UNITED STATES PATENT OFFICE.

CHARLES STILLMAN WILLEY, OF WASHINGTON, INDIANA.

LUBRICANT.

1,395,073. Specification of Letters Patent. Patented Oct. 25, 1921.

No Drawing. Application filed October 18, 1919. Serial No. 331,689.

To all whom it may concern:

Be it known that I, CHARLES S. WILLEY, a citizen of the United States, residing at Washington, in the county of Daviess and State of Indiana, have invented new and useful Improvements in Lubricants, of which the following is a specification.

This invention relates to a new and useful lubricant and aims to provide a composition for lubricating purposes, which will at the same time act to extinguish a flame, the invention being especially useful in journal boxes of railroad rolling stock.

It is well known that journals of this character frequently become dry and overheated, due to the absence of proper lubricant, which frequently gives out during a long run. The journal boxes are usually packed with grease and waste, and when the journals become overheated, this waste catches fire. Numerous attempts have been made to provide for extinguishing a flame resulting from the hot-box, such as suspending a water-bag over the box and permitting water to drip on the journal.

The present invention aims to provide a composition, which may be placed within hot-boxes upon the hot journals, which will smother the flame, and which also act as a lubricant, giving the journal time to cool off while running.

The composition consists of the following ingredients combined in the proportions stated, viz:

Graphite	75%
Talcum	20%
Borax	5%

These ingredients are thoroughly mixed, and the powder resulting from this mixture may be put up in suitable packages and the same applied to journal boxes of any character for the purpose of providing a lubricant to act as a flame extinguisher.

Having described the invention, what is claimed is:

The herein described lubricant having fire extinguishing qualities consisting of 75% powdered graphite, 20% powdered talcum and 5% powdered borax, thoroughly mixed to provide a fireproofing powder substantially for the purpose specified.

In testimony whereof I affix my signature.

CHARLES STILLMAN WILLEY.