

(No Model.)

N. C. BUTLER.

FIRE KINDLER.

No. 285,009.

Patented Sept. 18, 1883.

Fig. 1.

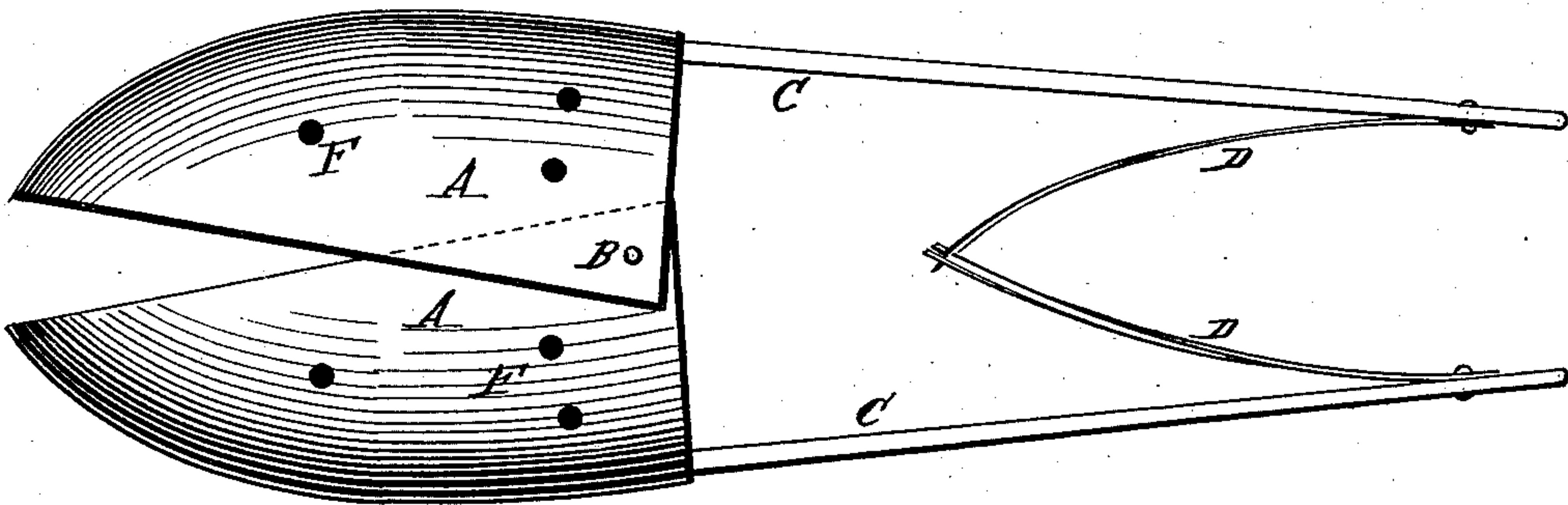
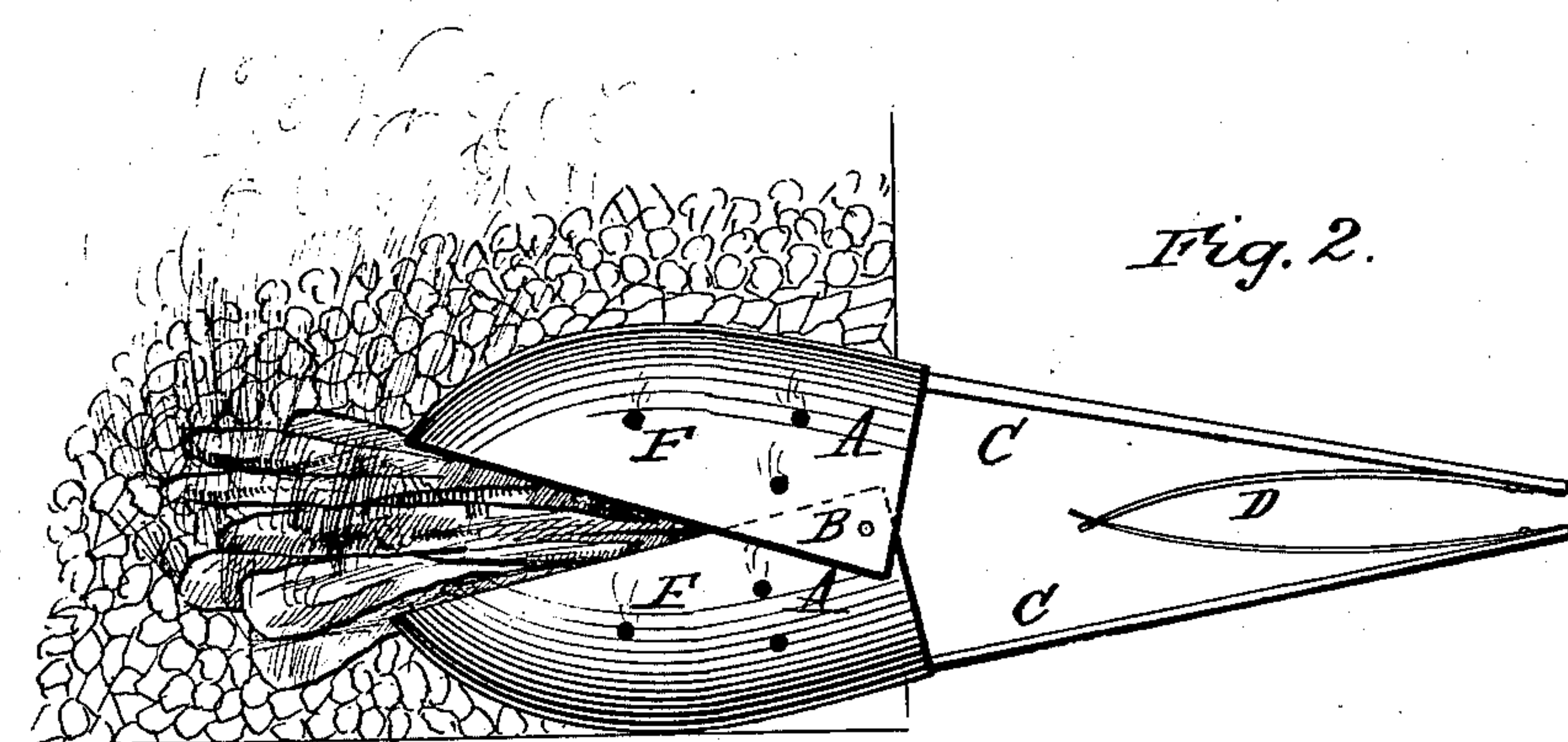


