

2 Sheets
Sheet 1

G. Schott.

Mattress.

N^o 73466

Patented Jan. 21, 1868.

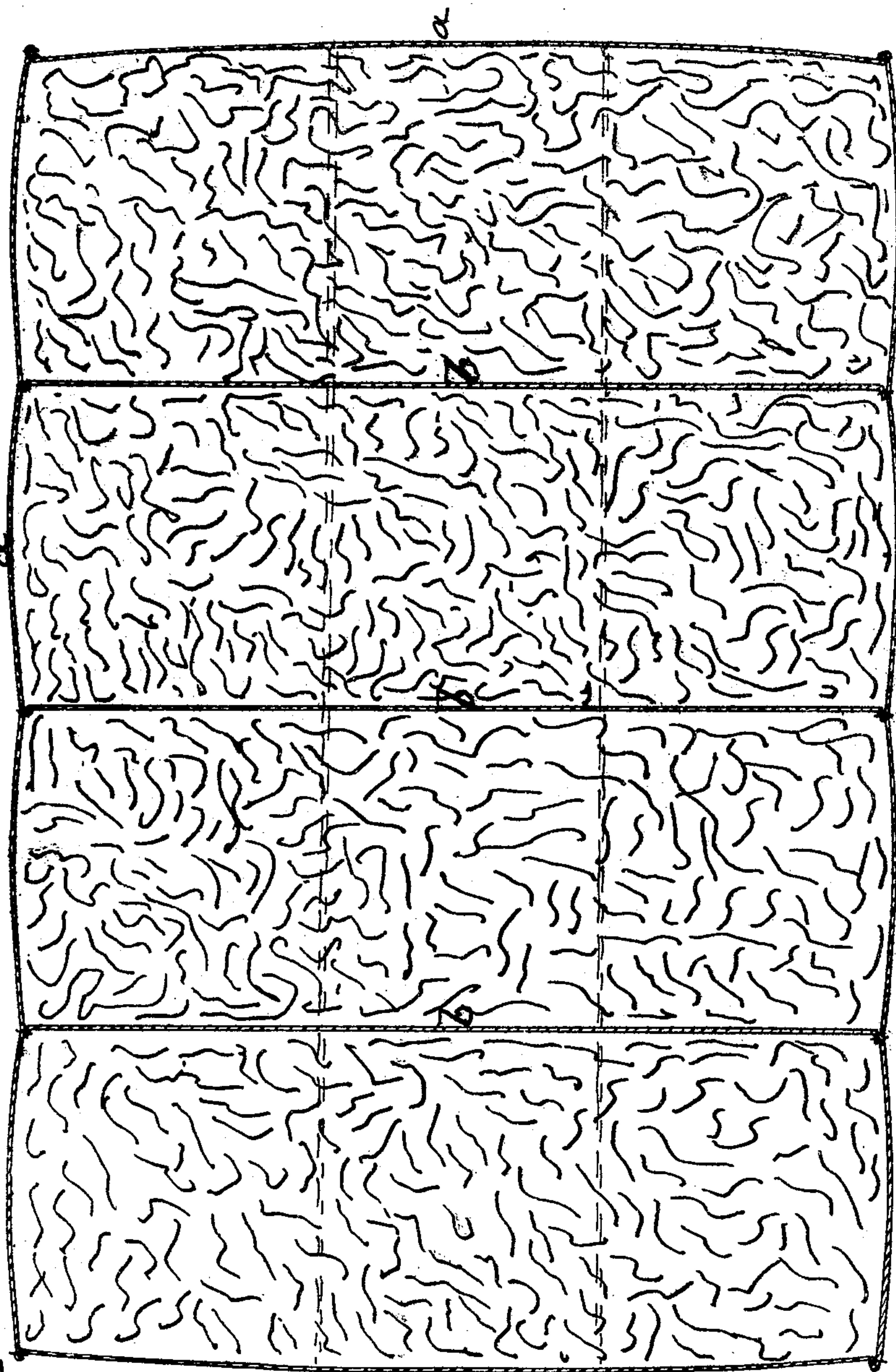


Fig. 1.

