

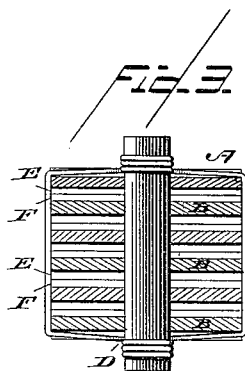
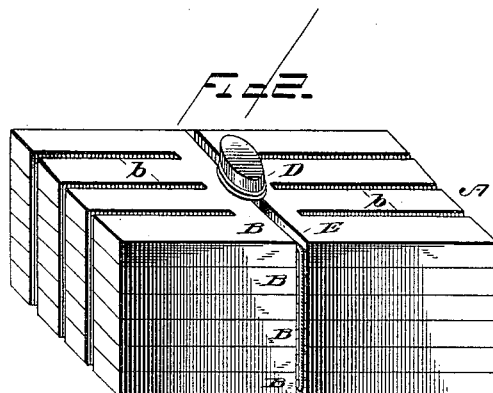
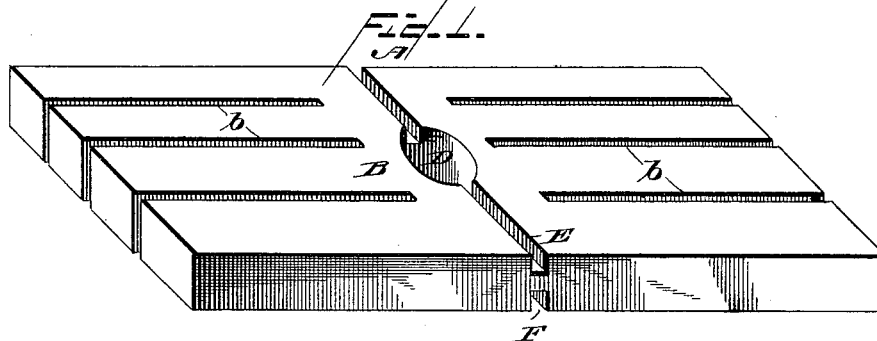
(No Model.)

D. W. JOHNS.

FIRE KINDLER.

No. 348,326.

Patented Aug. 31, 1886.



Witnesses
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UNITED STATES PATENT OFFICE.

DAVID W. JOHNS, OF COLUMBUS, OHIO.

FIRE-KINDLER.

SPECIFICATION forming part of Letters Patent No. 348,326, dated August 31 1886.

Application filed January 16, 1886. Serial No. 188,761. (No model.)

To all whom it may concern:

Be it known that I, DAVID W. JOHNS, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented new and useful Improvements in Fire-Kindlers, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improved fire-kindler, the object being to provide an article of this character which will contribute to the production of a bright and cheerful fire in a very short time.

A further object of the invention is to construct the kindler so that it can be readily and conveniently secured in bundles for packing in course of transportation, and, further, to construct a kindler in two separable sections, which may be broken apart with ease when desired.

With these ends in view the improvement consists in the novel arrangement and combination of the parts, as herein described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of the kindler. Fig. 2 is a perspective view of a number of the kindlers bundled or tied together for transportation. Fig. 3 is a sectional view of the same.

Referring to the drawings, in which similar letters of reference indicate like parts in all the figures thereof, A designates my improved fire-kindler, composed of the board or strip B, coated with varnish or other material which will render the board more easily combustible. The board or strip B has the longitudinal slots *b* provided therein, which extend nearly to the center of said strip. A central opening, D, preferably circular in form, is bored through the board or strip, to allow a cord, wire, or rod to be passed to tie the kindlers in bundles, and also to afford a draft for the fire when in use. Transverse recesses E and F are made on the upper and lower faces of the strip or board B from the outer sides toward the central opening, D, to intersect with the latter, so that the board may be broken in two sections. These recesses also facilitate the packing of the kindlers in bundles, a cord passing around the kindlers in these recesses to bind them firmly together, so that they can-

not shake loose or become broken in transportation.

By the employment of my kindler much labor, time, and worry will be saved to those having the drudgery of making fires. The arrangement of the slots *b* and the openings D will allow a perfect draft for the fire, the flame being permitted to escape up through the said slots and opening and assist in the ready combustion of the kindler. By reason of the varnish coating upon the strip it is made more readily combustible, so that the kindler will quickly produce a bright and cheerful fire.

As shown in Figs. 2 and 3, the central opening and the transverse recesses E F facilitate packing the kindlers in bundles by inserting a rod or wire through the opening D, and passing cord or wire from the central rod or wire around the series of kindlers, which are placed flat upon each other through the transverse recesses, they will be held tightly together. The recesses E F also allow the strip or board to be readily broken in two sections when it is desired to use only one section of the kindler for making a fire.

Having thus described my invention, I claim—

1. A fire-kindler composed of a strip or board having longitudinal slots or openings made therein extending nearly to the center, and provided with a central opening or perforation, the said board being coated with varnish or other combustible material, as set forth.

2. The fire-kindler composed of the coated strip of wood provided with longitudinal slots *b*, which extend from each end nearly to the center, a central opening or perforation, D, and the transverse recesses E, intersecting with the central opening, whereby when the kindlers are placed in bundles the central opening, D, allows the passage of the rod, and the recesses E permit the reception of the securing-wire, as set forth.

3. The bundle comprising the strips of wood coated with inflammable material and having the central openings, the rod passed through the said openings, and the binding-cord wrapped around the strips of wood and having its ends attached to the ends of the rod, substantially as described.

4. The bundle comprising the strips of wood

having the central openings and the transverse
grooves intersecting the said openings, the said
strips being placed together, the rod passed
through the central openings, and the binding-
5 cord encompassing the bundle and secured in
the transverse grooves of the outer strips, the
ends of the said cord being attached to the ends
of the rod, substantially as described.

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

DAVID W. JOHNS.

Witnesses:

CHARLES E. BURR,
WILLIAM T. MCCLURE.