

(Model.)

J. SCHROY.

FIRE KINDLER AND TORCH.

No. 263,597.

Patented Aug. 29, 1882.

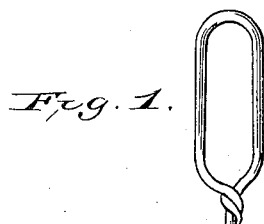


Fig. 2.

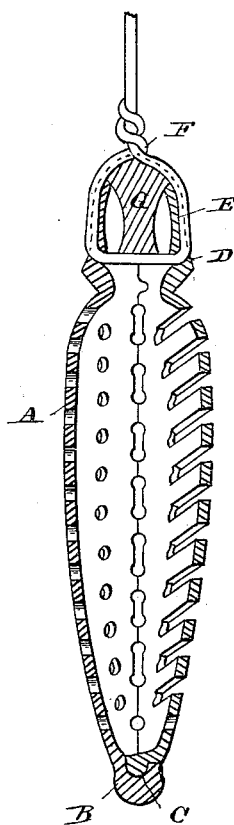
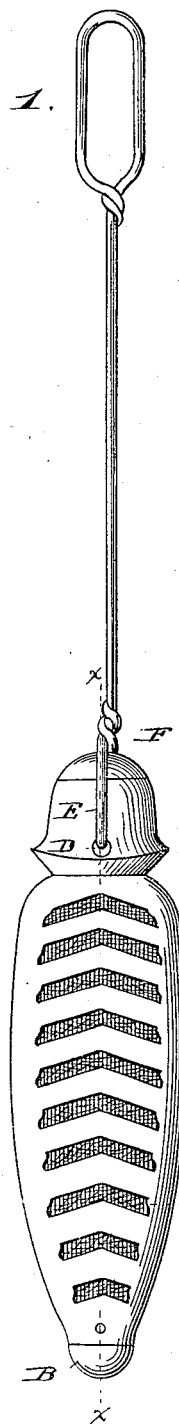
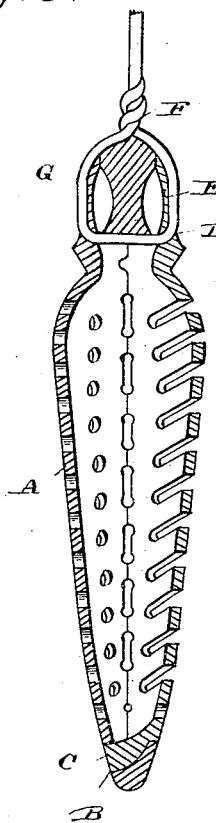


Fig. 3.



Witnesses.

Edwin L. Jewell.
H. A. Goulmin

Inventor.

J. Schroy
By C. M. Alexander
Attorney

UNITED STATES PATENT OFFICE.

JEREMIAH SCHROY, OF INDIANAPOLIS, INDIANA.

FIRE-KINDLER AND TORCH.

SPECIFICATION forming part of Letters Patent No. 263,597, dated August 29, 1882.

Application filed May 25, 1882. (Model.)

To all whom it may concern:

Be it known that I, JEREMIAH SCHROY, of Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Fire-Kindlers and Torches; and I do hereby declare that the following is a full, clear, and exact description of the invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in fire-kindlers and torches; and it has for its objects to provide a device that will be durable and cheaply constructed in such manner as to absorb a sufficient quantity of burning or inflammable fluid, and be employed to start a fire in an ordinary fire-place, stove, or grate, as more fully hereinafter specified. The above-mentioned objects I attain by the devices shown in the accompanying drawings, in which—

Figure 1 represents an elevation of my device. Fig. 2 represents a sectional view of the same on the line *xx* of Fig. 1, and Fig. 3 represents a sectional view of a modification of my invention.

In the modification shown in Fig. 3 of the drawings the recess B extends entirely through the lower end of one side of the shell, and the end of the lug C on the other side is flush with the outside of the shell. This permits the sides to be separated readily, should they become stuck together, by hammering upon the end of the lug, in case it should be necessary to refill the shell.

The letter A indicates a shell of metal, which is elliptical, or approximately thereto, in longitudinal section, and which is flattened on opposite sides, so that it may be inserted between the bars of a grate. The said shell is made in two parts, one having a socket or recess, B, at one end, and the other a lug or projection, C, adapted to fit or sit in said socket or recess, so as to hold the lower parts of the shell to-

gether. The upper part of the shell is perforated at D, and grooved at E on opposite sides, as indicated in the drawings, through and in which one end of the wire F, forming the handle, may be passed and seated, being secured therein by twisting, as shown in the drawings.

The letter G indicates a stud or button grooved at the top and bottom, the grooves being adapted to sit in line with the apertures and grooves in the upper part of the shell to receive the wire or lower portion of the handle and help secure the parts together. The shell on one side and on its edges is slotted, as indicated, and on the other side is perforated or it may be perforated or slotted on both sides, and it is provided with a filling of asbestos or other similar refractory material capable of absorbing an inflammable substance.

In use the device is dipped in coal-oil or other similar liquid substance until it has become saturated therewith. It is then lighted and placed under the fuel to be ignited, and left until the fire is well started, after which it may be withdrawn and extinguished.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A fire-kindler and torch consisting of a shell constructed in two parts, one provided with a socket at the lower end and the other with an engaging-projection, the two being perforated and grooved at their upper ends, between which is interposed a button, the whole being secured by means of a wire forming the handle of the device, the shell being packed with asbestos or other similar material, and slotted or perforated, as described, substantially as and for the purposes specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 4th day of May, 1882.

J. SCHROY.

Witnesses:

O. S. HADLEY,
WM. D. TOBIN.