

UNITED STATES PATENT OFFICE.

JOHN M. REID, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS HIS RIGHT TO M. RIDDELL AND H. McDONALD, OF SAME PLACE.

IMPROVEMENT IN THE MANUFACTURE OF BRICKS, TILES, &c.

Specification forming part of Letters Patent No. 125,144, dated April 2, 1872.

Specification describing an improved process for manufacturing useful articles from apparent waste, &c., invented by JOHN M. REID, of Pittsburg, Pennsylvania.

This invention relates to a process for manufacturing useful articles from apparent waste, refuse, or débris; and consists in the peculiar mixture and fusion of certain refuse parts, as will be more fully described in the following specification:

To enable others skilled in the art to make and use my invention, I will now proceed to more particularly describe the same.

I take thirteen parts alkali waste, eleven parts sand, and six parts, all, more or less, from such as follow, or others, viz.: brickworks, potteries, buildings, mines, pits, rocks, quarries, and every earthy matter in natural or partly-used state, and mix with or without saline matter; put all into suitable furnaces, stationary or revolving, but by preference such as patented to me, of date 11th August last, with incline plane shelves, where heat can be varied

over great surfaces, and the mass may become thoroughly roasted, fused, or melted, and kept in order until the operators be satisfied of the qualities desired, with or without coloring matter. Then, or after, the productions can be made into every required use, shapes, forms, and sizes, viz.: for horticultural, agricultural, architectural, engineering, statuary, ornamental, chemical, and other purposes.

I do not confine or restrict myself to the herein-described proportions in every case, as no two samples are to be found alike, but vary according to circumstances and qualities which may be found and desired.

What I claim and desire to be secured to me by Letters Patent, is—

The method of producing articles made from apparent waste, refuse, or débris, as herein described, for the purposes set forth.

JOHN M. REID.

Witnesses:

A. LEGGATE,
W. H. STERRITT.