

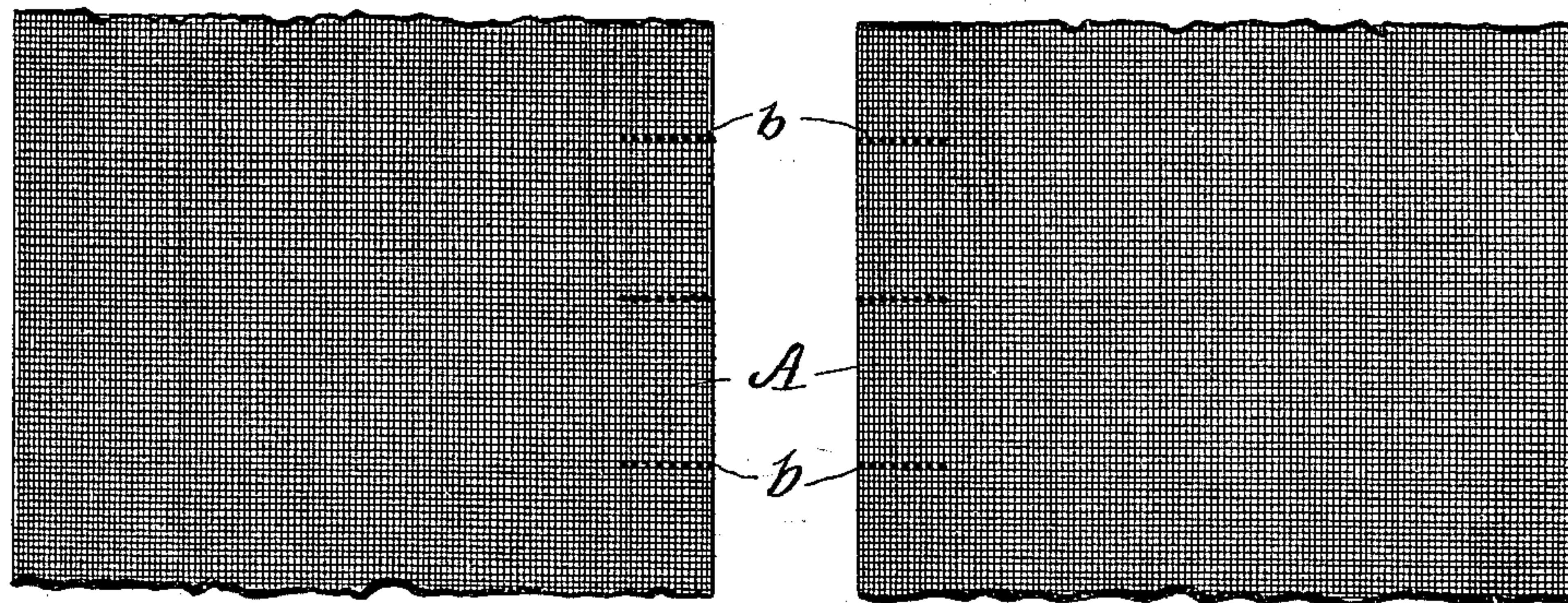
(No Model.)

