

UNITED STATES PATENT OFFICE.

TRUMAN MERRIAM, OF MILWAUKEE, WISCONSIN.

IMPROVEMENT IN COVERINGS FOR STEAM-PIPES, BOILERS, &c.

Specification forming part of Letters Patent No. **156,710**, dated November 10, 1874; application filed December 1, 1873.

To all whom it may concern:

Be it known that I, TRUMAN MERRIAM, of Milwaukee, county of Milwaukee and State of Wisconsin, have invented a certain Improvement in Covering for Steam-Pipes, Boilers, Cylinders, or anything where it is desirable to prevent the radiation of heat and exclude both cold and hot water, also frost, of which the following is a specification:

My invention relates to a certain compound for covering hair-felt on both sides, which is used in covering steam boilers, pipes, and water-pipes; also, on cloth or paper for roofing and other purposes; and it consists in uniting into one compound one gallon of pure clay, six gallons of soft water, six gallons of prepared coal-tar, one gallon of plaster-paris,

or sufficient to cut the tar. Mix the whole thoroughly together.

To prepare the coal-tar, say, take forty gallons of raw or common coal-tar; boil it until five gallons of oil pass off in steam or vapor, and then it is ready for use.

I do not claim any new chemical quality of the ingredients.

I claim as my invention—

A compound consisting of clay, water, prepared coal-tar, and plaster-paris, substantially in the proportions and for the purpose specified.

TRUMAN MERRIAM.

Witnesses:

EDITH MERRIAM,
J. B. SMITH.