

W. Fuzzard.
Carnet Lining.

N^o 64,092

Patented Apr. 23, 1867.

Fig. 1

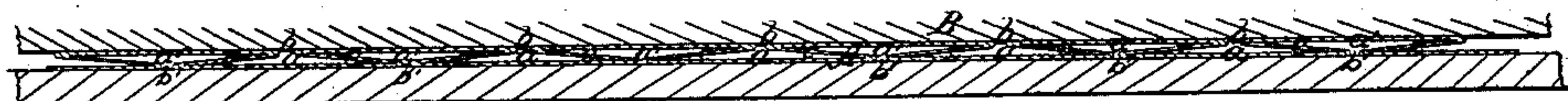


Fig. 2.

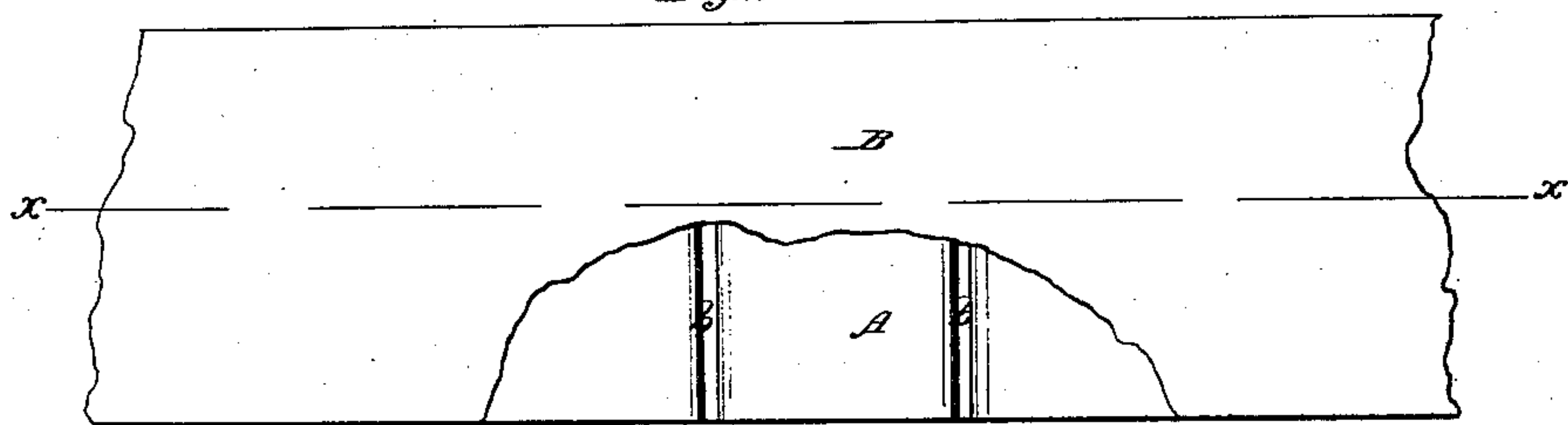


Fig. 3.

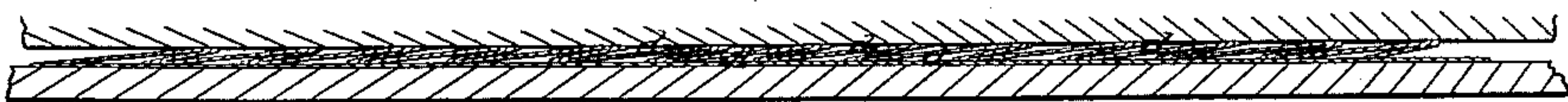
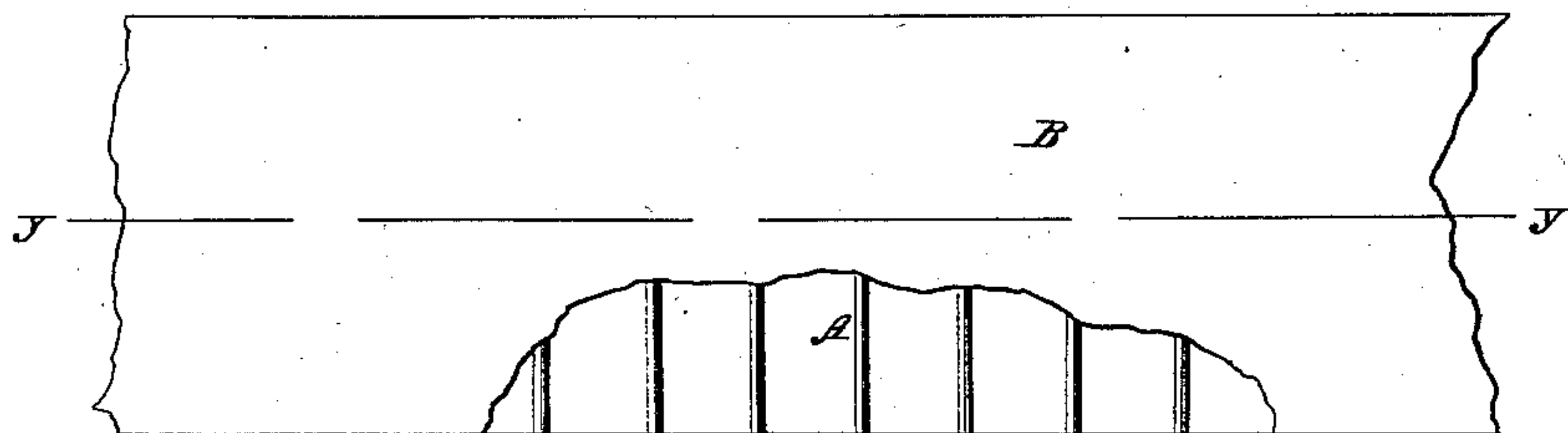


