

No. 875,568.

PATENTED DEC. 31, 1907.

E. W. CRUIKSHANK.

DOOR MAT.

APPLICATION FILED NOV. 15, 1905.

Fig. 1.

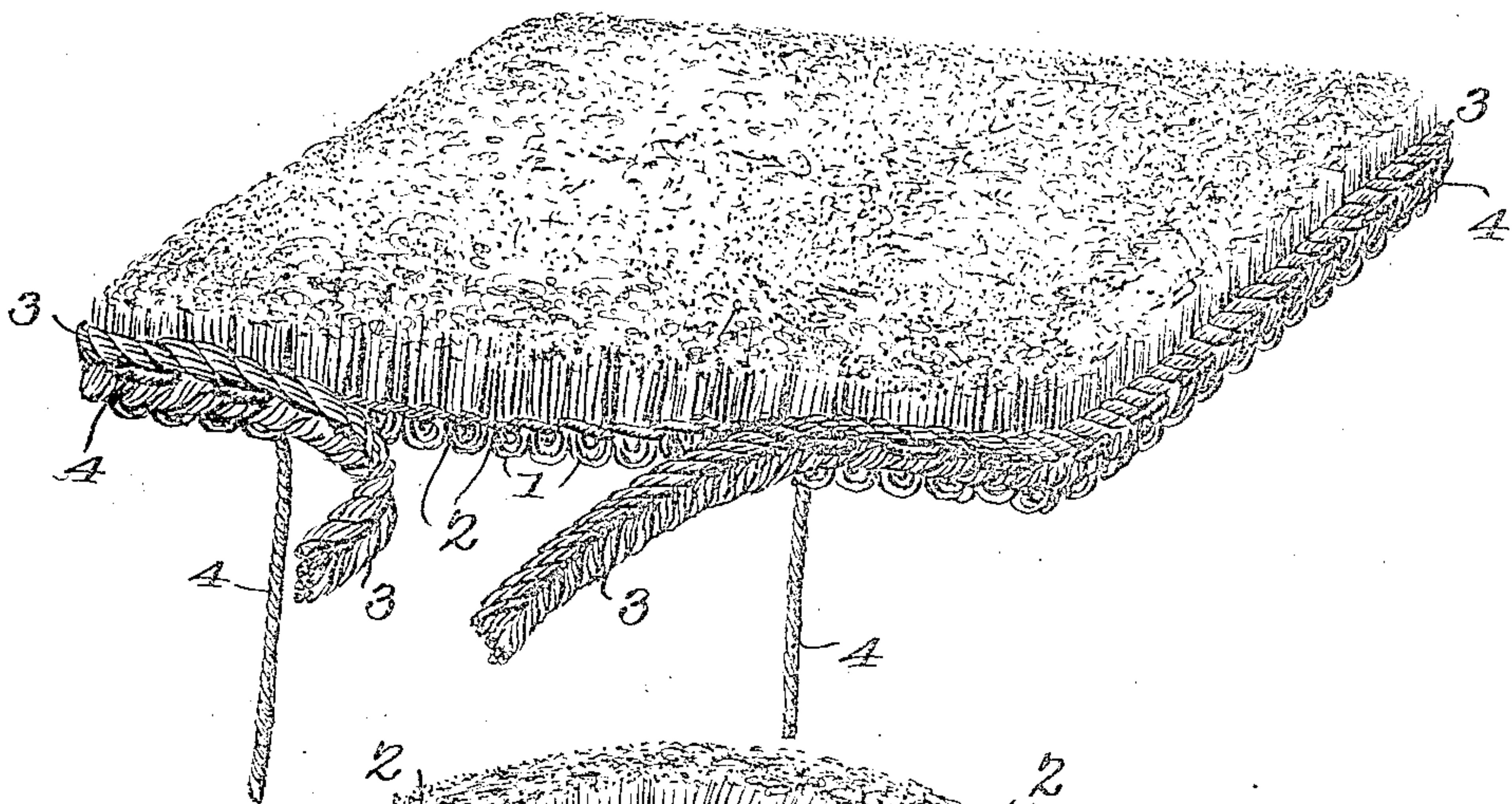


Fig. 2.

