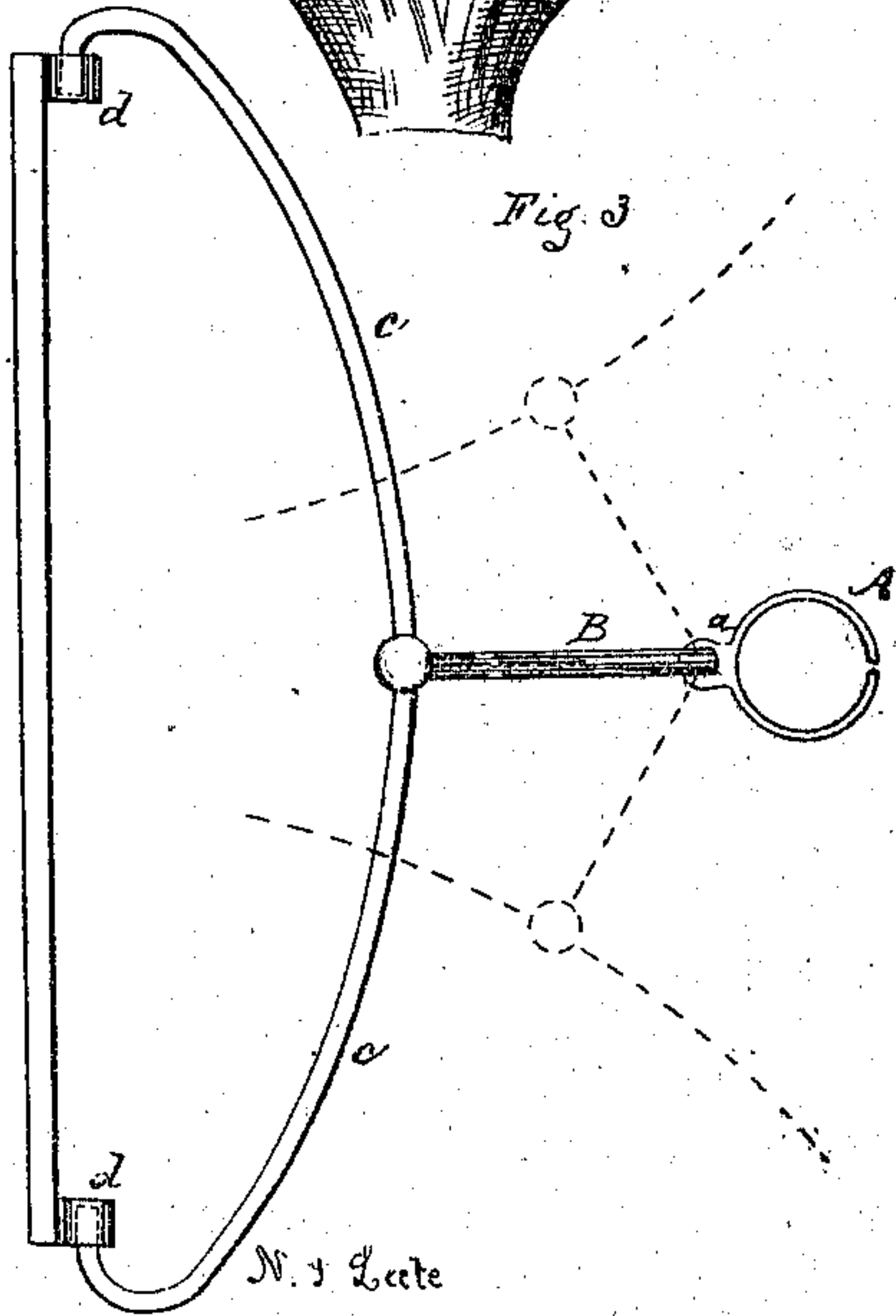
