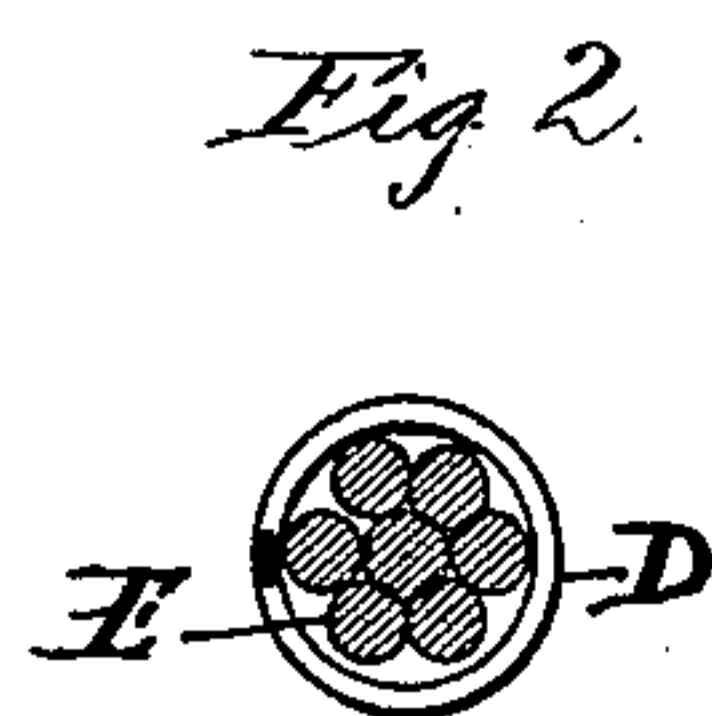
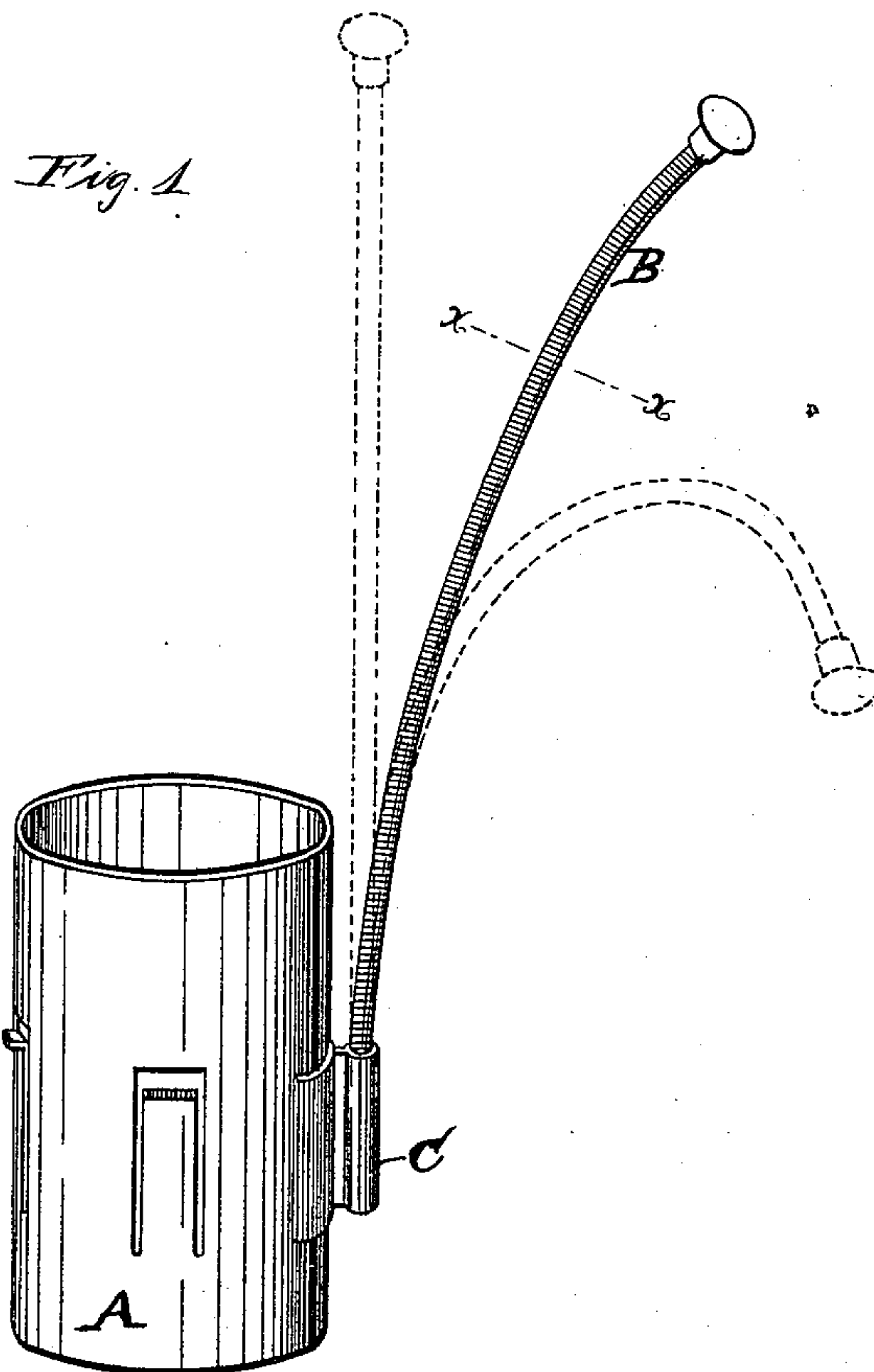


