

UNITED STATES PATENT OFFICE.

JAMES A. CRAIG; OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN ROOFING COMPOUNDS.

Specification forming part of Letters Patent No. **168,142**, dated September 28, 1875; application filed August 28, 1875.

To all whom it may concern:

Be it known that I, JAMES A. CRAIG, of the city and county of Philadelphia, Pennsylvania, have invented a new and Improved Roofing Compound, of which the following is a specification:

The object of my invention is to provide an improved roofing compound of durable and reliable quality, that serves to protect the pitch employed against deteriorating and cracking by the combined action of the weather and the physical changes in the material employed.

The invention consists of broken or granulated soap-stone laid in one or more layers with hot pitch.

The soap-stone employed is procured from the soap-stone quarries, the smaller pieces and refuse being crushed or granulated by suitable machines into small pieces, which are applied with hot pitch in the customary manner, one or more layers being used, as required.

The peculiar qualities of the soap-stone and the resistance to atmospheric influence form a protection for the pitch, which is thereby not liable to deteriorate or crack, as when other roofing materials are used, as slag, iron-scales, &c.

The roofing compound is, therefore, very durable, and dispenses effectually with the frequent repairs of such roofs and the annoying leaking of the same.

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

A roofing compound consisting of comminuted soap-stone and hot pitch, applied substantially as and for the purpose specified.

JAMES A. CRAIG.

Witnesses:

PAUL GOEPEL,

ALEX. F. ROBERTS.