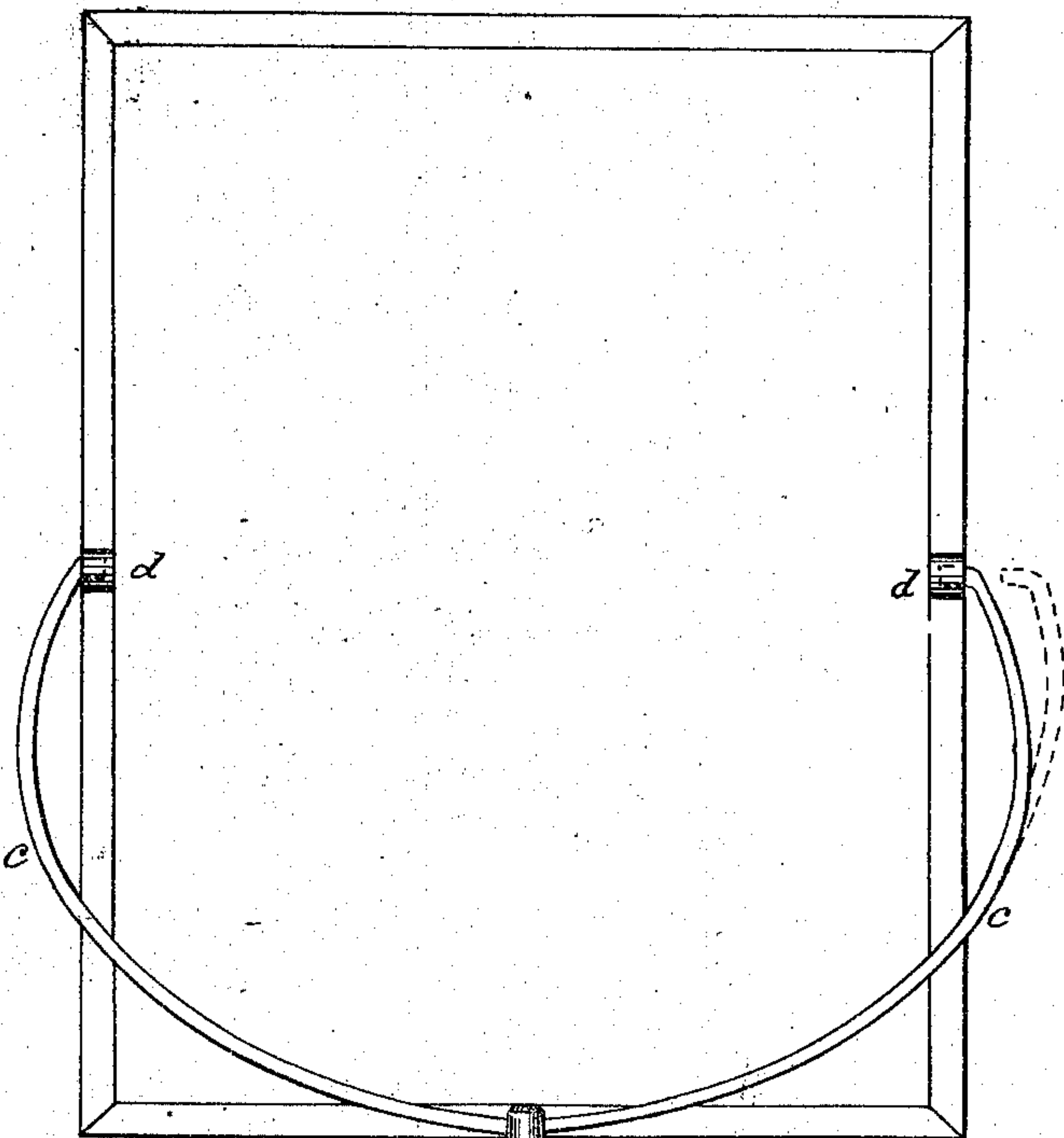
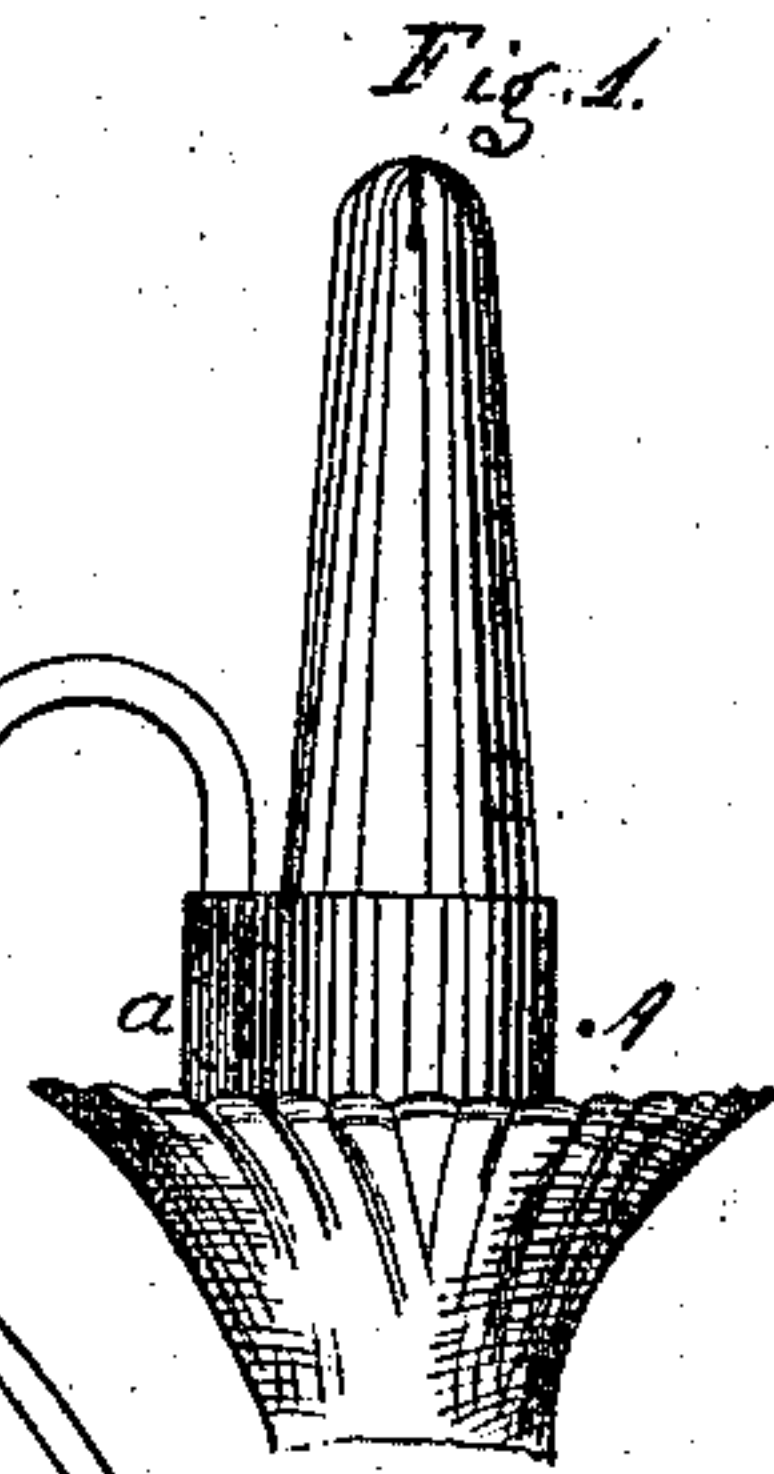
