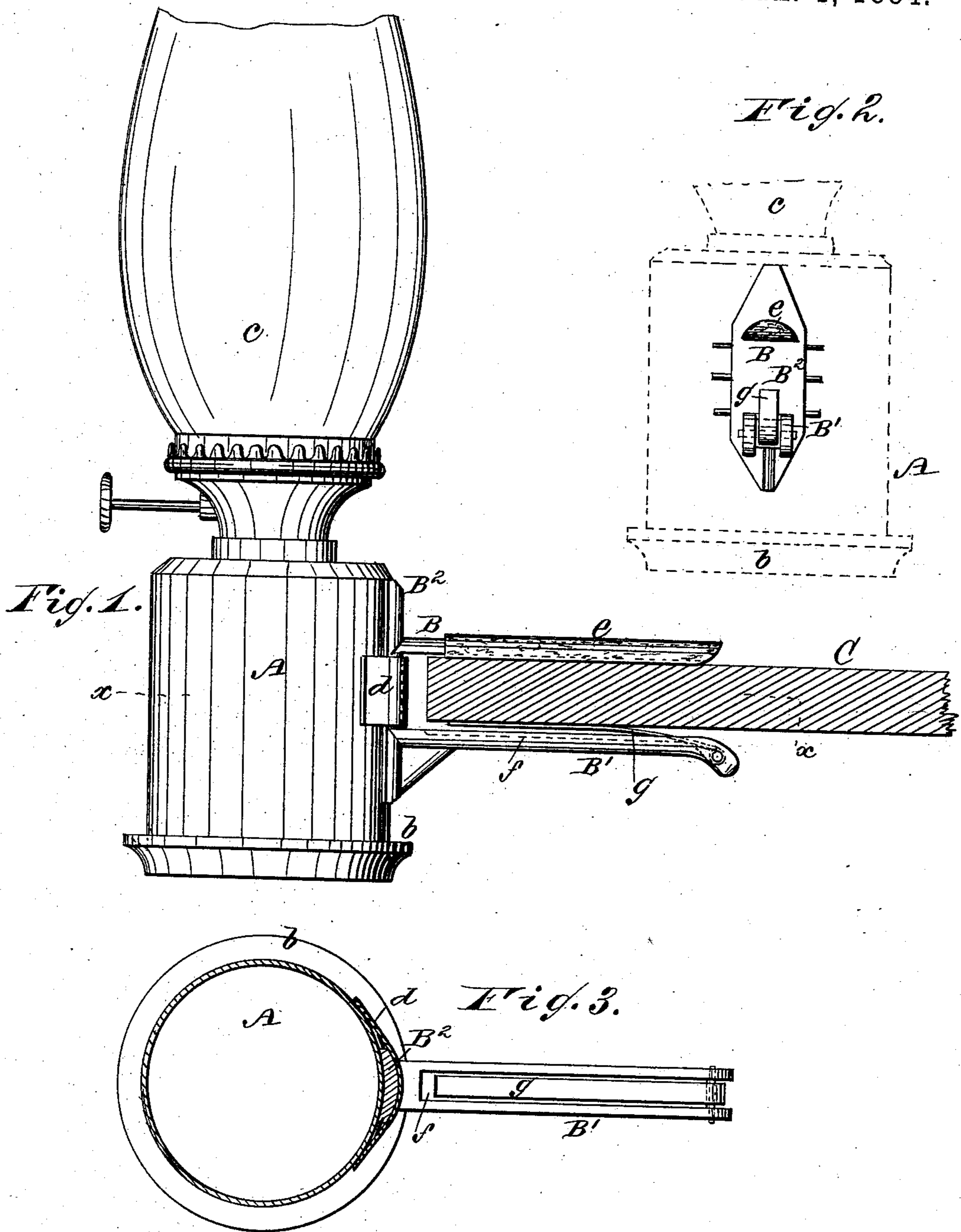
(No Model.)

C. H. BENNETT.

LAMP.

No. 291,024.

Patented Jan. 1, 1884.



WITNESSES:

*Theo. G. Hoster.*  
*L. Sedgwick*

INVENTOR:

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BY

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# UNITED STATES PATENT OFFICE.

CHARLES H. BENNETT, BLOSSBURG, PENNSYLVANIA.

## LAMP.

SPECIFICATION forming part of Letters Patent No. 291,024, dated January 1, 1884.

Application filed May 23, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. BENNETT, of Blossburg, in the county of Tioga and State of Pennsylvania, have invented certain new and useful Improvements in Lamps, of which the following is a full, clear, and exact description.

