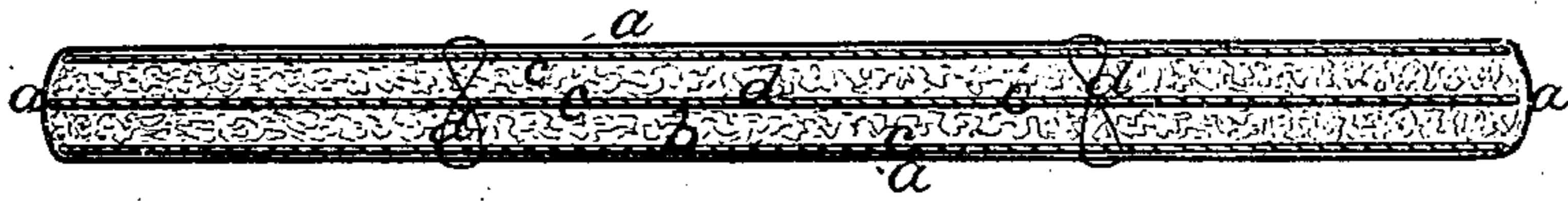


G. W. Chippman.
Carpet Lining.

N^o 53,573.

Patented Apr. 3, 1866.



Witnesses,
S. B. Kidder
M. W. Frothingham

Inventor,
George W. Chippman
by his attys -
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UNITED STATES PATENT OFFICE.

GEORGE W. CHIPMAN, OF MELROSE, MASSACHUSETTS.

IMPROVED STAIR-CARPET PAD.

Specification forming part of Letters Patent No. 53,573, dated April 3, 1866.

To all whom it may concern:

Be it known that I, GEORGE W. CHIPMAN, of Melrose, in the county of Middlesex and State of Massachusetts, have invented an Improved Stair-Carpet Pad; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

The tread of persons in traveling over flights of stairs differs from the tread of the same persons when walking upon a level, the foot descending with a forward thrust or push which brings a peculiar wear upon the carpet of the stairs, and calls for a pad or cushion under the carpet which will resist the thrusting or pushing action of the foot. Where mere layers of soft material are placed beneath the stair-carpet, on the treads of the stair-case, they are soon displaced or pushed from the front edge of the tread of each stair, and are apt to become ridgy, leaving the carpet without a yielding wear-saving cushion at the most-severely-worn portion—viz., the edge of the stair-tread—and forming an uneven surface which is disagreeable to step upon.

To obviate the objections named and to produce a stair-carpet pad or cushion which will keep its position over the front edge of a stair-tread, which will not become ridgy, and which is impervious to moths and dust, is the object of my invention.

Said invention consists in a pad of dimensions suitable to cover that surface of a stair-tread which is overlaid by a carpet, when prepared as an article of manufacture fit to be sold in any quantity, and ready to be applied without cutting or fitting, and when constructed of one or more composite layers enveloped in a closed case of textile material, this and the layer or layers inclosed being

united by quilting or sewing through the whole material, and the layer or layers consisting of sheets of felt or batting, or other fibrous matter, covered on each side with sheets of paper.

The drawing shows a cross-section of my improved stair-carpet pad, which is drawn as having two composite layers enveloped in the textile material *a*. Each layer is made up of a sheet of fibrous material (marked *b*) inclosed between two sheets of paper, *c c*. The quilting or stitches by which the central parts of the pad are held together may be seen at *d d*.

Without the employment of the paper the pad would be too flexible, and the layers of soft fibrous material adhering to the textile cover would be displaced by the thrusts received in wear and would soon become ridgy.

Upon removal of a stair-carpet these pads beneath it may be taken up and cleansed by beating, and can be relaid with a change of position.

When the durability of this pad and its improved action under wear over mere loose cushions is considered, and with reference to the saving of stair-carpeting, it will appear that a great saving is effected by their use.

I claim—

As a new article of manufacture, the stair-carpet pad constructed of one or more layers, consisting of fibrous matter covered on each side with sheets of paper and enveloped in a closed case of textile material, when the whole is quilted at several points through all the materials composing the pad, substantially as described.

In witness whereof I have hereunto set my hand this 7th day of February, A. D. 1866.

GEO. W. CHIPMAN.

Witnesses:

J. B. CROSBY,
FRANCIS GOULD.