UNITED STATES PATENT OFFICE.

JOHN A. WRIGHT, GEORGE A. WRIGHT, WILLIAM ABBOTT, AND THEADORE ABBOTT, OF TERRE HAUTE, INDIANA.

BOILER-CLEANING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 391,105, dated October 16, 1888.

Application filed June 28, 1888. Serial No. 278,476. (No specimens.)

To all whom it may concern:

Be it known that we, JOHN A. WRIGHT, GEORGE A. WRIGHT, WILLIAM ABBOTT, and THEADORE ABBOTT, citizens of the United States, residing at Terre Haute, in the county of Vigo and State of Indiana, have invented a new and useful Improvement in Boiler-Cleaning Compounds, of which the following is a specification.

Our invention relates to a boiler-cleaning compound having for its object to remove the incrustations on the sides of boilers; and it consists of the following ingredients: white-oak sap, one-half gallon; crude petroleum-oil, one pint; concentrated lye, two ounces; plumbago, one ounce; potato liquid or juice, three pints.

The above materials when united and introduced into a boiler the sides of which are covered with lime-scales and other incrustations will remove the same by chemical action thereon and expose the clean surface of the metal.

The above-mentioned "white oak sap" is the sap of the white-oak tree, and the "potato liquid or juice" referred to is the expressed juice of the potato.

We claim—

The herein-described boiler-cleaning compound, comprising white oak sap, crude petroleum-oil, concentrated lye, plumbago, and potato-juice, combined substantially in the proportions specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

his
JOHN × A. WRIGHT.
mark
GEORGE A. WRIGHT.
WILLIAM ABBOTT.
THEADORE ABBOTT.

Witnesses:
MONROE J. TUTTLE,
DAVID L. CHRISTY.