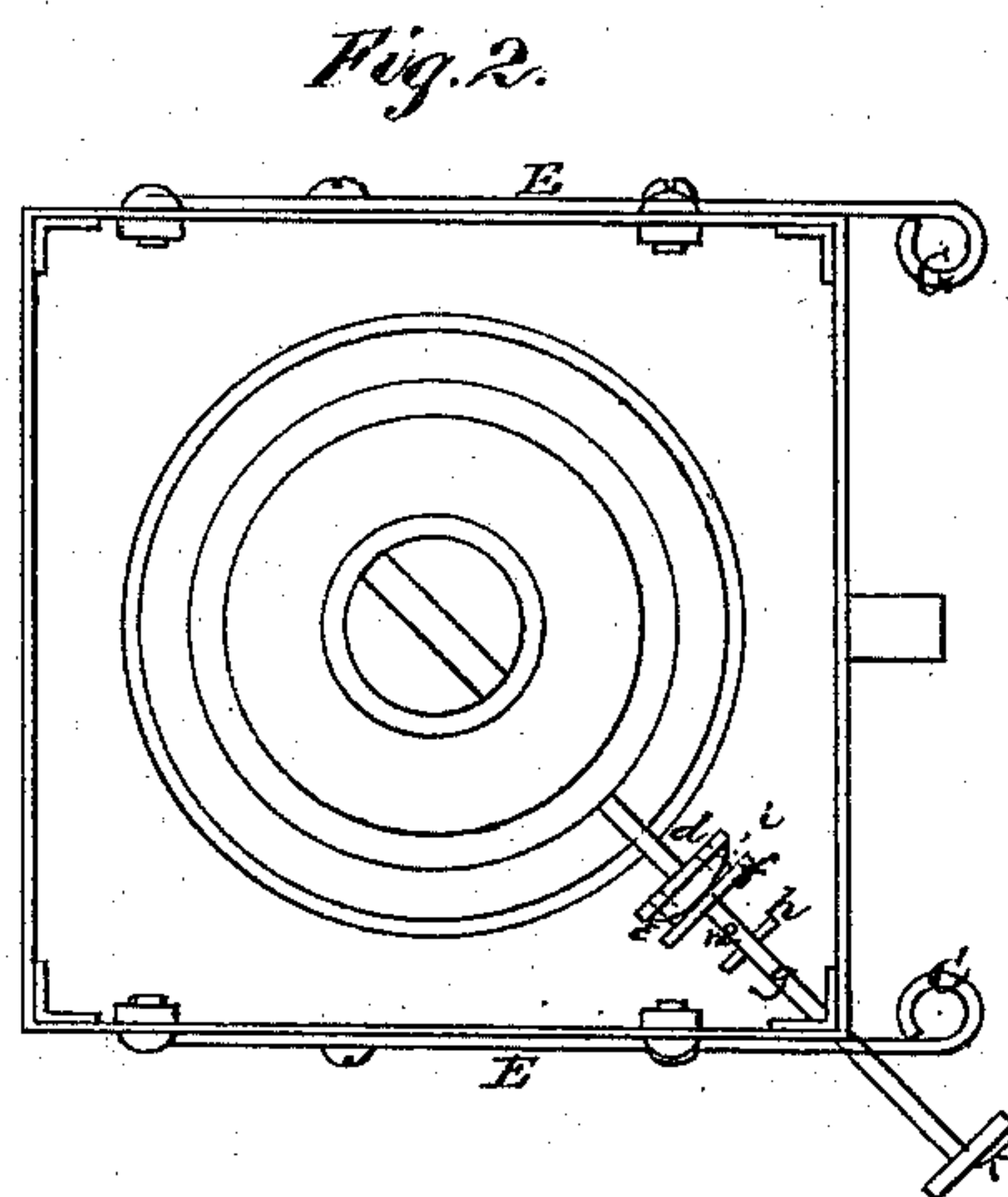
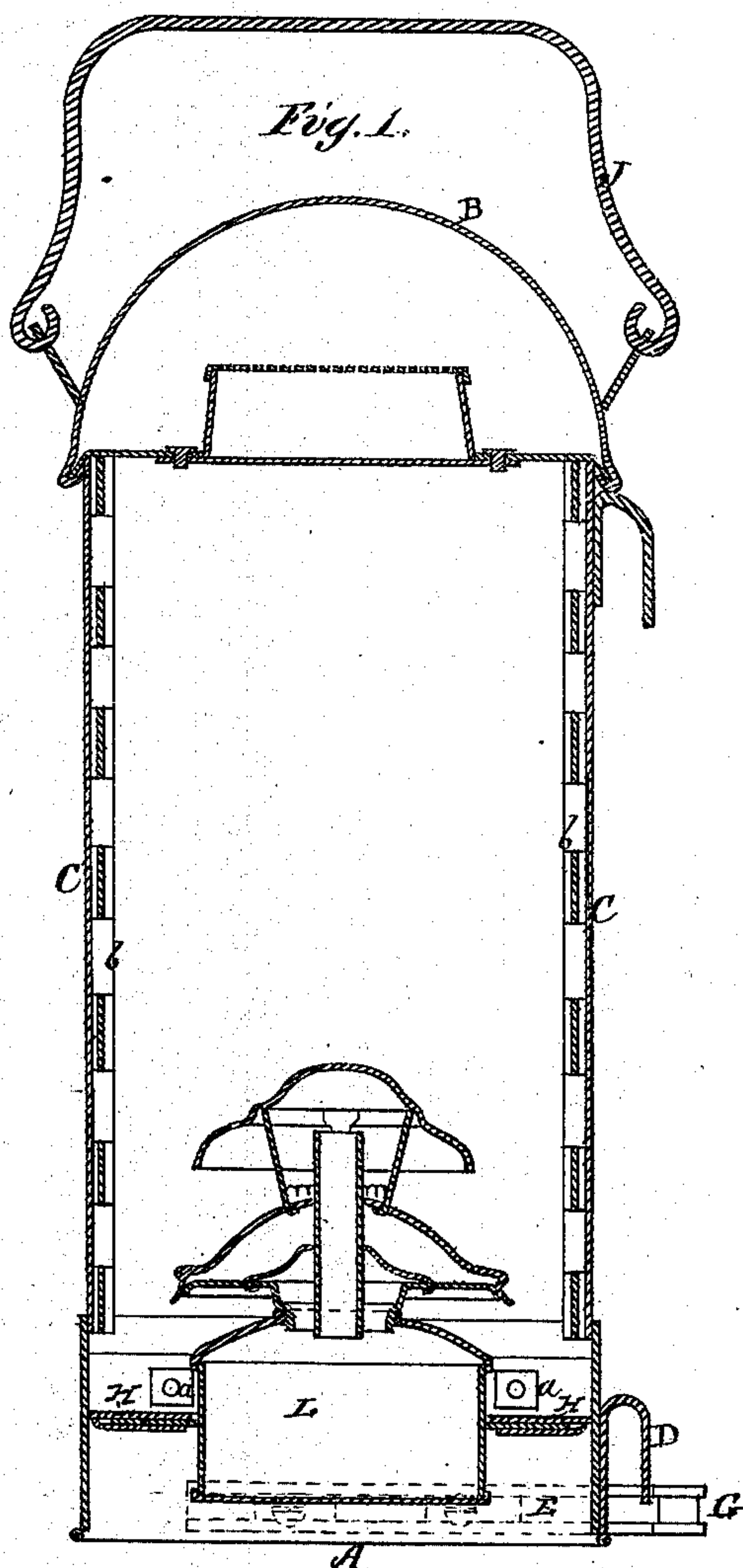