Fig. 4.



Witnesses,

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UNITED STATES PATENT OFFICE.

WILLIAM FUZZARD, OF CHELSEA, MASSACHUSETTS.

IMPROVED CARPET-LINING.

Specification forming part of Letters Patent No. **64,092**, dated April 23, 1867.

To all whom it may concern:

Be it known that I, WILLIAM FUZZARD, of Chelsea, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Carpet-Lining; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

Carpets, when laid upon a naked floor, soon become worn and materially disfigured on account of a lack of elasticity, and to obviate this difficulty linings of various kinds have been employed. The original lining consisted simply of straw spread evenly over the floor, and old newspapers have been used for the purpose; but more recently factitious linings have been devised, the one in most general use, and now extensively manufactured, consisting of "shoddy" batting interposed between paper sheets. This lining greatly protects the carpet, preventing abrasion and wear; but it is objectionable on account of furnishing a harbor for moths, and not permitting the dust to pass through it.

My invention is designed to obviate these difficulties, and at the same time retain the advantage of elasticity pertaining to the present lining in use. To this end I construct a lining of stiff paper, pasteboard, or a sized textile or other suitable fabric, bent, corrugated, or folded in such a manner as to give it elasticity or a spring-like action, and at the same time to form receptacles for the dust which may pass through the carpet.

In the accompanying drawings, Figure 1 represents a vertical section of a floor having my improved lining, and a carpet applied to it, *x x*, Fig. 2, indicating the line of section; Fig. 2, a plan or top view of the same; Fig. 3, a vertical section of a floor having my improvement applied to it, slightly modified from that shown in Figs. 1 and 2, *y y*, Fig. 4, indicating the line of section; and Fig. 4 is a plan or top view of Fig. 3.

Similar letters of reference indicate corresponding parts.

I construct my invention out of strips, A, of stiff paper, pasteboard, or sized cloth or other suitable fabric, of a width equal to that of the breadth of the carpet, the material being in a continuous roll. These strips I bend or fold transversely in a zigzag manner, as shown clearly in Fig. 1, so as to form chambers or recesses *a*, with openings *b* at their upper parts, and intermediate chambers *a'*, with openings *b'* at their lower parts. This folding up of the material imparts a certain degree of elasticity to it, admitting of a spring-like action, and preserving the carpet, B, which is laid over it from abrasion and wear, and at the same time the chambers *a a* serve as receptacles for dust, and no harbor is afforded for moths.

In laying down this lining it may, if necessary, be increased in thickness by slightly stretching it longitudinally, and then tacking the ends to the floor, the stretching of the lining causing the inclined sides *c* of the chambers *a a* to assume a more elevated position.

In Figs. 2 and 3 the material is shown with a different fold, what may be termed a "single lap." By this fold chambers *d* are formed and elasticity obtained, the result being substantially the same in both cases.

From the above description it will be seen that the article may be very cheaply manufactured. The material is not costly, and the folding may be effected rapidly by a simple machine.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

As a new article of manufacture, a carpet-lining constructed of stiff paper, pasteboard, or a sized textile or other suitable fabric, bent, corrugated, or folded to effect the result substantially as herein set forth.

WILLIAM FUZZARD.

Witnesses:

JOHN F. HAINES,
JOHN SABINE.