

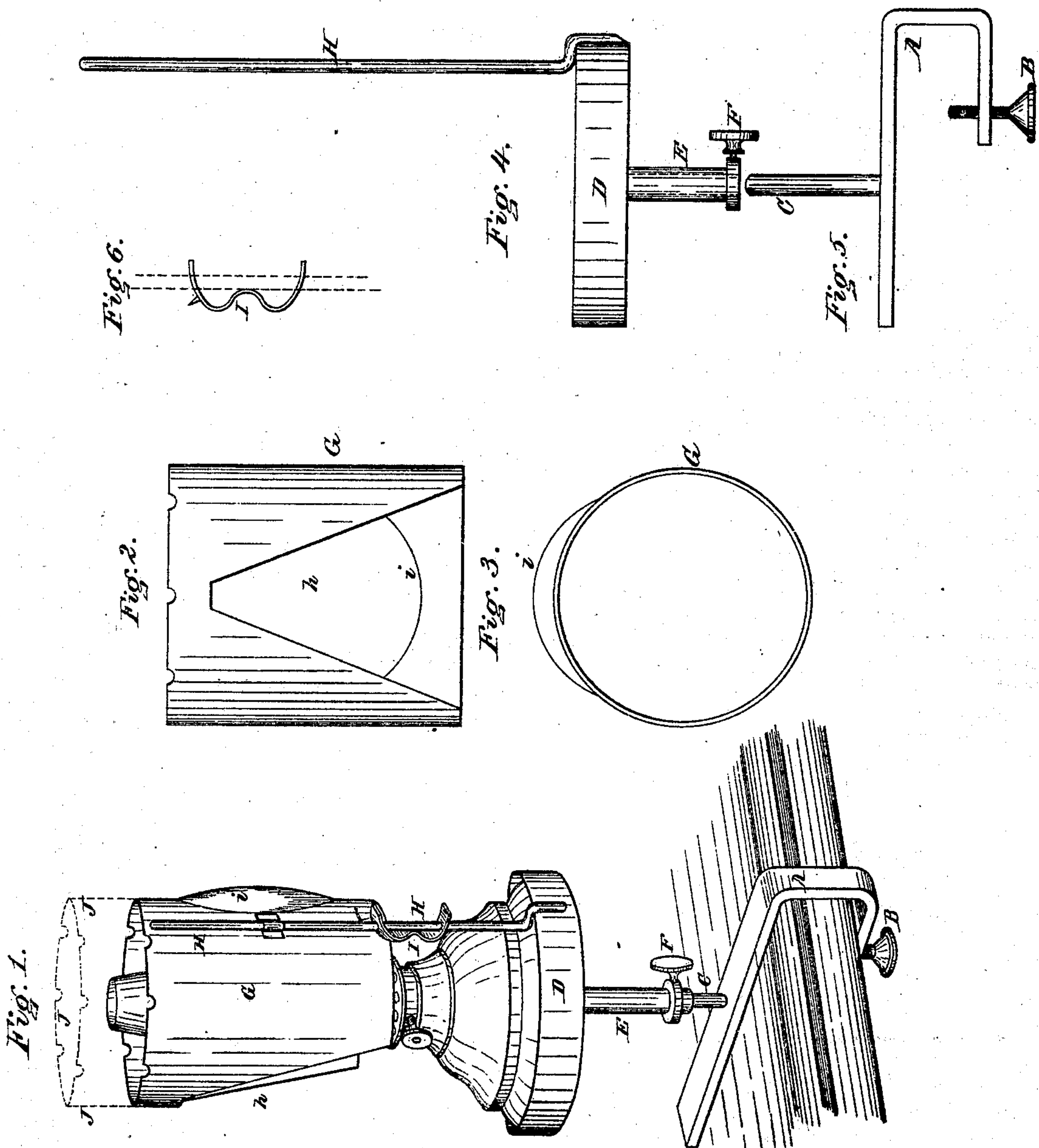
(90.)

