

W. S. PRATT.
FABRIC FOR UNDERLAYING CARPETS.

No. 16,036.

Patented Nov. 4, 1856

Fig. 1.

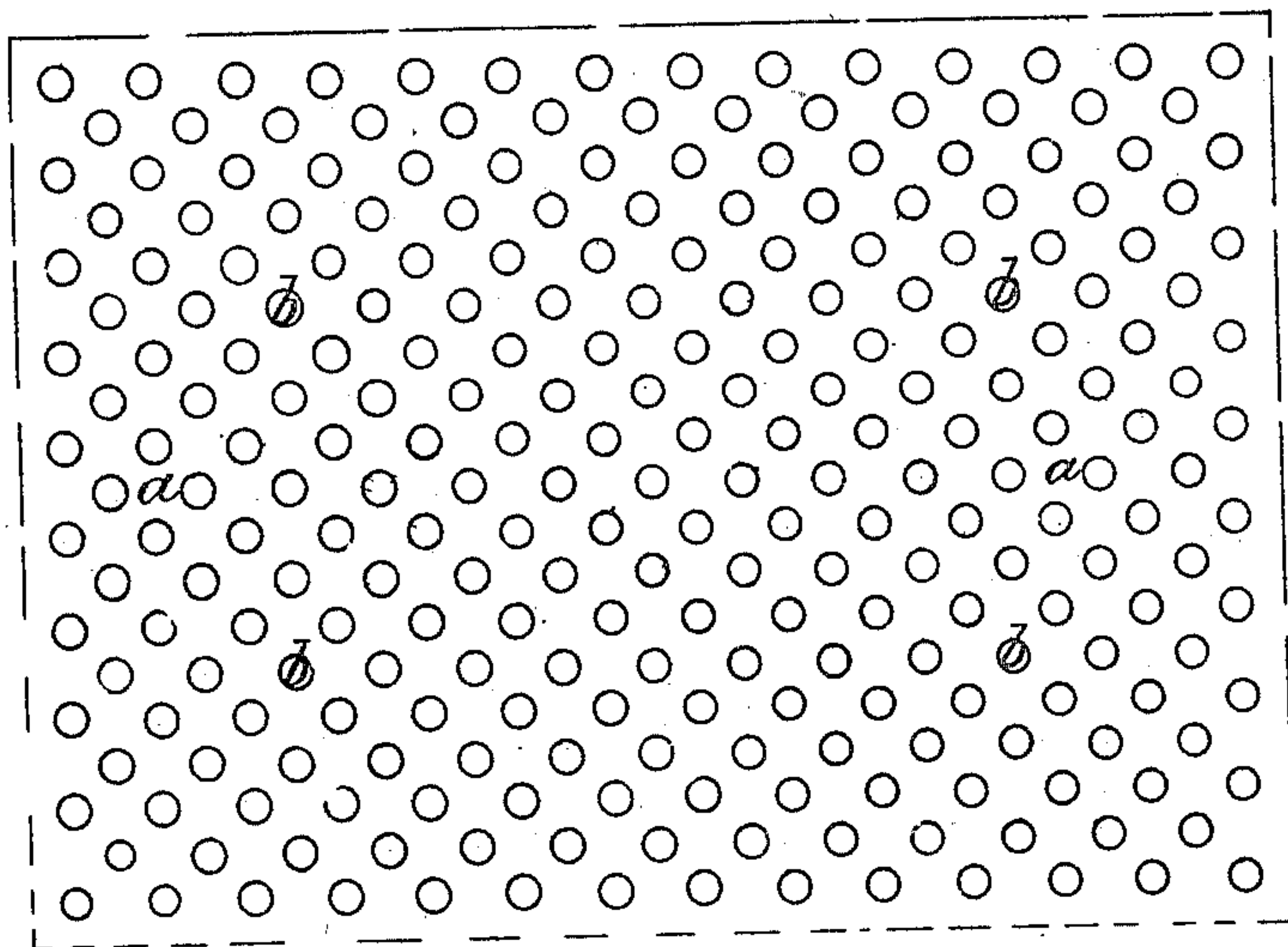
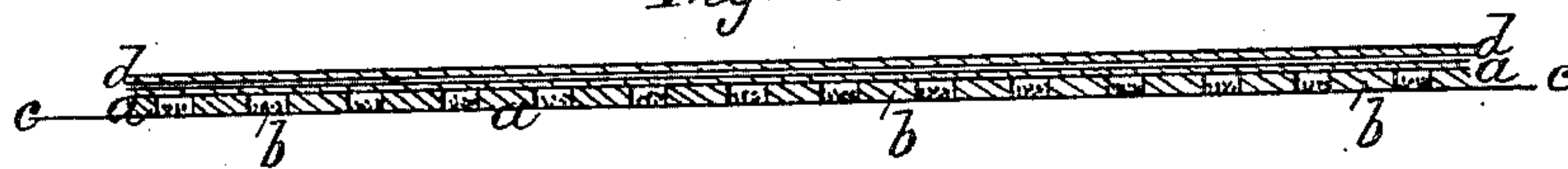


Fig. 2.



UNITED STATES PATENT OFFICE.

WILLIAM S. PRATT, OF BROOKLYN, NEW YORK, ASSIGNOR TO J. S. C. THURSBY, OF
SAME PLACE.

FABRIC FOR UNDERLAYING CARPETS.

Specification of Letters Patent No. 16,036, dated November 4, 1856.

To all whom it may concern:

Be it known that I, WILLIAM S. PRATT, of the eastern district of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Fabric for Underlaying Carpets on Floors for the Purpose of Extracting and Collecting the Dust Therefrom; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1, is a face view of a piece of the fabric, and Fig. 2 is a section of the same showing it applied to a floor under a piece of carpet.

Similar letters of reference indicate corresponding parts in both figures.

The fabric which constitutes the subject of this invention consists of stout paper or paper-board made cellular by perforating it thickly all over. When this fabric is laid between a carpet and a floor, the dust which is always driven in greater or less quantities toward and through the under surface of the carpet by the act of sweeping, will be forced into and retained by the cells in the fabric, leaving the carpet much cleaner than if placed on the bare floor, or with such materials as are generally used, interposed between it and the floor, thus obviating the necessity of so frequently taking up the carpet to beat or shake it, the carpet underlaid with this fabric never requiring to be taken up till the cells become filled up with dust, and also preventing its beauty being so quickly impaired, and making it wear longer.

a, a, represents the body of the fabric; *b, b*, the holes or cells; *c, c*, the face of the floor; and *d, d*, the carpet.

The fabric may be made of rope-makers' waste or of any of the materials commonly used as stock for coarse paper or mill-board. It may be made by the ordinary process employed for manufacturing paper or mill-board and may be perforated to form its cells by any suitable machinery. I propose to make it of a thickness from about one sixteenth, ($\frac{1}{16}$), of an inch upward, and to make the perforations to form the cells of about from one eighth ($\frac{1}{8}$) to three sixteenths ($\frac{3}{16}$) of an inch in width or diameter, either circular or of other convenient form, and as close together as is consistent with a proper degree of tenacity, so as to obtain as great a number of cells as possible and to have the cells of such capacity as to contain each a considerable quantity of dust. The fabric may be laid down in sheets of convenient size, or in strips the whole length of a room.

By impregnating the paper with some suitable odorous or other substance, moth may be effectually excluded from the carpet.

What I claim as my invention, and desire to secure by Letters Patent, is,

The within described cellular paper or paper-board for the purpose of underlaying carpets on floors.

WILLIAM S. PRATT.

Witnesses:

WM. TUSCH,

JAMES F. BUCKLEY.