To all whom it may concern:

Be it known that I, Edwin W. Caulfield, a citizen of the United States, residing at St. Petersburg, county of Hillsboro, and State of Florida, have invented certain new and useful Improvements in Composition of Matter for Prevention and Removal of Incrustation in Explosive-Engines, of which the following is a specification.

My invention relates to a composition of matter to be used for the removal and prevention of scale, carbon or incrustation from the cylinder, valves and other parts of explosive engines.

The compound is composed of the following ingredients:

Potash, (potassium hydroxid) 1 pound.
Gasolene 3 quarts.
Alcohol 1 quart.
Cylinder oil 2 ounces.
Ether 25 minims.
Coloring matter to suit.

The potash is dissolved in the gasolene and alcohol after which the cylinder oil, ether and coloring matter are added. The latter may consist of a small portion of Prussian blue or other substance and is used solely to give a decided color to the mixture.

While I have found that the proportions stated in the above formula generally give the best results I do not restrict my invention to the exact proportions stated.

In using the composition a small portion, about one ounce depending upon the size of the engine, is placed in each cylinder head after which the engine is started and operated in the usual manner. When first beginning to use the composition in an engine more frequent applications are required than after it has been used for some time, that is, at first it should be supplied to the engine every two or three days whereas later on every week or ten days is sufficient.

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

A composition of the class described, consisting of potassium hydroxid, one pound, gasolene, three quarts, alcohol, one quart, cylinder oil, two ounces, and a small portion of ether, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EDWIN W. CAULFIELD.

Witnesses:

A. L. Schermerhorn,
J. L. Klutts.