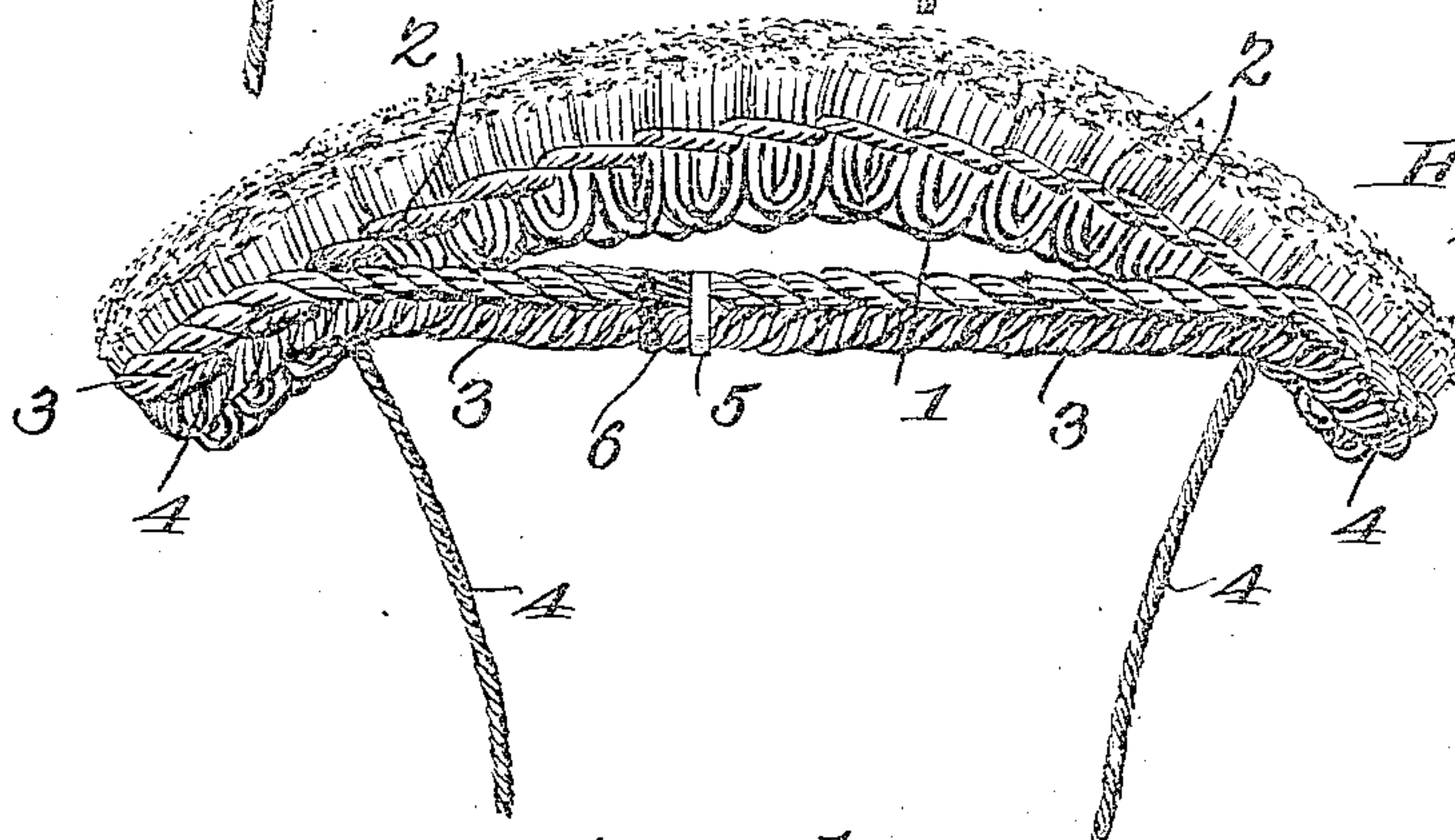
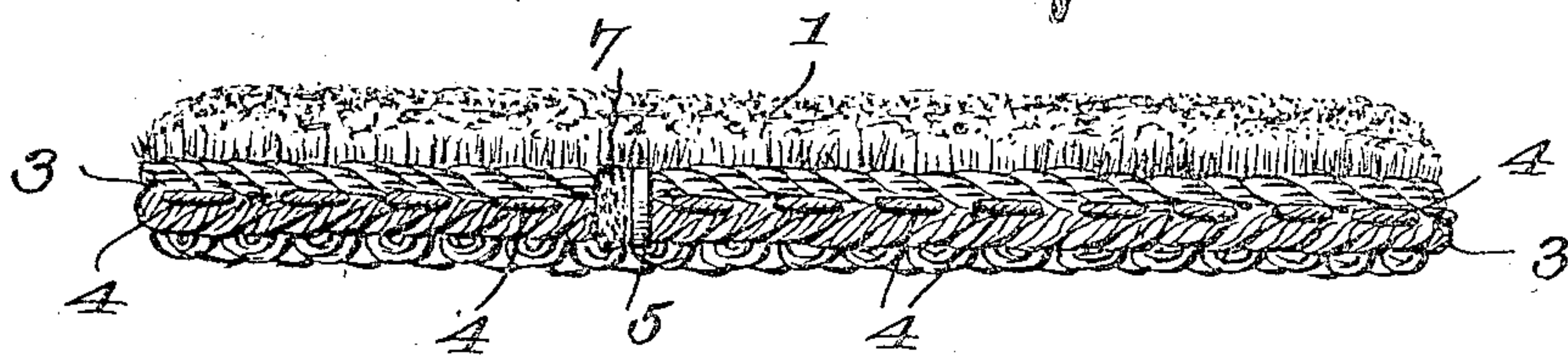