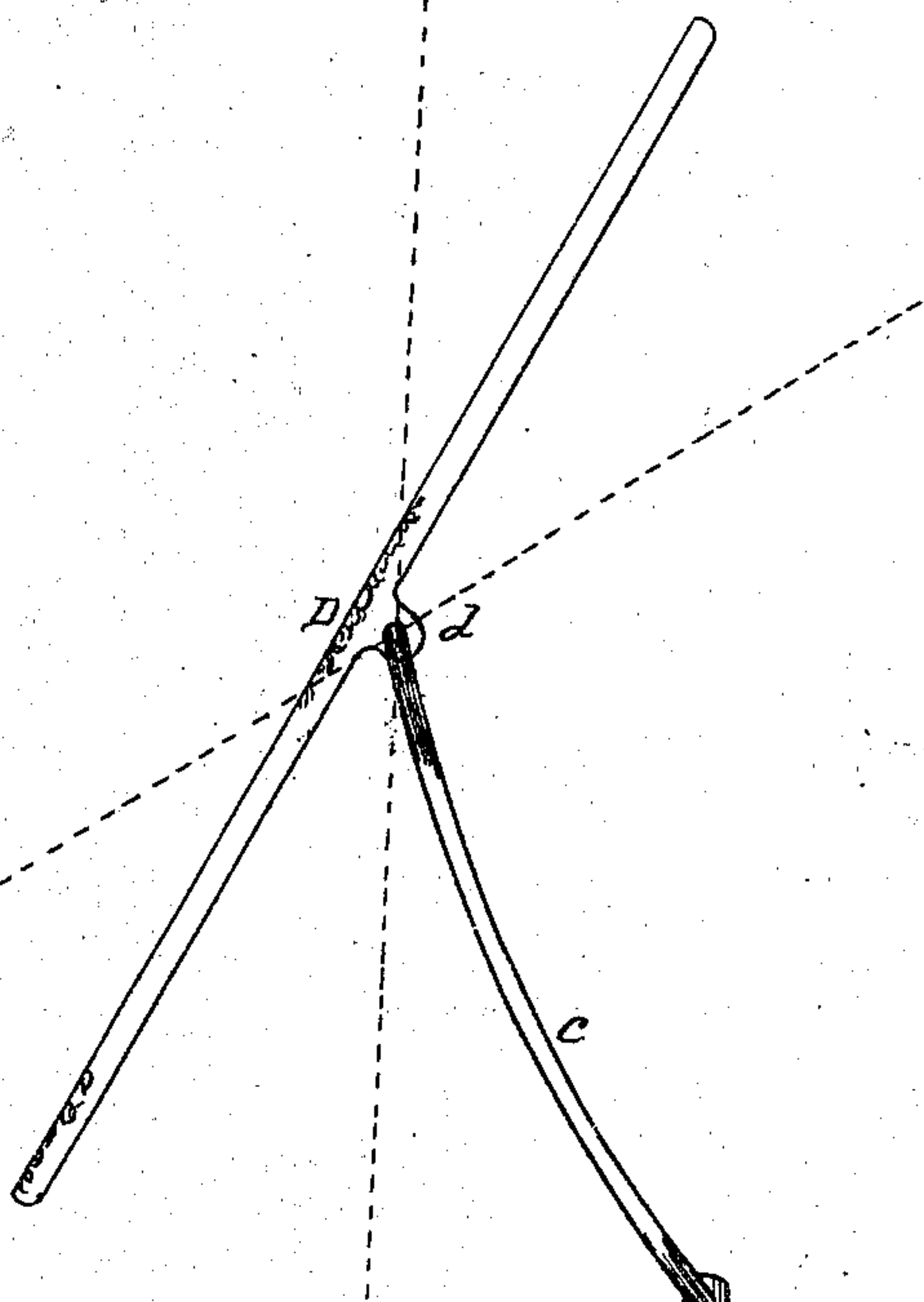
