

UNITED STATES PATENT OFFICE.

WILLIAM T. PHEGLEY, OF SEDALIA, MISSOURI, ASSIGNOR OF ONE-HALF TO
WILLIAM D. ILGENFRITZ, OF SAME PLACE.

SOOT-REMOVING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 477,333, dated June 21, 1892.

Application filed March 3, 1892. Serial No. 423,651. (No specimens.)

To all whom it may concern:

Be it known that I, WILLIAM T. PHEGLEY, a citizen of the United States, residing at Sedalia, in the county of Pettis and State of Missouri, have invented a new and useful Soot-Removing Compound, of which the following is a specification.

This invention relates to soot-removing compounds; and it has for its object to provide an improved composition of matter which when used in a stove or furnace will effectually clean the said stove or furnace and the pipes thereof from all soot, which is deposited in large quantities in stoves burning soft or bituminous coal or wood.

To this end the invention consists in the composition of matter composed of the following-named ingredients combined in substantially the proportions specified: zinc or zinc ore, (black-jack,) ten parts; muriate of ammonia, one part; sulphur, one part; charcoal, one part. The above-named ingredients are thoroughly mixed together in ordinary me-

chanical admixture, and when thoroughly assembled are applied by sprinkling the completed compound over a hot bed of coals and allowing the same to remain without being disturbed until the complete removal of the soot from the stove and pipes, which will require but a comparatively short time.

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

The herein-described soot-removing compound composed of zinc or zinc ore, (black-jack,) muriate of ammonia, sulphur, and charcoal, combined in substantially the proportions specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM T. PHEGLEY.

Witnesses:

I. N. MCNEIL,
C. C. WILLIAMS.