

J. A. CONOVER.
Fire-Kindler.

No. 195,985.

Patented Oct. 9, 1877.

Fig. 1.

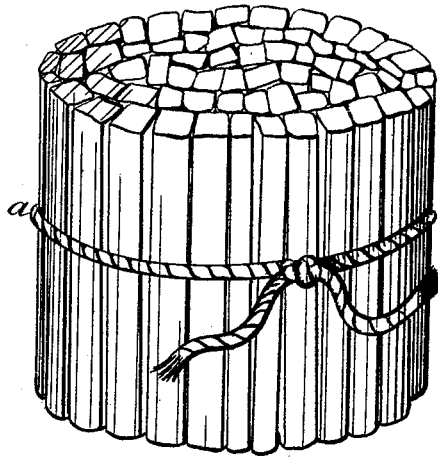
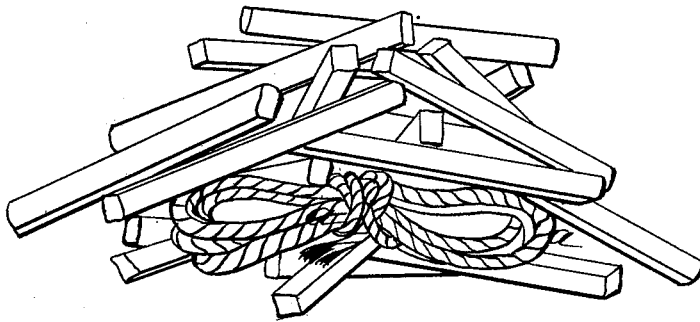


Fig. 2.



Witnesses:

Harvey L. Page.

Floyd Norris

Inventor:

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Attys

UNITED STATES PATENT OFFICE.

JACOB A. CONOVER, OF NEW YORK, N. Y.

IMPROVEMENT IN FIRE-KINDLERS.

Specification forming part of Letters Patent No. **195,985**, dated October 9, 1877; application filed August 29, 1877.

To all whom it may concern:

Be it known that I, JACOB A. CONOVER, of the city and county of New York, in the State of New York, have invented a certain new and useful Improvement in the Manufacture of Bundled Kindling-Wood, which improvement is fully set forth in the following specification and accompanying drawing.

I am aware that various kindlers and lighters have been patented embracing the conception of a lighter or saturated wicks; but all such have been expensive, and their sale has not been coextensive with the common article of manufacture known as bundle or kindling wood. This desirable result is the object of my invention; and in carrying out said invention I saturate the binding-string of said bundles with inflammable material, which saturated string is cut or stripped off and folded up on the wood in the fire-place or stove, and a light applied by match or otherwise. Thus I obtain a lighter for bundled kindling-wood without adding to the cost of manufacture, except so far as the saturation of its binder with an inflammable compound not liable to rapid evaporation.

The construction or manufacture is precisely the same; but the resultant article is rendered highly superior by reason of the saturation of its string or binder.

The accompanying drawings represent a per-

spective of the bundled wood, and a view of the lighter applied to the loose wood, ready for ignition.

In practice, I take the ordinary bundling-string material now in general use and soak it in a mixture composed of kerosene and resin oils, or other similar inflammable material or oils not liable to rapid evaporation. These I use in about equal parts. The string is kept in this bath until the fibers are properly covered or saturated. I then bundle the wood and tie it with this string, in the usual manner.

In using the bundle to kindle the fire, the string *a* is taken off, as usual; but instead of being thrown away as of no use, it is folded into a coil or bunch and placed upon, under, or among the wood, and ignited by a match, or in any convenient manner.

It will be seen that by this invention I enhance the usefulness and value of the ordinary bundled kindling-wood without making any sensible increase in the cost of manufacture.

I claim—

A bundle of kindling-wood the binding or bundling string whereof is saturated with inflammable material, and adapted as a fire-lighter, substantially as set forth.

JACOB A. CONOVER.

Witnesses:

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THOMAS VAN ANTWERP.