

UNITED STATES PATENT OFFICE.

JACOB B. CORNELL, JACOB B. ZOOK, AND BYRON N. CORNELL, OF GOSHEN,
INDIANA.

PAINT.

SPECIFICATION forming part of Letters Patent No. 265,389, dated October 3, 1882.

Application filed July 29, 1882. (No specimens.)

To all whom it may concern:

Be it known that we, JACOB B. CORNELL, JACOB B. ZOOK, and BYRON N. CORNELL, all citizens of the United States, residents of Goshen, in the county of Elkhart and State of Indiana, have invented a new and valuable Improvement in Paints; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same.

This invention has relation to fire-proof and water-proof paints; and it consists in providing a composition of the following ingredients, compounded together in the proportions and according to the method hereinafter set forth.

Take two pounds of asphaltum, two pounds of gutta-percha, (or chip rubber,) two gallons of carbolic acid, ten pounds of the oxide of iron, twenty pounds of asbestos, fifteen pounds of slate-dust, (or marble-dust,) two pounds of carbon bisulphide, four gallons of japan, forty-five gallons of coal-tar, and mix them together, sometimes adding two pounds of creosote. These ingredients are mixed together in the following manner: Dissolve the gutta-percha or chip-rubber in the bisulphide of carbon. Add to this the asphaltum, and then the carbolic acid. Pour this mixture into the coal-tar. Then heat this mixture, and while hot add the oxide of iron, next the asbestos, and then the slate or marble dust. If creosote is desired to be added, it will come next in order, and lastly add the japan. The mixture should be kept

hot from the first heating until the paint is fully compounded and completed.

Suitable coloring-matter may be introduced when desired.

The compound thus produced forms the basis of a substantial and serviceable paint, which is both fire-proof and water-proof.

The proportions stated may be varied somewhat without departing from the invention, as the character of the resulting compound will not be materially altered thereby.

Having described this invention, what we claim, and desire to secure by Letters Patent, is—

The paint consisting of the following ingredients, viz: asphaltum, gutta-percha, (or chip-rubber,) carbolic acid, oxide of iron, asbestos, slate-dust, (or marble-dust,) carbon bisulphide, japan, and coal-tar, compounded together substantially as specified.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

JACOB B. CORNELL.

JACOB B. ZOOK.

BYRON N. CORNELL.

Witnesses:

A. S. ZOOK,

W. J. DAVIS.

Witnesses as to signature of Byron N. Cornell:

A. S. ZOOK,

LOU W. VAIL.