

United States Patent Office.

GEORGE M. PETTEE, OF DETROIT, MICHIGAN.

Letters Patent No. 97,439, dated November 30, 1869.

IMPROVED COMPOSITION FOR CLEANING MILLSTONES.

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

To all whom it may concern:

Be it known that I, GEORGE M. PETTEE, of the city of Detroit, in the county of Wayne, and State of Michigan, have invented certain Improvements in the Composition of Matter for Cleaning and Dressing Millstones, while in operation, of which the following is a specification.

The faces of millstones, as is well known, gradually wear away, and their channels become filled up, and glazed, during the operation of continuous grinding. When this happens, they require to be cleaned and redressed. The ordinary process of doing this is slow and tedious.

The object of my invention is to accomplish the same result by the application of a novel composition of matter.

I take one ounce of the sulphate of soda, one ounce of sal-ammoniac, and four ounces of rock-salt, and reduce the whole, by pulverizing, to about the size of grains of wheat. A greater or lesser quantity of the

same ingredients may be used, but they should be taken in about the proportions above given.

When faces of the stone become smooth and have a "glaze" upon them, I introduce my composition through the eye of the stone while the same is in motion. It soon cleans off the face by removing the "glaze," cleaning out the channels, and thus measurably restoring the cutting-surfaces.

I am aware that "sugar or a similar substance" has been introduced through the eye of the stone for a similar purpose, and also that compositions of various washing compounds have been used; but these I do not claim.

What I do claim, is—

The composition made of the ingredients in the manner herein specified, and applied for dressing millstones, as set forth.

Witnesses:

I. F. CALLAGHAN,
R. C. SMITH.

G. M. PETTEE.