(No Model.)

H. L. CLARK.  
WICK LIFT FOR LAMPS.

No. 441,642.

Patented Dec. 2, 1890.



Witnesses  
*Chas. W. Low*  
*John H. Knappe*

Inventor  
*Horace Lee Clark*  
By his Attorney  
*James M. Hicks*

# UNITED STATES PATENT OFFICE.

HORACE LEE CLARK, OF RUTHERFORD, NEW JERSEY.

## WICK-LIFT FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 441,642, dated December 2, 1890.

Application filed February 28, 1890. Serial No. 342,177. (No model.)

*To all whom it may concern:*

Be it known that I, HORACE LEE CLARK, a citizen of the United States of America, residing at Rutherford, county of Bergen, State of New Jersey, have invented and made Improvements in Wick-Lifts for Lamps; and I do hereby declare that the following is a full, clear, and exact description and specification of the same, reference being had to the drawings forming part thereof.

I am aware that wick-lifts for lamps have been made previous to my present invention wherein the lifting-bar was hinged to the wick-holding band. I am also aware that said wick-lifting bars have been made wherein the said bars were not only hinged to the wick-band, but were curved outwardly from said wick-bands.

My present invention consists in rigidly attaching a flexible composite wick-raising stem or bar to the wick-holding band, or to a shank formed thereon, whereby said bar is readily bent outward from the wick-band in any curvilinear line or straightened, as occasion may require.

In order that persons skilled in the art may understand, construct, and use my invention, I will proceed to describe it, referring to the drawings, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a cross-section in enlargement of the flexible lifting-stem.

A is the wick-raising band.

B is the flexible stem attached to the shank on the band A.

D is the spiral coiled wire of the stem which surrounds the flexible wires E, which run lengthwise of the stem, filling the center of the coil in the manner employed in flexible shafting; but other filling may be used in lieu thereof.

The stem B is by its construction flexible crosswise, but rigid or unyielding in the direction of its length or line of thrust and pull, so that the wick-band can be and is raised and lowered positively, and can be and is drawn away from the center of the lamp flexibly to avoid the chimney of the lamp.

The dotted lines in Fig. 1 show some of the positions which the flexible stem may assume.

Having now fully described my invention and the manner in which I have embodied it, what I claim as new, and desire to secure by Letters Patent, is—

The combination, for a wick raising and lowering device for lamps, consisting of the holding-band and composite lifting-stem, said stem being rigidly attached at its lower end to the holding-band and composed of multitudinous rods bound together by an exterior coil, substantially as and for the purposes specified.

HORACE LEE CLARK.

Witnesses:

JAMES M. HICKS,  
WILLIAM H. SMITH.