

UNITED STATES PATENT OFFICE.

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KINDLING COMPOUND.

No Drawing.

Application filed January 4, 1922. Serial No. 526,920.

To all whom it may concern:

Bt it known that I, ARTIE L. RAVEN, a citizen of the United States, residing at San Jose, in the county of Santa Clara and State of California, have invented new and useful Improvements in Kindling Compounds, of which the following is a specification.

This invention relates to a fire kindling proposition and has for its object to combine certain inexpensive ingredients in such a way as to form an improved kindler.

Prior compounds for kindling fires have required considerable trouble and expense in the proportion and mixing thereof and have not, as a general thing, been effective in small quantities.

In the present invention I employ ingredients which are inexpensive and which can be compounded without special apparatus or treatment. The resultant product can be applied directly to the fuel, such as wood or coal, and has been found sufficiently effective so that a small quantity, say one or two tablespoonfuls, will kindle an ordinary coal fire.

The ingredients employed in the present compound are:

Burnt sienna	-----	3 parts
Sifted ashes	-----	3 parts
Sawdust	-----	2 parts

The burnt sienna and ashes are mixed together in equal proportions and thereafter the sawdust, amounting to about one-third of the total volume of the ashes and sienna, is added. These are mixed together in the presence of coal oil and form a paste or putty-like substance. To one and one-half gallons of this paste there is added one quart of coal tar.

The compound is applied directly to the fuel, and, when ignited, it burns slowly and generates sufficient heat to kindle any slow burning fuel, such as coal, one or two tablespoonfuls being sufficient for kindling an ordinary fire.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

A kindling compound comprising the following ingredients: burnt sienna 3 parts, ashes 3 parts and sawdust 2 parts united with sufficient coal oil and coal tar to form a paste or putty-like substance.

ARTIE L. RAVEN.