

424,517

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# UNITED STATES PATENT OFFICE.

JOSEPH E. TURNER, OF KANSAS CITY, MISSOURI.

## PLASTER.

SPECIFICATION forming part of Letters Patent No. 424,517, dated April 1, 1890.

Application filed January 9, 1890. Serial No. 336,390. (No specimens.)

*To all whom it may concern:*

Be it known that I, JOSEPH E. TURNER, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Plaster; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in plaster.

The object is to provide a plaster which shall be impervious to water, thereby preventing the wall from absorbing and retaining dampness, and which will not be liable to crack under the influence of heat, and which will adhere firmly and endure for a long period.

With these ends in view my invention consists in a plaster composed of sand, cement, plaster-of-paris, prepared slag, glue, and alum.

The above ingredients are to be taken in the proportion, by weight, of about twenty-four parts of sand, seven parts of cement, seven parts of plaster-of-paris, three parts of prepared slag, one-third part glue, one-fourth part alum.

The several ingredients, taken in substantially the proportions substantially as above set forth and in a finely-divided state, may be thoroughly mixed and reduced to the desired consistency by the addition of water, when it will be ready for immediate use. It may be spread with ease and will cling firmly to the lath or other base, will dry rapidly, and form a hard, compact, and durable foundation-coat. The elements which compose it are common articles of commerce, and are readily found in all places throughout the land and are quite inexpensive.

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

The herein-described plaster, composed of sand, cement, plaster-of-paris, prepared slag, glue, and alum, taken in the proportions substantially as set forth.

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

JOSEPH E. TURNER.

Witnesses:

BESSIE E. YOUNG,  
DIMMICK D. DRAKE.

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