Witnesses

Chas. Geo. Harrell

William G. Smith

Inventor

Geo. Schott

2 Sheets
Sheet 2

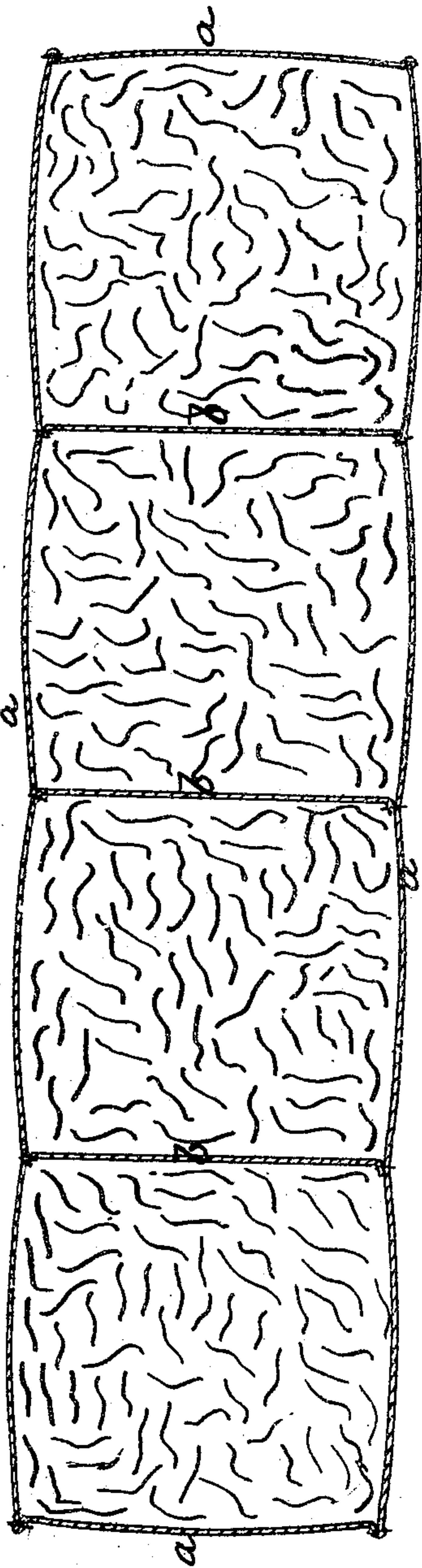
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Fig. 2.



Witnesses.

Geo. Geo. Rane

William G. Mott

Inventor

Geo. Schott.

United States Patent Office.

GEORGE SCHOTT, OF NEW YORK, N. Y.

Letters Patent No. 73,466, dated January 21, 1868.

IMPROVED MATTRESS.

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, GEORGE SCHOTT, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Mattresses; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is a sectional plan of my said mattress, and

Figure 2 is a cross-section vertically through the same.

Similar marks of reference denote the same parts.

Mattresses heretofore made usually depend upon the power of the fibres composing the filling to spring back to their normal position after having been compressed by a weight, and there is little or no opportunity to shake up such mattresses and render them soft; in fact, the fibres become interlaced and matted together, so that they cannot be separated, except by being picked apart. With feather-beds, the reverse is the fact—the feathers separate upon the bed being shaken; but feather-beds have to be filled with a large amount of feathers, or else the pressure on one portion of the bed drives the feathers to other portions, preventing such bed being comfortable or healthy.

Mattresses have heretofore been formed with a zigzag diaphragm running along through the mattress, and attached alternately to the top and bottom of the ticking; but in this case the divisions formed were triangular or wedge-shape, and there was no opportunity for shaking up the feathers or other filling-material that became wedged into the angles.

The nature of my said invention consists in a mattress formed with strips of cloth or similar material, attached at the edges to the top and bottom portions of the mattress-ticking or case, so as to form partitions, that occupy a position nearly at right angles to the surface of the mattress, whereby the interior of the mattress that receives the feathers or other elastic material is divided up into square or oblong partitions; hence, the compression of such elastic material by a weight, and its expansion, will be at right angles to the surface of the mattress, without undue strain on the partitions, and at the same time the elastic filling-material will be retained in the proper position, but be free to be shaken up loosely when not in use.

In the drawing, *a* represents the exterior covering or ticking, of any usual material. *b b* are divisions, running in two directions as represented by the full lines, or in two directions, as shown by the red lines, so as to form boxes or cells of any desired size.

The feathers may be of any desired character, and as they are confined to the allotted cell, and not as liable as usual to stick through the ticking, they may be of a commoner character than usually employed.

The ticking and partitions forming the cells are to be stitched together, or otherwise formed in any usual manner, and the mattress may be of any usual size. This mattress can be shaken up like a feather-bed, and will regain its shape, and remain soft and comfortable.

I do not claim broadly a mattress with divisions, as air-mattresses have been formed with a number of chambers.

I do not claim a mattress made in sections, with openings through it, as in the patent of H. W. Henly, June 7, 1859.

What I claim, and desire to secure by Letters Patent, is—

A mattress, in which the space between the upper and under side of the ticking or case is divided up into boxes or cells by strips of cloth or similar material, attached at their edges to such ticking or case, substantially as and for the purposes specified.

In witness whereof, I have hereunto set my signature, this 16th day of July, 1864.

GEO. SCHOTT.

Witnesses:

THOS. GEO. HAROLD,

WILLIAM G. MOTT.