

C. Hallman,

Malt Floor.

No. 103333.

Patented May 24. 1870.



Witnesses:

A. W. Almarist
L. S. Mabce

Inventor:

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Attorneys.

United States Patent Office.

CHARLES HOLLMANN, OF UNION HILL, NEW JERSEY.

Letters Patent No. 103,333, dated May 24, 1870.

IMPROVEMENT IN LAYING MALTING-FLOORS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CHARLES HOLLMANN, of Union Hill, in the county of Hudson and State of New Jersey have invented a new and useful Improvement in Malting-Floors; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

The figure is a detail cross-section of a malting-floor, illustrating my invention.

My invention has for its object to improve the construction of malting-floors of artificial stone, so as to prevent the said artificial stone from being cracked and broken by the contraction and expansion of the wooden floor upon which it is laid; and

It consists in the interposition of paper, cloth, or other suitable material, between the wooden floor and the artificial stone, as hereinafter more fully described.

Heretofore, in forming artificial stone malting-floors, the material for the artificial stone has been spread directly upon the wooden floor of the malt-house, and the result has been that the said material has adhered to the said wooden floor, and the contraction and ex-

pansion of the said wooden floor have soon cracked the artificial stone.

This difficulty I have remedied by the interposition of paper, cloth, or other suitable material, A, between the wooden floor B and the artificial stone C, to prevent the adhesion of the said artificial stone to the said wooden floor.

When ordinary paper is used I prefer to wet it with lime-water, to toughen it, and prevent its tearing before the material for the artificial stone is set, the said interposed material being of no farther use after the artificial stone has become hard.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The interposition of a layer of paper, cloth, or other suitable material between the wood and the artificial stone of a malting-floor, substantially as herein shown and described, and for the purpose set forth.

The above specification of my invention signed by me this 17th day of March, 1870.

Witnesses: CHARLES HOLLMANN.

GEO. W. MABEE,
JAMES T. GRAHAM.