W. H. HAWKINS.

Lamp Holder and Shade.

No. 122,886.

Patented Jan. 23, 1872.



WITNESSES.

W. P. Stanton.
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INVENTOR.

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WILLIAM H. HAWKINS, OF CLEVELAND, OHIO, ASSIGNOR TO HIMSELF, W. H. LAWRENCE, AND E. E. HAWKINS, OF SAME PLACE.

IMPROVEMENT IN LAMP-HOLDERS AND SHADES.

Specification forming part of Letters Patent No. 122,886, dated January 23, 1872.

I, WILLIAM H. HAWKINS, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain Improvements in Lamp-Holders and Shades, of which the following is a specification:

The first part of my invention relates to a combination of a lamp-holder with a clamp and clamp-spindle in such a manner that the said lamp-holder shall be capable of revolving or being elevated upon the perpendicular spindle of said clamp; the object of this part of my invention being to secure a safe receptacle for a lamp, and capable of being fastened to the clamp-spindle at any point desired. The second part of my invention relates to the combination, with the clamp, clamp-spindle, and lamp-holder, of a cylindrically-shaped piece of tin, or other suitable metal, secured to said lamp-holder by means of a metallic rod attached to and extending perpendicularly from said lamp-holder, and capable of being elevated thereon by means of a spring attached to said rod, which cylindrically-shaped piece of metal is so formed as to constitute in itself a shade, reflector, and support for warming purposes.

The following is a description of the accompanying drawing: Figure 1 is a perspective view. Fig. 2 is a front view of the combined shade, reflector, and support for warming purposes. Fig. 3 is a top view of the same. Fig. 4 is a view of the lamp-holder. Fig. 5 is a view of the clamp and clamp-spindle. Fig. 6 is a view of the spring which forms a support for the shade, reflector, &c., at any desired point up or down.

General Description.

A is the clamp, which may be readily attached to a table, stand, &c., by means of the set-screw B. From the top of the clamp A extends the perpendicular spindle C. D is the lamp-holder, made of sufficient depth to hold the lamp securely in position, and to prevent any overflow of oil from soiling the stand or other objects. E is a metallic tube, one end of which is secured to the under side of the lamp-holder D. This metallic tube receives the spindle C, and is secured at any point thereto by means of the set-screw F. G is the cy-

lindrically-shaped piece of metal, having an opening at *h* and a depression forming a reflector at *i*. While this piece of metal thus formed effectually shades the eyes, it at the same time concentrates the rays of light upon any desired object or operation; for instance, the operation of a sewing-machine at night, upon dark goods especially, with the aid of lamps as commonly arranged is very painful and trying to the eyes; whereas with my invention the cylindrically-shaped piece of metal G is so formed as to concentrate a brilliant light upon that part of the machine where the strongest light is needed—namely, the needle and the work passing directly beneath it—while at the same time, by effectually shading the eyes of the operator, he is able to guide his work more accurately, and without experiencing a feeling of dizziness and headache; and as the lamp is held securely in position there is no danger of its being overturned by the jarring of the machine while in operation. The metallic piece G is held in position about the lamp by means of the metallic rod H secured to and rising perpendicularly from the lamp-holder D, and being free to move up and down upon the same, is held at any desired point by means of the spring I.

When the metallic piece G is elevated to the point shown by the dotted lines J, Fig. 1, it becomes a suitable support for a small vessel containing liquids to be heated in case of sickness or otherwise, thus making the combined arrangement very convenient and serviceable for nursery use also.

Claims.

I claim as my invention—

1. The combination of the clamp A and clamp-spindle C with the tube E, lamp-holder D, and cylindrically-shaped piece of metal G.

2. The cylindrically-shaped piece of metal G so arranged as to form in itself a lamp-shade, reflector, and support for heating purposes, all as substantially shown and set forth.

WILLIAM H. HAWKINS.

Witnesses:

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