

(No Model.)

J. D. LUTHER.
WICK TUBE.

No. 479,519.

Patented July 26, 1892.

Fig. 1.

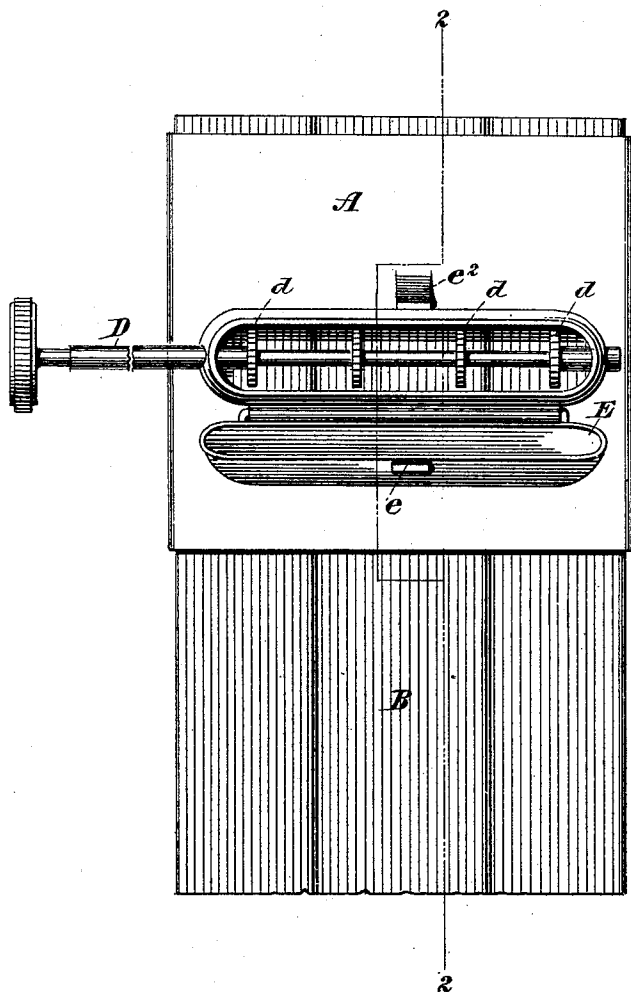
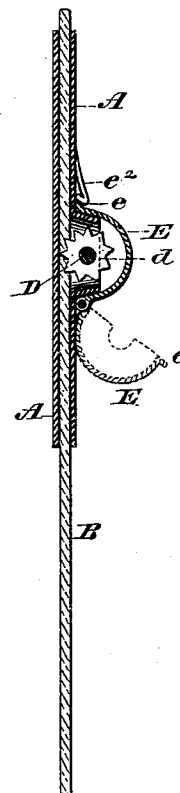


Fig. 2.



WITNESSES:
Gustave Huettenlocher
L. M. Nachschlager.

INVENTOR
James D. Luther,
BY Briesen Knauth
his ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES D. LUTHER, OF BROOKLYN, ASSIGNOR TO LUTHER & LEDERHOS, OF
NEW YORK, N. Y.

WICK-TUBE.

SPECIFICATION forming part of Letters Patent No. 479,519, dated July 26, 1892.

Application filed January 25, 1892. Serial No. 419,119. (No model.)

To all whom it may concern:

Be it known that I, JAMES D. LUTHER, a resident of Brooklyn, Kings county, and State of New York, have invented an Improvement in Wick-Tubes, of which the following is a specification.

My invention relates to certain new and useful improvements in wick-tubes and the like; and it consists in placing upon the tube directly over the wick-ratchet a hinged cap, whereby the wick-ratchet and the wick in contact therewith may be readily reached for the purpose of inspection or repair.

In the drawings, Figure 1 is a side view of a wick-tube containing my improvement, and Fig. 2 a vertical cross-section on the line 2 2, Fig. 1.

A represents the wick-tube, B the wick, and D the ratchet, adapted to actuate said wick B through a suitable aperture in the tube A, the metal of the wick-tube at the aperture being turned outward to form longitudinal flanges or sides of an outer box or casing for the ratchet, as shown in Fig. 2. Directly over the ratchet-teeth *d* of the wick-ratchet and the aperture in the tube A is placed a cap E, which is hinged to the wick-tube, as shown in the drawings, and adapted when closed to

overlap and bear against said flanges on the wick-tube. The hinge may be at either side or end of the cap E. This cap E is also provided with a lug *e*, adapted to engage with a spring-catch *e*² on the wick-tube A for holding the cap closed.

By my invention, should the teeth of the wick-ratchet D become disengaged from or entangled in the meshes of the wick, the cap E may be swung back and the ratchet-teeth and wick exposed for the purpose of correcting and removing the difficulty.

Having described my invention, what I claim is—

The combination, with a flat wick-tube A, provided with a side opening, of a wick-ratchet D, projecting through said opening, and a hinged cap E, pivoted to the wick-tube, and a catch *e e*², all said parts being arranged so that said cap when closed will contact with the wick-tube and house the projecting parts of the ratchet, substantially as described, and for the purposes set forth.

JAMES D. LUTHER.

Witnesses:

HENRY E. EVERDING,
HARRY M. TURK.