E. B. ALLEN.  
PILE CARPET.

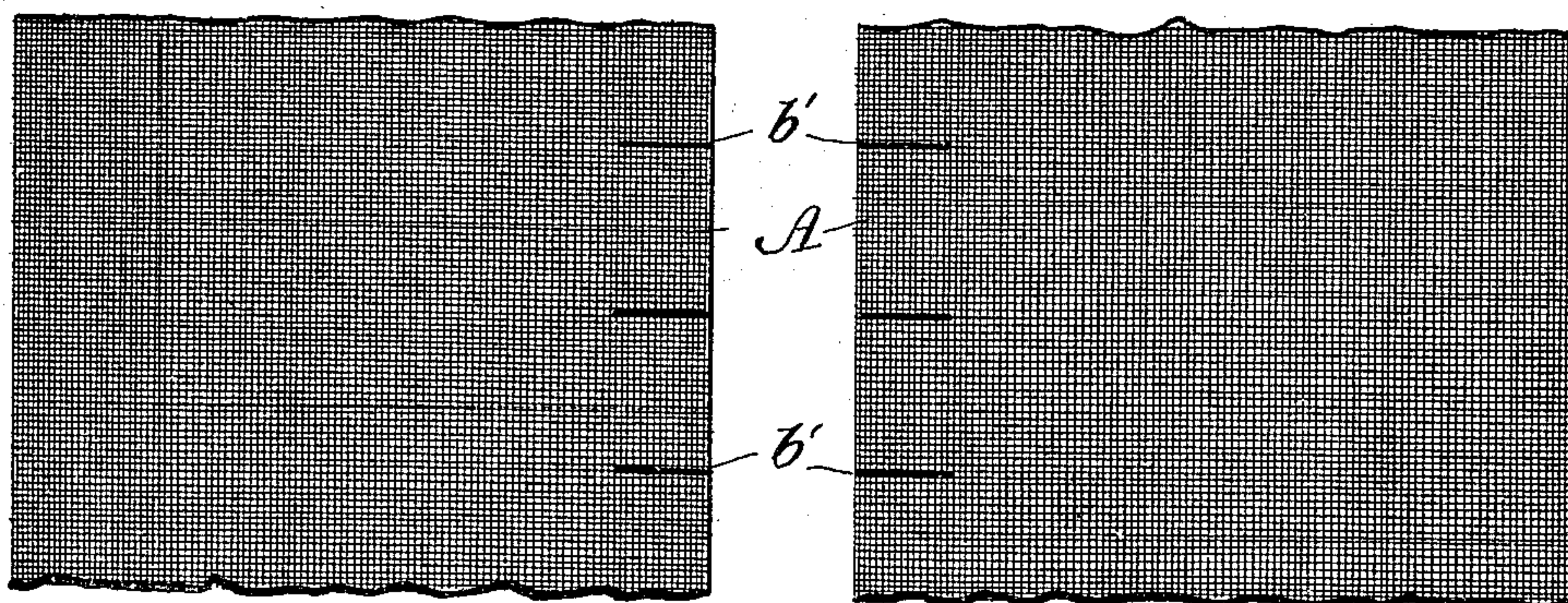
No. 548,735.

Patented Oct. 29, 1895.

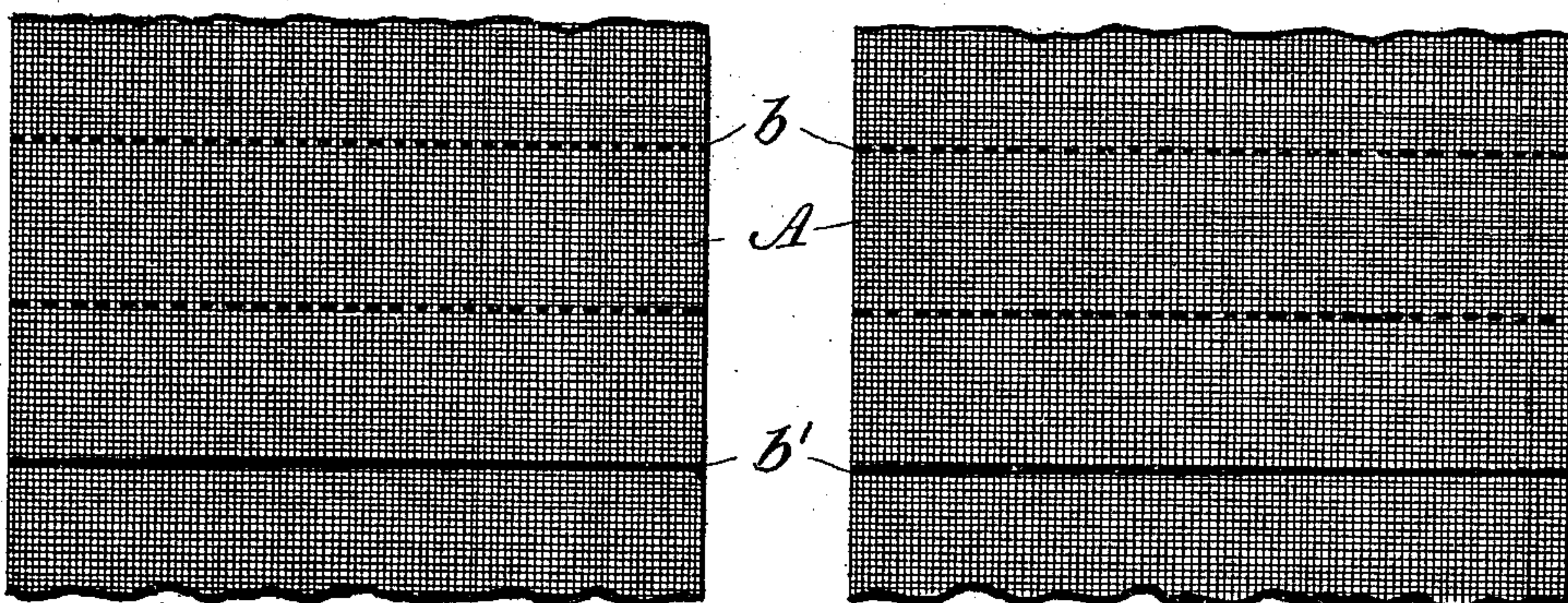
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:  
*W. H. Sweeney*  
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# UNITED STATES PATENT OFFICE.

