

# UNITED STATES PATENT OFFICE.

THEODORE F. ODELL, OF NYACK, NEW YORK.

## FIREPROOF SIZING.

No. 815,207.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed April 13, 1905. Serial No. 255,448.

*To all whom it may concern:*

Be it known that I, THEODORE F. ODELL, a citizen of the United States, residing at Nyack, in the county of Rockland and State of New York, have invented certain new and useful Improvements in Fireproof Sizing; and I do 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 is an improved fireproof sizing for use in fireproofing paper, wood, cotton, and other fabrics; and it consists in the combination of ingredients hereinafter specified.

My improved fireproof sizing consists of a composition of glue, three ounces; alum, eight ounces; glycerin, two ounces, and flour three ounces. I use the glue in liquid form, the flour in the form of paste, and the alum either powdered or in lumps dissolved in water. By varying the proportion of the gly-

cerin used I may produce a flexible, a medium hard, or a very hard fireproofing composition. The same may be applied to the surface to be rendered fireproof by means of a brush, or an article to be treated by my improved composition may be immersed therein.

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

A fireproof sizing consisting of sufficient water to secure the desired consistency, and glue one and one-half parts, alum four parts, glycerin one part and flour one and one-half parts, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

THEODORE F. ODELL.

Witnesses:

HOWARD GARNER,  
DANL. W. CRANSTON.