

No. 859,129.

PATENTED JULY 2, 1907.

W. T. SMITH.
WOVEN RUG WITH FRINGE.
APPLICATION FILED MAR. 12, 1906.

Fig. 1.

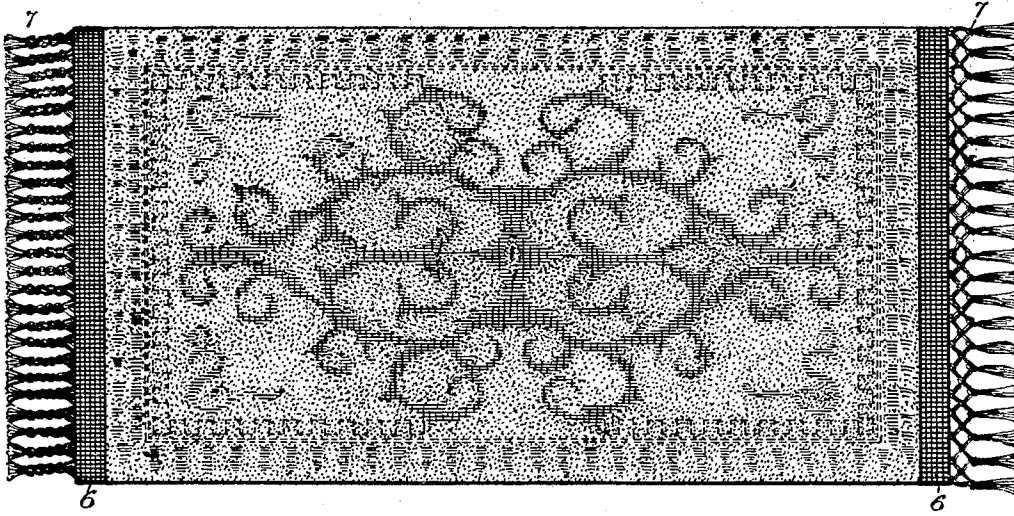
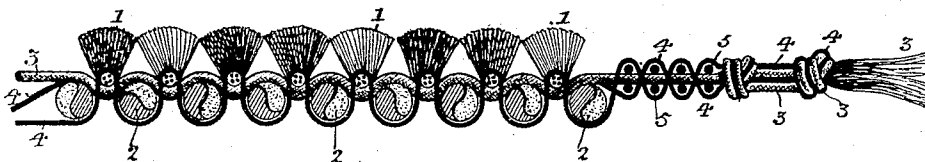


Fig. 2.



Witnesses:

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WOVEN RUG WITH FRINGE.

No. 859,129.

Specification of Letters Patent.

Patented July 2, 1907.

Application filed March 12, 1906. Serial No. 305,625.

To all whom it may concern:

Be it known that I, WILLIAM T. SMITH, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Woven Rugs with Fringes, of which the following is a specification.

My invention relates to that class of woven rugs which are usually provided with fringes at the ends, the object of my invention being to so construct such a rug as to simplify and cheapen the making of the fringe, and, at the same time, produce a neater and more acceptable fringe than usual, and one which constitutes an integral part of the rug.

In the accompanying drawing:—Figure 1, it is a view of a rug with fringed ends made in accordance with my invention, and Fig. 2, is a view on a larger scale illustrating the manner in which the fringe is produced.

Ordinary woven rugs which are fringed at the ends have said fringe composed of threads independent of those of which the rug itself is made, these independent threads being knotted or otherwise secured to the end of the woven portion of the rug. In carrying out my invention I form the fringes from projecting end portions of threads or yarns constituting part of the rug structure itself, thereby avoiding the objectionable lumps or protuberances resulting from the knotting of separate and independent threads onto the rug fabric, and at the same time producing a more durable fringe, since it is an integral part of the rug structure and cannot be detached therefrom, as can independent threads.

In the drawing I have shown my invention as applied to a chenille rug of the character shown in my previous patent, No. 705,464, dated July 22, 1902, but it should be understood that my invention is applicable not only to this type of rug but also to woven rugs in general, whether provided with cut or uncut pile, but which are provided with stuffer or other warp threads of sufficient size and bulk to permit of their use in the formation of the fringe.

In the drawing 1 represents the chenille tufts, 2 the heavy backing weft threads, 3 the stuffer warp threads

and 4 the binder warp threads. These binder warp threads, 4 are arranged in pairs, working as one with the stuffer warp threads 3 through the body of the fabric, separating so as to be interwoven with fine weft threads 5, so as to form a heading 6 at each end of the rug, and thereby prevent disintegration of the pile web at the ends of the rug, but the stuffer warp threads 3 project beyond the heading sufficiently to form the fringes 7, which may vary in character in accordance with the dictates of fashion or the taste of the manufacturer. In the present instance I have shown at one end of the rug a fringe having a heading composed of knotted net work and at the other end a simple plaited fringe. In order to prevent disintegration of the heading 6, the fine warp threads 4 are also, by preference, worked into the heading of the fringe, as shown in Fig. 2, and thereby prevented from raveling.

I claim:—

1. A woven rug having in the body, face weft threads, backing weft threads, binder warp threads and stuffer warp threads, said stuffer warp threads being continued beyond the woven portion of the ends of the rug and formed into a fringe, substantially as specified.

2. A woven rug having in the body, face weft threads, backing weft threads, binder warp threads and stuffer warp threads, and having a heading at each end, the stuffer warp threads projecting beyond said heading and being formed into a fringe, substantially as specified.

3. A woven rug having a body of pile fabric, comprising face and back weft threads, binder warp threads and stuffer warp threads, and a plain heading at each end, the stuffer warp threads extending beyond said heading and being formed into a fringe, substantially as specified.

4. A woven rug having stuffer warp threads, and binding warp threads both projecting beyond the woven portion of the rug and formed into a fringe, substantially as specified.

5. A woven rug having a body of pile fabric and a plain heading composed of interwoven stuffer and binder warp threads and fine weft threads, said stuffer and binder warp threads extending beyond the heading and forming fringe, substantially as specified.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

WILLIAM T. SMITH.

Witnesses:

R. C. STERNER,
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