

(No Model.)

T. STEWART.
CARPET LINING.

No. 304,243.

Patented Aug. 26, 1884.

Fig. 1.

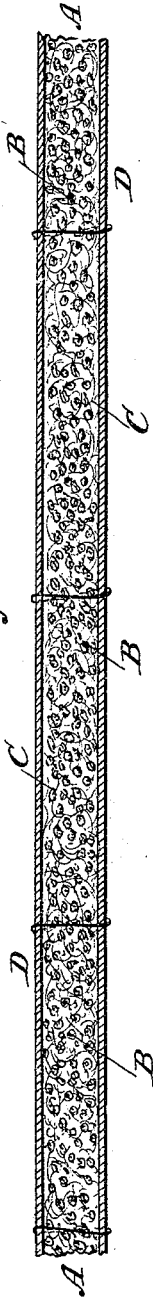
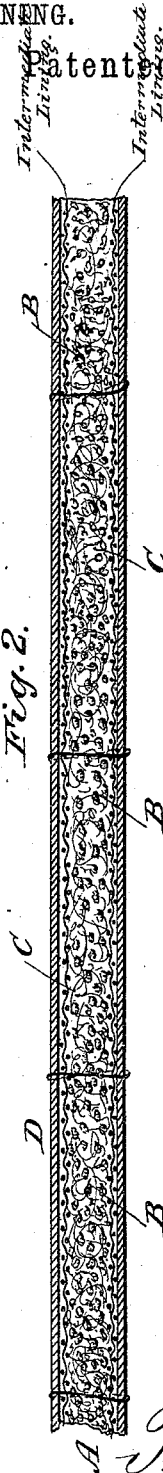


Fig. 2.



WITNESSES:

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THOMAS STEWART, OF PHILADELPHIA, PENNSYLVANIA.

CARPET-LINING.

SPECIFICATION forming part of Letters Patent No. 304,243, dated August 26, 1884.

Application filed November 16, 1883. (No model.)

To all whom it may concern:

Be it known that I, THOMAS STEWART, a citizen of the United States, and a resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Carpet-Lining; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention has relation to carpet-linings consisting of an elastic layer interposed between two layers of textile fabric or paper; and it consists in the improved construction of such a lining and the combination of its substances, as hereinafter more fully described and claimed.

In the accompanying drawings, in which similar letters of reference indicate corresponding parts in both the figures, Figure 1 shows a section through the lining, and Fig. 2 shows a similar view of a slight modification of the same.

The body or filling A of the lining consists of a layer, C, of fibrous material—such as cotton—into which an elastic granular substance—such as cork—is incorporated, as shown at B, by carding or similar means, the substances of the filling being well mixed with or incorporated into each other, forming a loose sheet without other adhesion between the particles than the natural adhesion between the particles of the cotton. In this manner a loose and soft filling is formed, in which the cork adds a solid and elastic body to the soft cotton substance, offering a better resistance to wear and compression than the unmixed cotton. This soft and elastic filling is interposed between two sheets, D, of paper or textile fabric, or, as shown in Fig. 2 of the drawings, between two sheets of the textile paper, for which Letters Patent No. 265,884, were granted to me on the 10th day of October, 1882, which sheets may be united with the

surfaces of the filling, either by placing the freshly-made and wet and soft paper upon the surfaces of the filling, with which it will unite in drying, or by coating the paper with paste, glue, or other adhesive, or by uniting the two sheets by means of threads passing through the filling, as shown in the drawings.

I am aware that sponge, cork, or similar elastic and finely-comminuted material has been used mixed with paper-pulp; also, that sheets of mixed paper-pulp and cork have had fiber spread upon them while wet; also, that granulated cork has been confined between two layers of textile fabric, that cotton-waste or similar fibrous material has been mixed with finely-comminuted sponge or cork, and thereupon penetrated with size or glue, uniting all the substances into an adhering mass, all for the purpose of producing carpet-linings, and that sheets of cork have been united with sheets of rubber or textile fabric for the purpose of making hat-bodies or similar articles, and I do not wish to claim such combinations of material for carpet-linings, inasmuch as they all fail to accomplish what I especially desire to accomplish and accomplish by my lining—viz., a soft and loose filling for the lining, which at the same time will have sufficient body or solidity to prevent its being packed down at places where it is subjected to more weight and wear than at other places; and therefore

I claim—

A carpet-lining consisting of a soft and loose filling of fibrous material—such as cotton—having an elastic granular substance—such as cork—thoroughly incorporated into it and interposed between two sheets or layers of paper or textile material as an article of manufacture.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

THOMAS STEWART.

Witnesses:

DAVID C. DEAVEY,
RICH'D. M. GREINER.