

96

57,874

# UNITED STATES PATENT OFFICE.

CARY K. DANIEL AND S. F. DANIEL, OF COVINGTON, KENTUCKY.

## IMPROVED COMPOSITION FOR ROOFING.

Specification forming part of Letters Patent No. 57,874, dated September 11, 1866.

To all whom it may concern:

Be it known that we, CARY K. DANIEL and STEVEN F. DANIEL, both of Covington, Kenton county, Kentucky, have invented a new and useful Composition for Paving, Roofing, and other Purposes; and we do hereby declare the following to be a full, clear, and exact description thereof.

For paving and building purposes we take hydraulic cement, one and one-half barrel; bitter water or drainings from salt-works, three gallons; coal-pitch or asphalt, or residuum of petroleum, one-half barrel. Put all together into a kettle and bring to the boiling-point. Boil and stir for about fifteen minutes until thoroughly blended. Just before using stir in coarse sharp sand, five bushels; coarse gravel, five bushels.

For paving, spread the cement to the desired depth over the ground and roll with a hot roller. For building-blocks, run into suitable molds. For roofing, add twenty pounds Spanish whiting to the above ingredients and spread and roll.

We claim—

The composition herein described, composed and compounded as described, for the purposes stated.

In testimony of which invention we hereunto set our hands.

C. K. DANIEL.  
STEVEN F. DANIEL.

Witnesses:

FRANK MILLWARD,  
GEO. H. KNIGHT.

hyd. cem 1 1/2 barrel  
Coarse sand 5 bushel  
" gravel 5 "

bitter water } 3 gal  
or  
drainings }

coal-pitch } 1/2 barrel  
or  
asphalt }  
or  
resid. of petroleum }