

517,850

EXAMINER'S ROOM

UNITED STATES PATENT OFFICE.

CHARLES EHRLICHER, OF WATERTOWN, NEW YORK.

LAGGING FOR BOILERS AND PIPES.

SPECIFICATION forming part of Letters Patent No. 517,850, dated April 10, 1894.

Application filed December 14, 1893. Serial No. 493,705. (No specimens.)

To all whom it may concern:

Be it known that I, CHARLES EHRLICHER, of Watertown, in the county of Jefferson and State of New York, have invented a new and
5 useful Improvement in Lagging for Boilers and Pipes, of which the following is a specification.

My invention relates to an improvement in lagging for boilers and pipes, consisting of a
10 plastic mixture of fibrous talc and hair, having incorporated therewith soluble glass.

In preparing the lagging, I mix the fibrous talc and hair in the proportion of ninety pounds of talc to ten pounds of hair and then
15 add to and thoroughly mix with the talc and hair a soluble glass, using sufficient water to bring the mixture into a plastic state of the proper consistency to be spread upon the boiler or pipe with a trowel after the manner
20 of plaster.

The mixture may be made in the same manner as mortar is commonly made, by mixing together the several ingredients in the presence of a sufficient amount of water to render
25 the mass easily worked.

While I have given the proportions of the talc and hair as ninety pounds of the former to ten pounds of the latter, I do not wish to limit myself strictly to these proportions as I find it advantageous to vary them somewhat
30 in practice according to the quality of the materials employed. Thus for example, if the fibrous property of the talc is prominent, a less proportion of hair may be employed than where the fibrous property of the talc is
35 less prominent and on the other hand, if the hair employed is long and strong, a less quantity of the hair may be employed than where it is shorter and brittle.

What I claim is—

Lagging for boilers and pipes composed of
40 a mixture of fibrous talc, hair and soluble glass in the proportions substantially as set forth.

CHARLES EHRLICHER.

Witnesses:

FREDK. HAYNES,
IRENE B. DECKER.

170,099 - Merrill - Nov 16-75 - C.R. & Co., Boiler Co.
289,451 - Rust - Dec 4-83 - " Camp.