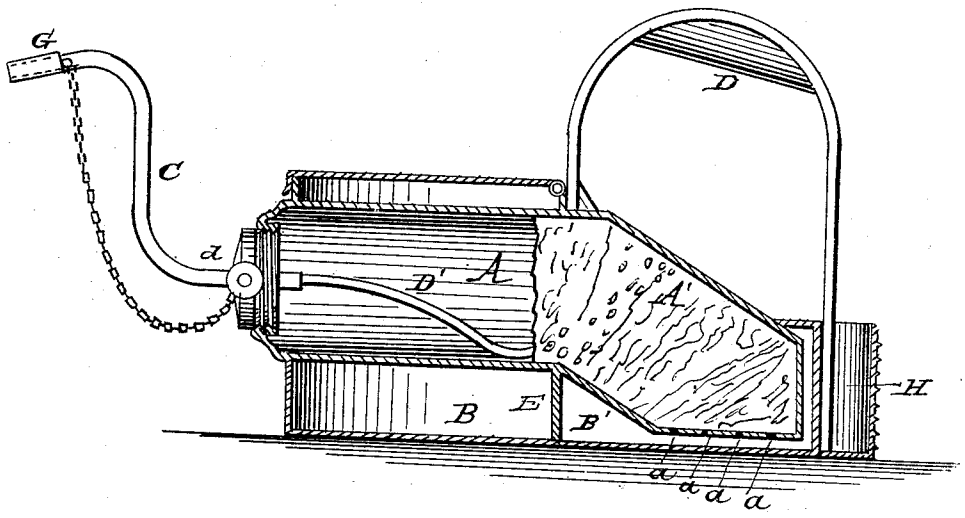
V. G. TANSEY.

Fire Kindler.

No. 65,448. Patented June 4, 1867.



Witnesses
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UNITED STATES PATENT OFFICE.

VERLIN G. TANSEY, OF QUINCY, ILLINOIS.

IMPROVEMENT IN FIRE-KINDLERS.

Specification forming part of Letters Patent No. **65,448**, dated June 4, 1867.

To all whom it may concern:

Be it known that I, VERLIN G. TANSEY, of Quincy, in the county of Adams and State of Illinois, have invented a new and useful Improvement in Fire-Kindler; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention consists in constructing a cheap and effective article for kindling fire, whereby much time and labor may be saved, in the manner hereinafter described.

The drawing represents a vertical central section of the kindler.

A A′ is a chamber or safety tube, which contains oil, alcohol, or any of the hydrocarbons. B B′ represent the vessel which contains the chamber A. C is the burner. This burner screws into the chamber A, as seen in the drawing. D is the handle.

The chamber A may be partially filled with sponge or some other absorbent, as seen at A′, and, if desired, all the oil or burning-liquid in the chamber A A′ may be held by the absorbent in A′.

The vessel is partitioned off into two separate parts. E is the partition.

A′ has apertures through it for the admission of the burning-fluid seen at A. The chamber A′ is supplied from the part of the vessel marked B′.

B is an open portion of the vessel, which surrounds the chamber or safety-tube A. It may be filled with any non-conducting substance for the purpose of guarding against all danger from explosion.

D′ represents the wick. The wick is drawn back and forth through the burner in the usual manner by the thumb-piece *d*. G is a cap over the burner. H is a match-box.

When the kindler is filled, and the wick lighted, it is placed under the fuel and allowed to remain as long as is necessary for the thorough ignition of the fuel, or, if desired, it may be permanently attached to the stove.

I do not confine myself to the particular shape represented in the drawing. I am aware that the form can be varied in many ways. The kindler may be made of any suitable material.

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

An improved fire-kindler, constructed and arranged substantially as herein shown and described, and for the purposes set forth.

VERLIN G. TANSEY.

Witnesses:

CHRISTIAN FAUSEL,

JAMES M. GRAHAM.