C. TABOR.

Lantern.

No. 107,835.

Patented Sept. 27, 1870.



Witnesses,
Jno. W. Ellis
J. V. White

Inventor,
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Per:
J. A. Alexander
Att'y

United States Patent Office.

CHURCH TABOR, OF CRAFTSBURY, VERMONT.

Letters Patent No. 107,835, dated September 27, 1870.

IMPROVEMENT IN LANTERNS.

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, CHURCH TABOR, of Craftsbury, in the county of Orleans and State of Vermont, have invented certain new and useful Improvements in Lanterns; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a "carriage and barn-lantern," which will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a vertical section, and

Figure 2, a plan, showing the coupling-device.

The frame of my lantern consists of a bottom box, A, and top B, connected by means of L-shaped posts or bars C C, one in each corner.

On one side of the box A and top B are two hooks, D D, to be inserted in loops on a carriage, to attach the lantern to the same.

To the sides of the box A are attached slotted plates or bars E E, which are bent at their outer ends, forming the rings or loops G G, which bear against the carriage, acting as bumpers, to prevent any wobbling or rocking motion of the lamp.

The plates or bars E E, being slotted and attached by means of screws, they can be adjusted to suit any carriage the lantern may be attached to.

The bottom H of the box A has two of its sides turned upward, and is fastened to the box by means of bolts and nuts *a a* passing through the sides of the box, and these turned-up portions of the bottom. This is for the purpose of confining the glass in the lantern, and, at the same time, be able readily to remove the bottom, in case a glass is broken, to replace the same.

In the angle of each of the L-shaped bars C C is soldered a strip, *b*, which is cut in sections, so that when the glass is put in, one section may be bent to one side, and the next section to the other side, and

so on alternately to one side and the other, to hold the glass in position.

The lamp I is attached in any suitable manner in the bottom H, so that it can be readily removed for lighting, or for other purposes.

The button *d* of the usual wick-raising shaft is on the outside provided with a clutch, *e*, in which fit two pins, *i i*, on a disk, *f*.

This disk is attached to the inner end of a shaft, *g*, which passes through the corner of one of the posts or bars C, and is supported by a standard, *h*, rising from the bottom H within the lantern.

The shaft *g* has a button, *k*, on its outer end, and a pin, *m*, a short distance from the disk *f*.

The upper end of the standard *h* is slotted, to allow the pin *m* to pass through when the shaft is moved out or in.

The lamp being, for instance, lighted, and inserted in the bottom H, and it is desired to either raise or lower the wick, it can be done without removing the lamp, by turning the shaft *g* until the pin *m* passes through the slot in the standard *h*, when the pins *i i* are readily made to engage with the clutch *e*, and the desired result accomplished.

When it is necessary to remove the lamp, the shaft *g* is drawn out until the pin *m* comes on the outside of the standard *h*, when it is turned to one side, so as to be held there, the standard being then between the disk *f* and the pin *m*.

The top B of the lantern is constructed in any suitable manner, and provided with a bail, J, for carrying the lantern about.

Having thus fully described my invention,

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

The hooks D D and adjustable bars E E, with bumpers G G, constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

Witnesses:

T. H. ALEXANDER,
C. ALEXANDER.

CHURCH TABOR.