

UNITED STATES PATENT OFFICE.

JOHN MARX, OF HOBOKEN, NEW JERSEY.

COMPOSITION OF MATTER FOR FIREPROOF AND FIRE-RESISTING PUTTY.

No. 859,960.

Specification of Letters Patent.

Patented July 16, 1907.

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To all whom it may concern:

Be it known that I, JOHN MARX, a citizen of the United States, residing at No. 56 Paterson avenue, in the city of Hoboken, in the county of Hudson and State
5 of New Jersey, have invented a new and useful Composition of Matter to be Used as a Fireproof and Fire-Resisting Putty, of which the following is a specification.

My composition consists of the following ingredients
10 combined in the proportions stated. Viz:—

Vegetable oil, (linseed preferred)	24½ lbs.
Chlorid of zinc	8½ “
Whiting	140 “

15 These ingredients are to be thoroughly incorporated and combined together by being ground together by means of a heavy mill or grinder, and can by the means of using more or less of the different parts of the composition obtain different grades of the composition
20 making the same lighter or heavy as may be desired, according to the weight of the frames or structures for which it is to be used upon, and can at the same time use any kind of vegetable oils according to the quality or grade as I may wish to obtain.

25 By the use of the above ingredients especially the vegetable oil the composition or putty, which is for all ordinary purposes, weather proof and water proof, is rendered fire resisting and fire proof: and will not ignite or crumble, or lose its bond when exposed to flame.

30 Thus the composition, while retaining its other quali-

ties is rendered at the same time water proof and fire proof: in consequence of which frames or structures in which it may be used will offer much greater resistance to flames, and will be rendered by means of the putty much safer and more durable. 35

By the use of the vegetable oil or oils (linseed preferred) the putty becomes thoroughly fire resisting while it retains all the qualities and serviceability of the highest class of such composition and offers strong resistance to the penetration of dampness and the in- 40 jurious effects of the variable degrees of the weather whether it be extreme heat or cold.

I am aware that all manufacturers use vegetable oils in the manufacturing of putty but I do not know of any manufacturer ever using chlorid of zinc until my 45 discovery of producing a fire resisting and fire proof putty as aforesaid but I am not aware that, the ingredients as used by me have been used before for making a fire proof putty as stated and combined together.

I claim 50

1. The herein described composition of matter consisting of vegetable oil or oils chlorid of zinc and whiting for putty rendering the same fire proof and fire resisting and at the same time water proof.

2. The herein described composition of matter consisting of vegetable oil or oils chlorid of zinc and whiting as specified in substantially the proportions specified to make a fire proof and fire resisting putty. 55

JOHN MARX.

Witnesses:

JOHN KANE,

CHARLES C. G. STRETCH.