

UNITED STATES PATENT OFFICE.

EDWARD CLARK, OF TIFFIN, OHIO.

PAINT COMPOUND FOR ROOFS, &c.

SPECIFICATION forming part of Letters Patent No. 306,320, dated October 7, 1884.

Application filed April 14, 1884. (No specimens.)

To all whom it may concern:

Be it known that I, EDWARD CLARK, a citizen of the United States, residing at Tiffin, in the county of Seneca and State of Ohio, have
5 invented certain new and useful Improvements in Fire-Proof Paint, of which the following is a recipe or compound.

My invention relates to certain improvements in paint compounds for roofs, &c., and
10 is designed to produce a mixture that shall resist the action of fire or be fire-proof, but still shall be capable of use for the varied purposes to which paint is applicable. This paint is produced by mixing and compounding thoroughly the following ingredients, viz: sal-soda,
15 ten pounds; litharge, ten pounds; air-slaked lime, ten pounds; ground slate, ten pounds; alum, fourteen pounds; Brazilian gum, two pounds; indigo, one-half pound; glue, one
20 pound; coal-tar, twenty-nine gallons.

Having boiled the compound for about one hour and then cooled, it is ready for use. It will be noted that though some of the ingredients are highly inflammable—as the tar—others are of such a nature as to counteract this
25 tendency—as, for instance, the alum—which

is present in comparatively large quantities, and thus tends largely to produce the fire-proof quality of the paint. The uses to which it may be put are innumerable, and the mode
30 of application obvious. The ingredients are all cheap commercially and easily obtained, thus making the paint desirable, aside from its fire-proof qualities, on account of its ease of manufacture and its inexpensiveness. 35

It is obvious that the exact proportions specified are not of necessity held to, but may be varied within certain limits, as well as the fact that the coloring may also be varied.

Having described the device, what I claim 40 is—

The herein-described method of producing a fire-proof paint, consisting in mixing together sal-soda, litharge, air-slaked lime, ground slate, alum, Brazilian gum, indigo,
45 glue, and coal-tar, in substantially the proportions specified, and then boiling the mixture, after which it is allowed to cool.

EDWARD CLARK.

In presence of—

CHAS. SANDYS,
A. C. BARBOUR.