This invention relates to lamps provided with brackets or clamps for holding them in position on the table or other surface on which they may be placed; and it consists in a novel construction of an attached bracket or clamp having a spring-hold, which not only readily admits of the lamp being firmly secured in position on a table or shelf by the attached clamp being slipped on or over the edge of the table or shelf, and of being as quickly removed when required, but which also forms a convenient handle for carrying the lamp from place to place, as when, for instance, the lamp is required for portable or general use. Its special though not exclusive use, however, is that of a lamp for attachment to sewing-machine tables, buttry or pantry shelves, and kitchen and other like tables, to prevent the lamp being knocked down or thrown off its supporting-surface, whereby loss of life and property so common to such accidents will be avoided.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a side elevation of a lamp with clamp attached in accordance with my invention, and showing the same as secured to a table top or shelf. Fig. 2 is a front end view of a clamp as applied to the lamp-body, which is shown only in dotted lines; and Fig. 3 is a horizontal section on the line *x x*, in Fig. 1, omitting the portion of the table top or shelf shown in that figure.

A in the drawings indicates the body of the lamp, which may be an ordinary tin one, with a saucer, *b*, beneath to catch dripping oil, and which may or may not carry a shade, *c*.

B B' are two parallel rigid clamp-jaws arranged to project horizontally from one side of the body of the lamp and at a suitable distance apart to receive freely between them the edge portion of a sewing-machine or other ta-

ble top or shelf, C. Said jaws are open at their outer ends, as also longitudinally on both sides, but are attached at their inner ends to a base or end piece, B<sup>2</sup>, of the clamp or bracket, which may be made wholly of iron or other metal. The clamp may be secured to the body of the lamp by constructing the base-piece B<sup>2</sup> to fit said body and fastening it thereon, as also the jaws to their place, by a strip of tin, *d*, introduced between the jaws over or on the base B<sup>2</sup>, and soldering the ends of the tin down on the body A, as also applying solder in cavities left by the binder or tinned holder *d*; or the clamp may be otherwise suitably secured to the body A of the lamp. The upper jaw, B, of the clamp may, if desired, be faced or covered with cloth or soft material *e*, to prevent it marring the table-top to which it may be applied and to assist in the grip of the clamp. The lower jaw, B', has a longitudinal groove, *f*, made in its inner face, within which is inserted a flat spring, *g*, secured at its outer end to said lower jaw, so as not to interfere with the slipping of the clamp to its place, but free at its opposite or inner end, and set so as to fly or work upward. The top surface of the upper jaw, B, and under surface of the lower jaw, B', are rounded off, so that the clamp may be conveniently used as a handle for carrying the lamp about, as for kitchen or general use.

By the construction of the attached clamp as described the lamp may be as quickly secured upon the marginal portion of a table-top or shelf as an ordinary lamp having no such attachment can be set down in its place, and it may be as quickly removed when required and carried about by the clamp as a handle. The lamp, however, will be securely held in position when slipped onto a table-top or shelf as described, not being liable to be easily knocked off, by reason of the bearing pressure of the spring *g* of the clamp, loose to roll up at its inner end, and which, working in and out of the groove *f*, is guided or steadied in its action, whereby, also, an enlarged capacity is given for adapting the clamp to different thicknesses of table-tops or shelves. Applied to any one of a series of lower shelves in a buttry or pantry it will hold secure without danger of firing the shelf above, inasmuch

as the lamp will project outward from the shelf to which it is applied.

Used on a sewing-machine table, the light will be arranged at a proper height for the operator, and the lamp secured against being shaken or knocked off, thus avoiding the risk of fire and loss of life and property consequent thereon.

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

1. The combination, with a lamp-body, of an attached clamp having upper and lower fixed jaws arranged to project parallel with one another, and at a suitable distance apart from the side of said body, and an interposed clamping-spring applied to the one of said jaws, substantially as specified.

2. The holding bracket or clamp composed of a base or end piece,  $B^2$ , constructed to fit on or against and be supported by the body of a lamp, fixed upper and lower parallel

jaws,  $B B'$ , arranged to project from the face of said base, and a clamping-spring applied to the lower one of said jaws, essentially as specified.

3. The combination, with the lamp-body  $A$ , of the attached bracket or clamp-base  $B^2$ , the parallel upper and lower jaws,  $B B'$ , having a fixed relation to said base, and projecting therefrom at right angles to the body  $A$ , and constructed to form a handle for the lamp, and the longitudinal clamping-spring  $g$ , secured at its outer end to the lower jaw, but free at its opposite end, and arranged to work in and out of a longitudinal groove,  $f$ , in the face of the lower jaw, substantially as shown and described, and for the purposes herein set forth.

CHARLES H. BENNETT.

Witnesses:

W. H. GAYLORD,  
E. S. SCOFIELD.