Fig. 2.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

NATHAN C. BUTLER, OF LEIPSIC, OHIO.

## FIRE-KINDLER.

SPECIFICATION forming part of Letters Patent No. 285,009, dated September 18, 1883.

Application filed June 15, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, NATHAN C. BUTLER, a citizen of the United States, and a resident of Leipsic, in the county of Putnam and State of Ohio, have invented certain new and useful Improvements in Fire-Kindlers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved fire-kindler; and Fig. 2 is a similar view of the same, showing it applied for use.

Similar letters of reference indicate corresponding parts in both the figures.

My invention has relation to devices for applying fire-kindling material; and it consists in the improved construction and combination of parts, of a pair of tongs adapted to clasp the kindling material and to insert it into the fuel, forming a draft-tube for the kindling, as hereinafter more fully described and claimed.

In the accompanying drawings, the letters A A represent two spoon-shaped jaws, flaring at their rear ends and hinged together upon rivets or bolts B at their rear corners in such a manner that the rear ends of the jaws form a round draft-aperture. The sides of the jaws are provided with a series of perforations, F, through which draft may pass from the sides, aiding in kindling the fuel. Two handles, C, are fastened to the rear edges of the jaws at the middle of their curve, and are provided at their free ends with two flat springs, D, projecting obliquely inward and bearing with the outer ends of their flat sides against each other, one of the springs being slotted in the end, into which slot the reduced end of the other spring projects. These springs serve to force the handles apart, consequently closing

the jaws, so that the latter may close upon the kindler and hold it after the jaws have been opened by pressing the handles together by hand, and the kindling thus held may be introduced into the fuel after it has been ignited, when the draft passing through the rear open end and through the perforations of the jaws will force the flame into the fuel and ignite the same.

I am aware that transplanters and similar agricultural tools have been made, consisting of two spoon-shaped jaws, which, however, will not answer the purpose of a holder for fire-kindling material; and I do not wish to claim, broadly, a pair of tongs having spoon-shaped jaws; but—

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A holder for fire-kindling material, consisting of a pair of spoon-shaped jaws, hinged together and forming a round draft-aperture at their rear ends, and having handles fastened to their rear ends, forced apart by means of springs closing the jaws, as and for the purpose shown and set forth.

2. The combination, in a holder for kindling material, of two spoon-shaped jaws, hinged together at their rear corners, forming a round draft-aperture at their rear ends, and having draft-perforations in their sides, handles fastened to the middle of the curved rear edges of the jaws, and flat springs fastened to the outer ends of the handles, projecting obliquely inward and bearing with their free ends against each other, as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

NATHAN COLE BUTLER.

Witnesses:

FRED SANFORD SMITH,  
WILLIAM WESLEY SMITH.