H. H. CASE.
Fire-Kindler.

No. 199,184 Patented Jan. 15, 1878.

Fig. 1.

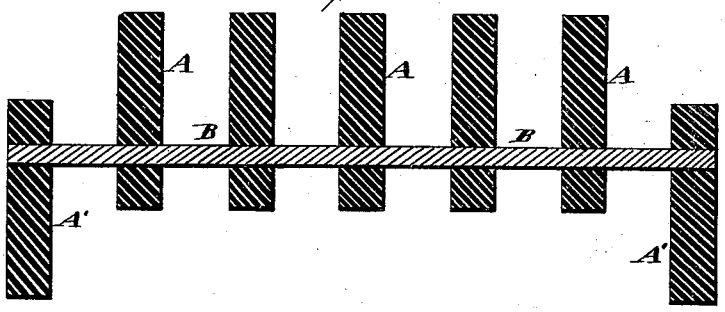
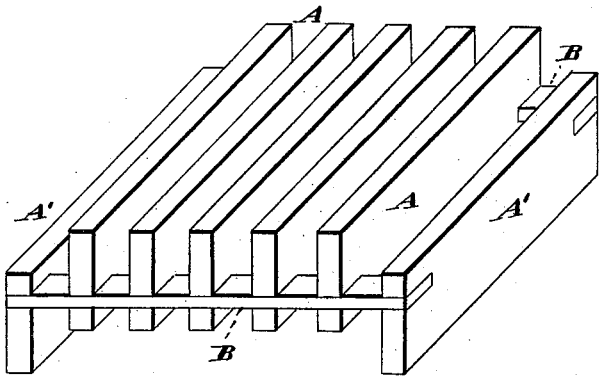


Fig. 2.



WITNESSES
Edw. L. Nottingham
A. M. Bright.

INVENTOR
Henry H. Case.
By Leggett and Leggett.
ATTORNEYS

UNITED STATES PATENT OFFICE.

HENRY H. CASE, OF CLEVELAND, OHIO.

IMPROVEMENT IN FIRE-KINDLERS.

Specification forming part of Letters Patent No. **199,184**, dated January 15, 1878; application filed December 4, 1877.

To all whom it may concern:

Be it known that I, HENRY H. CASE, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Fire-Kindlers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to fire-kindlers; and it consists in the following specified construction and arrangement of parts, whereby a cheap and effective fire-kindler is produced.

In the drawings, Figure 1 represents a view, in cross-section, of my device; and Fig. 2, an isometric view of the same.

A A are slats or sticks of wood, preferably of pine or some other readily-inflammable sort, which may or may not be impregnated or covered with oil, resin, or some similar combustible material. A′ are similar slats or sticks. B B are two strips let into slots or grooves made in the ends of the slats A A′.

It will be observed that these grooves in the ends of the slats A A′ are made above the axis or middle portion of said slats, and, as shown in Fig. 2 of the drawings, they are so fixed and arranged upon the strips B that the two end slats or sticks A′ have their longer or wider portions projecting downward, while the slats A, intermediate, are oppositely arranged upon said strips B. By this arrangement, when the kindler is resting as shown in Fig. 2, which is its normal position, a peculiar effect is produced, resembling the arch—the slats A are all raised, permitting of a free draft and circulation beneath them. This constitutes the principal feature of my invention.

If desired, the lower edges or any other portion of the slats A or A′ may be roughened, slivered, or partially shaved, so as to present readily-inflammable points for ignition in kindling.

Besides the advantages of cheapness and rapidity of construction, my device possesses the qualities of a thoroughly practical kindler, inasmuch as it is strong and well able to bear up a considerable amount of fuel, while it always permits of a free and unobstructed draft beneath and through it. It is also well adapted for economical packing, and presents a comely appearance.

As all the slats, whether A or A′, are formed alike in all respects, it is manifest that many could be simultaneously formed at the same operation.

I do not limit myself to kindlers of any particular size, and for such as are extra large a third slat, A′, might be provided midway between the end slats, for additional support to the middle portion. No nails, pegs, or the like are used in the construction of this device.

What I claim is—

1. The slats A A′ and strip B, combined and arranged substantially as and for the purpose specified.

2. The strips A A′, having slots or grooves formed in their ends at a point above their middle or axial portion, in combination with the retaining-strips B, arranged and combined substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY H. CASE.

Witnesses:
F. TOUMEY,
W. E. DONNELLY.