

# UNITED STATES PATENT OFFICE.

WILLIAM A. NEWTON, OF CABOOL, MISSOURI.

PAVING AND METHOD OF MAKING THE SAME.

1,069,644.

Specification of Letters Patent.

Patented Aug. 5, 1913.

No Drawing.

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*To all whom it may concern:*

Be it known that I, WILLIAM A. NEWTON, a citizen of the United States, residing at Cabool, in the county of Texas and State of Missouri, have invented new and useful Improvements in Paving and Methods of Making the Same, of which the following is a specification.

The present invention relates to certain novel and useful improvements in pavements and method of making the same.

In carrying out my invention, I aim to provide a novel and improved pavement adapted for use as a street pavement, roadway, sidewalk, or floor in warehouses, barns, stables or other similar building structures.

In the present instance, I provide a pavement which will be strong, durable, economical and efficient, and which may be provided at a relatively small cost.

A further object of my invention is to provide a pavement which is practically waterproof, and which will not be ground up and thereby rendered dusty by constant traffic over the same.

A further object of my invention is to form a pavement of crushed, porous rock saturated or impregnated with crude petroleum, asphalt or the like. Furthermore, in order to harden the pavement, if desired, I mix with the porous rock so saturated, pulverized burnt shale or clay in suitable proportions.

With the above-recited objects, and others of a similar nature in view, the invention consists in an improved pavement and method of making the same as set forth and falling within the scope of the appended claim.

In the practice of my invention, I employ a body of rock, possessing a great porosity, such as brown sand rock, and crush or pulverize the same, the rock being thoroughly impregnated or soaked in petroleum or heavy crude oil or asphalt. After the rock so saturated has been thoroughly crushed or pulverized, it is deposited on the roadbed and rolled or otherwise pressed. I have found that the roadbed so formed is exceedingly durable and forms a street or walk which is not responsive to noise as are the pavements commonly laid in cities or towns. In order to harden the pavement for warehouses, buildings or other structures, I burn and grind a body of shale or clay and mix the same in suitable proportions with the pulverized, saturated porous stone and the body so compounded may then be laid in the usual manner to make a smooth, hard and lasting pavement.

I claim:—

The herein described method of making pavements which consists in saturating porous brown sand rock with petroleum, pulverizing the rock, burning a quantity of shale or clay and grinding the same, mixing the burnt shale with the pulverized rock, and then rolling or pressing the compound to form a hard and dustless pavement.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM A. NEWTON.

Witnesses:

J. W. PATTON,  
J. W. MIRES.