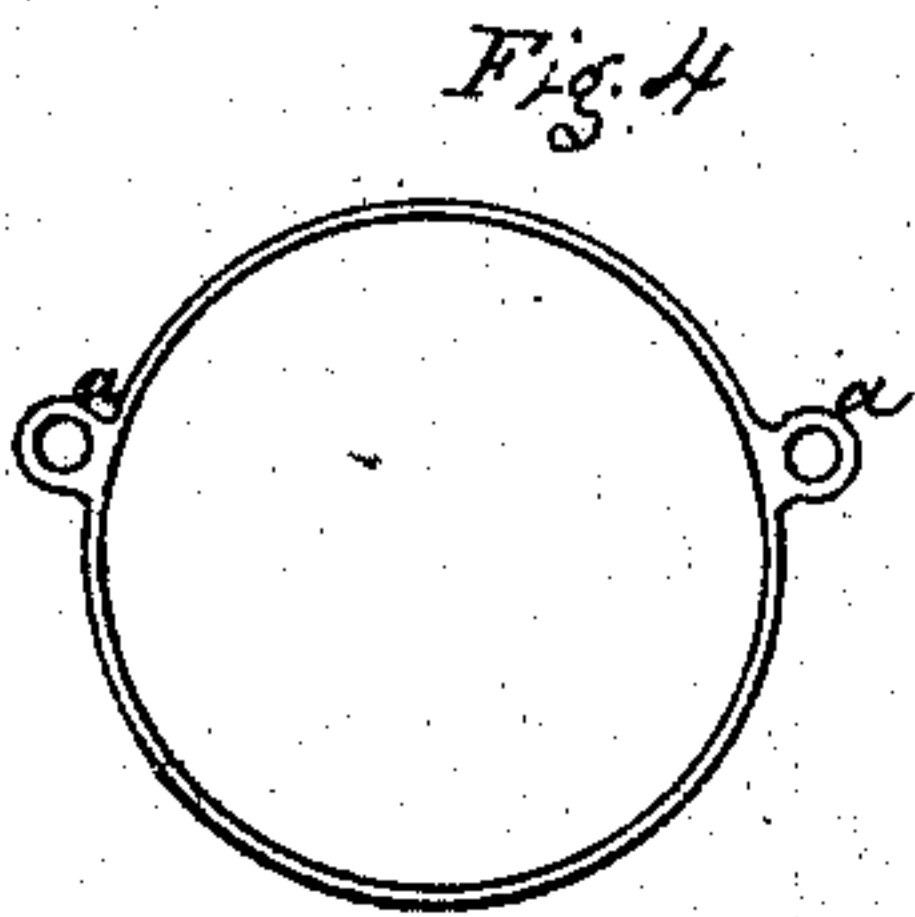


