

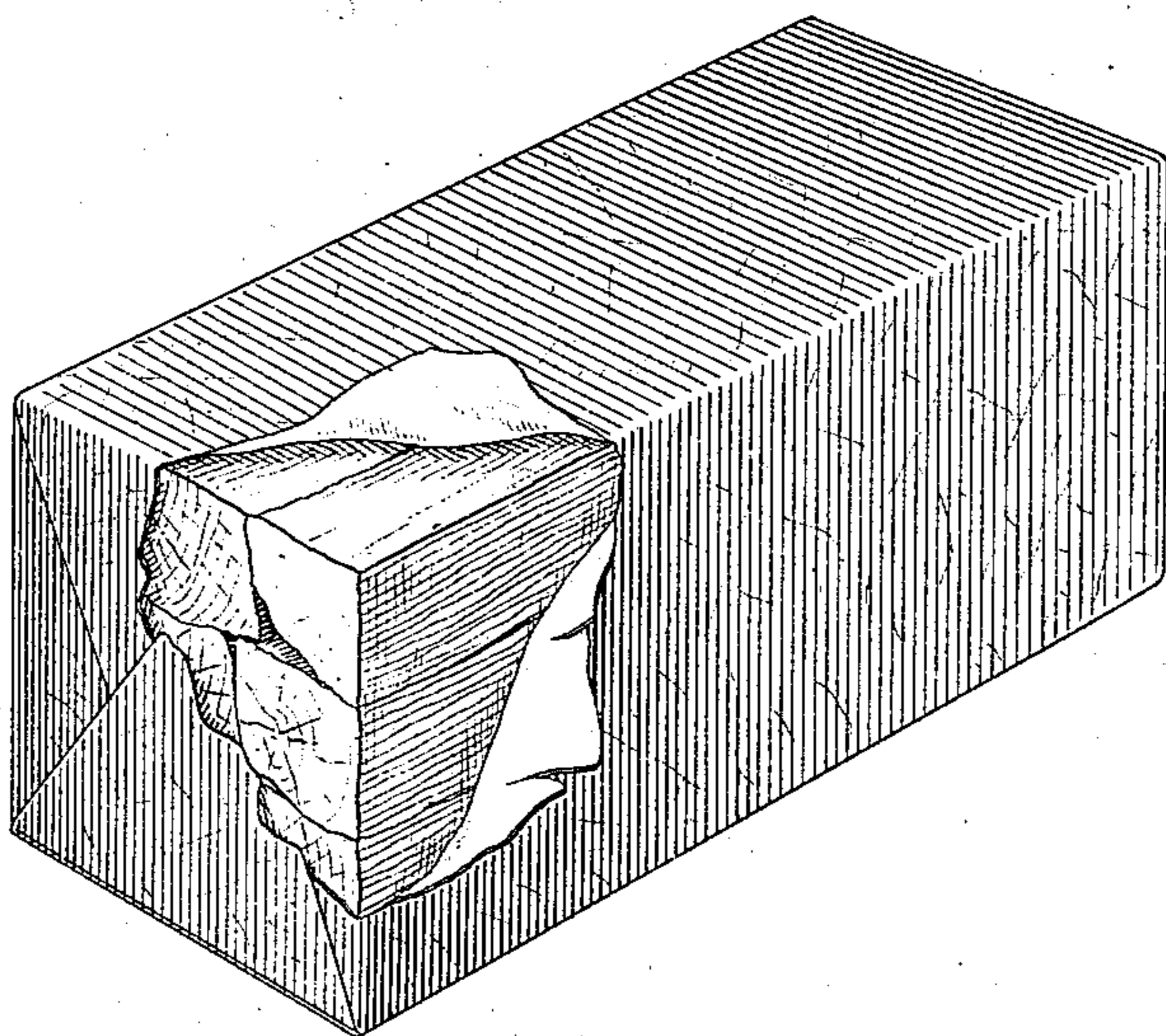
(No Model.)

J. H. FRENCH.

FIRE KINDLER.

No. 268,215.

Patented Nov. 28, 1882.



WITNESSES

Wm A. Skinkle.  
Geo W. Orick.

James H. French

INVENTOR

By his Attorney

Wm C. Witter

# UNITED STATES PATENT OFFICE.

JAMES H. FRENCH, OF BRIDGEPORT, CONNECTICUT.

## FIRE-KINDLER.

SPECIFICATION forming part of Letters Patent No. 268,215, dated November 28, 1882.

Application filed September 7, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES H. FRENCH, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a certain new and useful Improvement in Fire-Kindlers and Means for Protecting the Same; 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 appertains to make and use the same, reference being had to the accompanying drawing, which form a part of this specification.

The object of the invention is to provide a neat merchantable package for fire-kindlers and similar oil-saturated articles, to be removed when the articles are used—a package that will prevent the articles losing their volatile elements by evaporation and decrease the liability to accident by fire while in store and while being handled.

I have heretofore patented and applied for patents on improved fire-kindler packages.

The present invention consists in the improved fire-kindler package hereinafter specifically described.

The article to be packed, having been saturated in any well-known way with the volatile oil, is firmly wrapped with paper or the like, and the exterior of the package thus formed is then varnished with a composition of glue and bichromate of potash. The proportions that I prefer for this compound varnish are about as follows: one pound of glue to two ounces of

bichromate of potash, although these proportions may be very considerably varied. The glue and bichromate of potash may be dissolved separately and the solution mixed, or may be dissolved together. The packages so varnished with this bichromatized glue I find to be an improvement upon a package varnished with glue alone, for while retaining the good qualities of the latter the varnish has more of a glassy consistency and is less susceptible to the action of moisture and heat.

The accompanying drawing illustrates the application of my improvement to a package of oil-soaked fire kindlers, the varnish having been applied to the exterior of the wrapper, as indicated by the shading lines.

I do not claim what has been secured to me in Letters Patent granted me June 21, 1881, nor what I have described and claimed in my pending applications filed May 11, 1882, and September 7, 1882.

What I claim as new, and desire to secure by Letters Patent, is—

As an article of manufacture, a package of wood or other suitable material saturated with an inflammable oil, and having a wrapper coated with a composition of glue and bichromate of potash, substantially as and for the purposes set forth.

JAMES H. FRENCH.

Witnesses:

W. H. KENYON,  
MILLER C. EARL.