

United States Patent Office.

THEOPHILUS JONES AND WILLIAM MORGAN, OF PITTSBURG, PENNSYLVANIA.

Letters Patent No. 64,338, dated April 30, 1867.

IMPROVED COMPOUND FOR IMPROVING THE QUALITY OF IRON.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, THEOPHILUS JONES and WILLIAM MORGAN, of the city of Pittsburg, in the county of Allegheny, and State of Pennsylvania, have invented a new and useful Compound for Improving the Quality of Iron; and we hereby declare that the following is a full, clear, and exact description thereof, together with the mode of applying and working the same, to wit:

Put five hundred pounds of pig-metal into a common boiling-furnace, (such as is commonly used,) and when the metal comes to a boil, add the following ingredients, to wit: seven ounces of manganese, one pound of common salt, two ounces of copperas, three ounces of potash, one ounce of saltpetre. The addition of the above five ingredients to five hundred pounds of common pig-metal in the furnace produces a very superior quality of iron in every respect.

We claim the use and application of the above-described compound for the purpose set forth.

THEOPHILUS JONES,

his
WILLIAM X MORGAN.
mark.

Witnesses:

E. P. JONES,

A. S. NICHOLSON.