

G. W. ELDRIDGE.

FIRE-KINDLER.

No. 175,858.

Patented April 11, 1876.

Fig. 1.

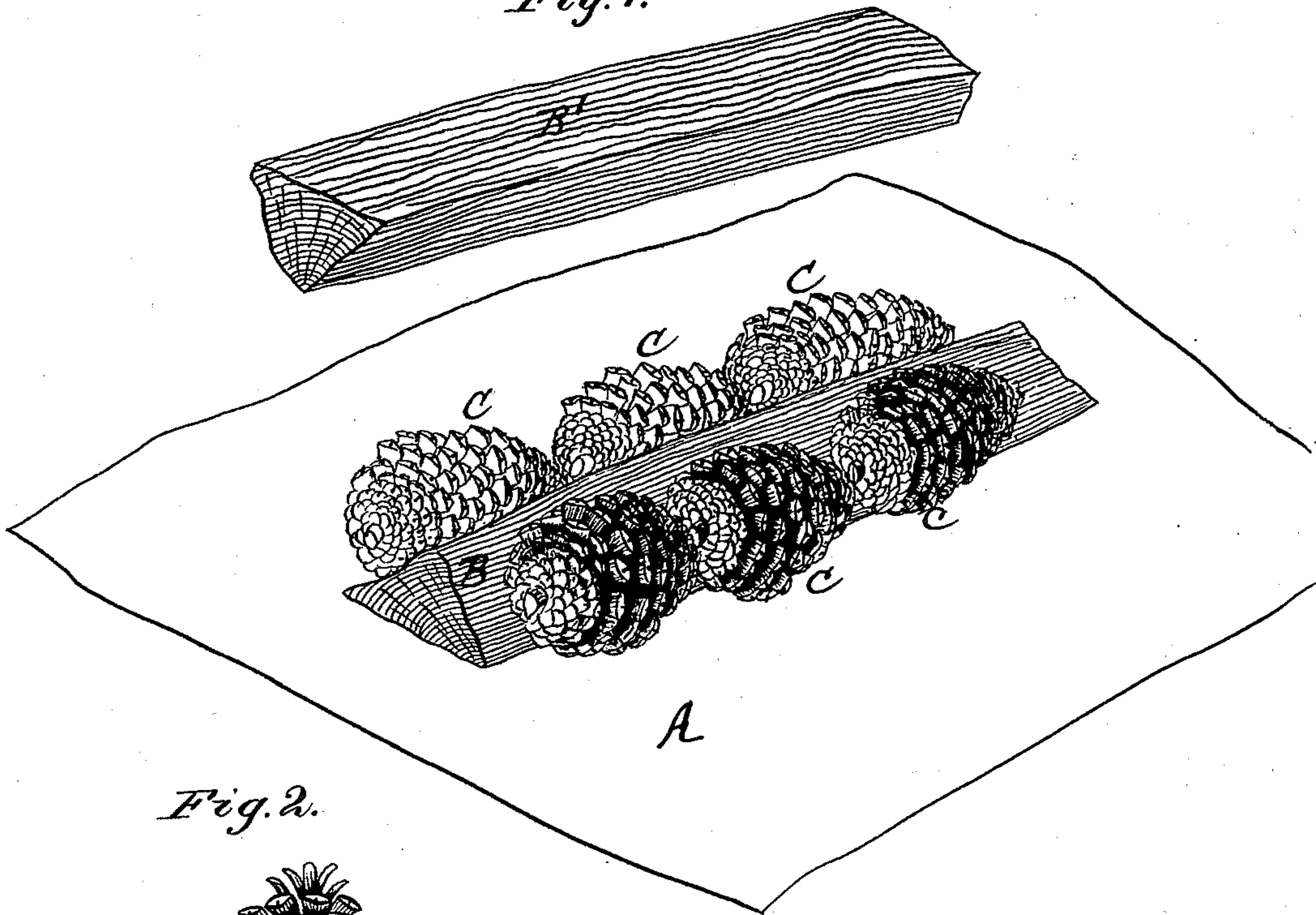


Fig. 2.



WITNESSES

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GEORGE W. ELDRIDGE, OF SOUTH CHATHAM, MASSACHUSETTS.

IMPROVEMENT IN FIRE-KINDLERS.

Specification forming part of Letters Patent No. **175,858**, dated April 11, 1876; application filed September 18, 1875.

To all whom it may concern:

Be it known that I, GEORGE W. ELDRIDGE, of South Chatham, in the county of Barnstable, and in the State of Massachusetts, have invented certain new and useful Improvements in Fire-Kindlers; and 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, making a part of this specification.

The nature of my invention consists in the construction of a fire-kindler for coal, as hereinafter more fully set forth.

In the accompanying drawing, Figure 1 represents the fire-kindler with a bar of wood removed, showing the formation before it is folded together for use. Fig. 2 represents an ordinary pine burr.

I take a piece of paper, A, about twelve inches square, and lay upon it a piece of wood, (pine preferred,) B, about eight inches long; then I take, say, from six to eight pine burrs or cones, C C C, and lay one-half of them adjacent to one side of the wood B, and the other half of them on the opposite side, as shown in the drawings. A liquor composed of melted resin and kerosene, or other inflammable oil, is then mixed in about equal proportions, and while the

liquor is hot it is poured on the burrs and wood to saturate the same therewith. I may use dried grass, leaves, shavings, sawdust, or small chips in with the cones and wood, and saturate the entire mass. A piece of wood, B', is then applied and pressed to the other parts, and the paper A wrapped around the whole. This paper adheres to the particles and forms the kindler into a bundle, and prevents the loss by scattering of broken pieces while the packages are being used or shipped. The tree burrs or cones being open and porous, a draft of air circulates through the bundle, causing it to burn freely and kindle the fire readily.

Having thus fully described my invention, what I claim is—

The combination, in a fire-kindler, of the strip B, the pine burrs C, saturated as described, strip of wood B', and the sawdust filling, or its equivalent, and the wrapper A, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of August, 1875.

GEORGE W. ELDRIDGE.

Witnesses:

GEO. K. LITTLEFIELD,
B. D. GIFFORD.