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## PILE CARPET.

SPECIFICATION forming part of Letters Patent No. 548,735, dated October 29, 1895.

Application filed June 21, 1895. Serial No. 553,566. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD B. ALLEN, a citizen of the United States, residing at Elizabeth, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Pile Carpets, of which the following is a specification, reference being had therein to the accompanying drawings.

In joining sections or breadths of carpets or rugs together by means of sewing-machines it is customary to suspend or superpose the lengths or sections with their pile surfaces or faces toward each other and with their backs outward, and when the sections are thus placed or held much difficulty has been experienced in matching the figures and thus rapidly preparing the sections to be united, particularly when the stitching is to be done by fast-running power-driven machines, owing to the fact that the faces must be separated more or less to enable the operator to see the figures to be matched.

My invention has for its object to obviate this difficulty, and this result is effected by providing the backs of the carpet or rug breadths or sections at or near their edges with distinguishing marks of some kind, which marks on adjacent breadths or sections need only to be brought opposite each other by the operator to insure perfect matching of the figures, and as these marks are plainly visible to the operator without separation of the turned-in faces of the carpets the work of matching the figures can be much more readily and quickly effected than heretofore, when partial opening out of the adjacent faces was necessary.

The distinguishing marks which I will preferably employ will consist of threads or yarns of such colors as to form strong contrasts with the colors of the yarns constituting the backs or edges of the carpet-sections, and these contrasting marking yarns or threads will preferably be incorporated with the back edges of the carpets at regular intervals in weaving, being controlled by the Jacquard or other mechanism, which determines the figures of the carpets produced in weaving. Instead, however, of employing woven-in matching-marks such marks may be produced by sewing or by printing or stamping the back edges

of the carpets either during the weaving operation by a sewing, printing, or stamping mechanism controlled by the pattern mechanism, or by sewing, printing, stamping, or otherwise marking the edges of the carpets, or the backs near the edges, subsequent to the operation of weaving. The woven-in contrasting marking threads or yarns or the stamped or printed marks may extend entirely across the backs of the carpets, but will preferably be at or near the edges only, and they may consist of slightly-raised projections, easily seen or felt, formed by cording or otherwise, instead of contrasting colors woven in or stamped on the back edges of the carpet-sections.

In the accompanying drawings, Figure 1 denotes carpet-sections to be matched, having woven-in or sewed-in matching-marks in their backs and extending to their edges. Fig. 2 shows carpet-sections having stamped or printed matching-marks. Fig. 3 shows carpet-sections having woven-in and stamped or printed matching-marks extending entirely across the backs of the carpet-sections.

A denotes the carpet-sections to be matched and joined, and *b* denotes woven-in or sewed-in marks consisting of yarns or threads of any suitable colors to contrast with the backs or edges of the carpet fabrics, and these marks may be at or near the edges only, as in Fig. 1, or may extend entirely across the backs of the carpets, as in Fig. 3. In Figs. 2 and 3 the matching-marks *b'* are denoted as having been produced by printing or stamping. These matching-marks may be at any desired distances apart. When the figures are small, they may indicate the repeat of the figure only; but they will preferably be provided (particularly when produced in weaving) at intervals of two or three inches, so that the difficulty which now sometimes occurs in matching carpets with large figures and resulting from "fulling," occasioned by stretching or unequal weaving, will be avoided.

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

1. A carpet or rug breadth, consisting of a figured pile face and a plain or non-figured back, having its said back provided at or

near its edges with regularly disposed marks to facilitate matching the figures when the faces or pile surfaces of the sections to be matched are turned toward each other.

- 5 2. A carpet or rug breadth or section, consisting of a figured pile face and a plain or non-figured back, having its said back provided at or near its edges with regularly disposed woven-in matching marks of a suitable

color to contrast with the general appearance of the back of the fabric composing the said breadth or section.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD B. ALLEN.

Witnesses:

JOSEPH F. JAQUITH,  
HENRY CALVER.