*N. F. Leete,
Lamp Shade.*

Nº 75,932.

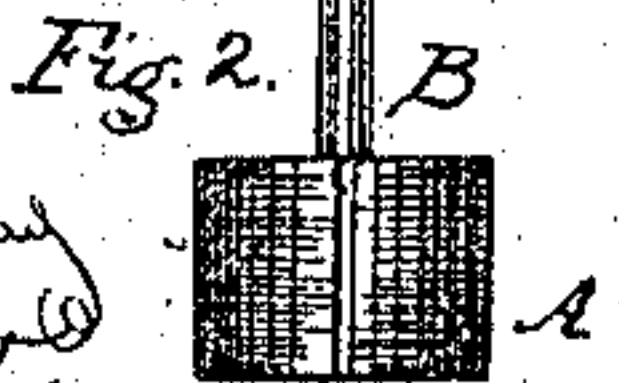
Patented Mar 24. 1868.



*N. F. Leete
Inventor*

Witnesses

*John D. Hummel
a. j. Tibbitts*



By his Attorney

Wm. Earle

United States Patent Office.

N. F. LEETE, OF MIDDLETOWN, CONNECTICUT.

Letters Patent No. 75,932, dated March 24, 1868.

IMPROVEMENT IN LAMP-SHADES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, N. F. LEETE, of Middletown, in the county of Middlesex, and State of Connecticut, have invented a new Improvement in Lamp-Shade; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view.

Figure 2, a front view.

Figure 3, a top view; and in

Figure 4 a ring adapted for the shade of kerosene and similar lamps.

This invention is designed as an adjustable shade for burners of lamps, gas, or other lights, and consists in the peculiar construction, whereby the shade may be set at any desired angle, or at any point around the burner.

To enable others to construct my improvement, I will proceed to describe the same, as illustrated in the accompanying drawings.

I represent the shade as attached to a common gas-burner. A band or ring, A, upon which is formed a socket, *a*, is placed around the burner, and into the socket *a* an arm, B, is inserted, and so as to turn freely therein from right to left, as denoted in fig. 3, and from the said arm B project two arms C C, formed from wire or other semi-elastic material. D is the shade, formed from any suitable material, and is of plate, near the two edges of which are fixed sockets *d*, so as to receive the end of the arms C, the natural position of the arms C being to approach each other nearer than the distance of the two sockets *d* from each other, so that one arm, C, is inserted into one socket; the other arm sprung out, as denoted in red, will, when released, spring into and enter the other socket *d*, as denoted in fig. 2. The action of the spring, bearing in the two sockets *d d*, permits the free movement of the shade to different inclinations, as denoted in fig. 1, and yet so as to hold the shade at any desired inclination.

The shade thus arranged and attached to the burner may be turned to the right or left, as denoted in fig. 3, or adjusted to different inclinations, as denoted in fig. 1, thus forming a neat and convenient shade, cheap and durable in its construction. The ring which is attached to the burner should be of a size proportionate to the burner, and may be made adjustable to different burners by forming the ring of elastic material, and dividing it, so as to permit of its expansion, and, if desired, several sockets may be placed upon the ring, as seen in fig. 4, so that more than one shade may be attached.

I do not wish to be understood as broadly claiming the attachment of a shade to a burner, when the said shade does not entirely surround the burner, as such are common and well known; but

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

The combination and arrangement of the ring A with one or more sockets *a*, so as to receive the arm B, the said arm having attached thereto the arms C C, pivoting the shade D, so that the said shade may be turned to a different inclination on the pivots *d*, and to different positions to the right or left in the sockets *a*, as and for the purpose herein set forth.

N. F. LEETE.

Witnesses:

CHAS. G. R. VINAL,

J. F. LEETE.