

# UNITED STATES PATENT OFFICE.

WILLIAM DETRICK, OF INDIANAPOLIS, INDIANA.

## COMPOUND FOR ROOFING BUILDINGS.

SPECIFICATION forming part of Letters Patent No. 284,725, dated September 11, 1883.

Application filed February 23, 1883. (No specimens.)

*To all whom it may concern:*

Be it known that I, WILLIAM DETRICK, of Indianapolis, Indiana, have invented a new and useful Improvement in Compounds for  
5 Roofing Buildings, of which the following is a description.

My composition consists of the following ingredients, combined in the proportions stated, viz: slate-flour, nine (9) parts; asphaltum,  
10 two (2) parts; cement or water-lime, one (1) part; coal-tar pitch, two (2) parts; dead or creosote oil, two (2) parts. I melt the asphaltum and pitch in a tank, and then add the dead-oil. Afterward I put in the cement and  
15 slate-flour in small quantities at a time, mixing all thoroughly till the mass is about the consistency of mortar. I then add a quantity of plasterer's hair sufficient to weave the mass together.

20 This compound, when finished, I spread evenly upon sheets or squares of burlap-cloth, on one side, and two of these sheets of cloth are then firmly pressed together to form the roofing-sheet. Sheets prepared in this  
25 way may readily be packed in layers or rolled for shipment, and will not stick together, as only the outside or cloth parts of the separate roofing-sheets touch. These sheets are then laid upon the roof, and may be secured there-  
30 on in any suitable manner, and when the roof is covered a thin coat of the compound is

spread over the outside, which is then coated with sand.

I am aware that various compositions for roofing have been patented and used wherein 35 many of the above ingredients are combined, and that burlaps have been used to some extent for spreading the compound upon; but I am not aware that all of the ingredients of my composition, in the proportions stated, have 40 been used together and in connection with cloth or paper foundations.

What I claim, and desire to secure by Letters Patent, is—

1. The herein-described combination of mat- 45 ter to be used for roofing purposes, consisting of slate-flour, asphaltum, cement, coal-tar pitch, and creosote-oil, in the proportions specified.

2. The above-described combination of ma- 50 terials for roofing purposes, consisting of slate-flour, asphaltum, cement, coal-tar pitch, and creosote-oil, thickened with plasterer's hair, in the proportions and for the purpose specified. 55

In witness whereof I have hereunto set my hand this 25th day of October, 1882.

WILLIAM DETRICK.

Witnesses:

C. P. JACOBS,  
T. J. VAN VORHIS.