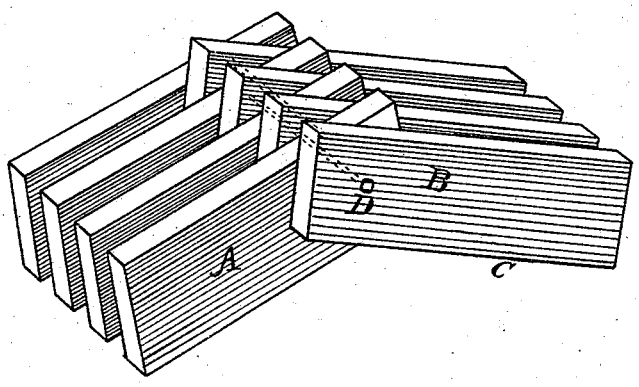
F. TYLEE.

FIRE-KINDLER.

No. 182,087. Patented Sept. 12, 1876.



Witnesses.

R. S. De Forest

F. Graham

Felix Tylee Inventor.

By Geo. W. Tibbitts Attorney.

UNITED STATES PATENT OFFICE.

FELIX TYLEE, OF CLEVELAND, OHIO.

IMPROVEMENT IN FIRE-KINDLERS.

Specification forming part of Letters Patent No. **182,087**, dated September 12, 1876; application filed June 16, 1876.

To all whom it may concern:

Be it known that I, FELIX TYLEE, of Cleveland, in the county of Cuyahoga, and State of Ohio, have invented an Improved Fire-Kindler, of which the following is a specification:

This invention relates to a new construction of fire-kindling; and consists of eight pieces of pine wood, four inches long, which may be cut from ordinary lath, and are united by taking four and lapping them onto the other four at an angle, forming an arch, having spaces between each of the said pieces from the top of the arch toward their ends. The said pieces are secured by two long nails, one driven in from each side, and each nail, passing beyond the center, braces or secures the pieces together, so that they cannot turn on the nails, but maintain their place; the object of which is to form an arch of fire-kindling wood capable of sustaining the weight of fuel placed on it, having spaces for a draft of air up through, and which will maintain its structure until nearly or quite burned away, thus thoroughly igniting the fuel, substantially as hereinafter more fully described and claimed.

To enable others to fully understand my invention I proceed to describe the same in detail, with the aid of the accompanying drawing, in which the figure shows my said kindler in perspective.

A B are strips of wood cut from lath, and are united to form an arch by lapping their ends alternately as shown, and are firmly secured together by two nails, D, one driven in from either side, and passing by each other through the center, as shown by dotted lines. A slit, C, is cut in the edge of one or more of the strips for the purpose of applying a match for readily setting fire to the kindler.

The result of constructing the kindler in this manner is that, being in the form of an arch, when placed in a fire-place, it will set up from the ashes, leaving a space underneath for the admission of air, which finds its way up through the spaces between the strips, thus accelerating combustion. It is also capable of supporting a quantity of coal or other fuel, and, being secured as described, the pieces of wood will not separate and fall apart, thereby letting the fuel down, until they have been entirely consumed, giving the fuel ample time to become thoroughly ignited. It is also cheap, simple, and, when made of dry pine wood, does not require to be saturated with any other inflammable material.

Having described my invention, I claim—

The fire-kindler shown and described, consisting of strips or pieces of wood A B, interlocking by alternate arrangement from opposite sides, secured together by nails D, and having an igniting slit or slits, C, the whole constructed in the form of an arch or bridge to support the fuel while being ignited or kindled, and to provide an air-space beneath the fuel, substantially as specified.

F. TYLEE.

Witnesses:

GEO. W. TIBBITTS,

ALFRED ELWELL.