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

ERNEST W. CRUIKSHANK, OF BALTIMORE, MARYLAND.

DOOR-MAT.

No. 875,568

Specification of Letters Patent.

Patented Dec. 31, 1907.

Application filed November 15, 1905. Serial No. 287,473.

To all whom it may concern:

Be it known that I, ERNEST W. CRUIKSHANK, a citizen of the United States, residing at Baltimore, and State of Maryland, have invented a new and useful Door-Mat, of which the following is a specification.

This invention relates to door mats.

The object of the invention is to improve, simplify, and strengthen the manner of combining the binder or border with the mat, whereby any tendency to break or mash down at the edges is counteracted, resulting thereby in a measurable increase in the stability of the mat, and a pronounced enhancing of its appearance, wearing qualities and finish. Furthermore, to improve the manner of connecting the terminals of the binder or border used for holding the tufts or bristles of a cocoa door mat assembled, whereby the tendency of the said terminals to separate or unravel is prevented.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel improvements in the manufacture of cocoa door mats, as will be hereinafter fully described and claimed.

In the accompanying drawings forming a part of this specification, and in which like characters of reference indicate corresponding parts: Figure 1 is a view in perspective of a door mat, exhibiting the binder, partly combined therewith. Fig. 2 is a view in elevation exhibiting the manner of connecting the terminals of the binder. Fig. 3 is a view similar to Fig. 2 exhibiting the finished mat.

The mat herein shown, consists of tufts 1 which are held suitably combined by threads 2, and a binder or border 3, the latter being plaited or braided in the usual or any preferred manner; but as will hereinafter appear, the improvements are equally adapted for use in connection with cocoa mats of the chain pattern.

Heretofore in the manufacture of cocoa door mats, it has generally been customary to secure the binder around the edges of the mat by stitching with a cord 4, while this has been effective for the purposes designed, it is objectionable in that the terminals of the binder are not held against unraveling, so that after a short period of use, the mat at the point where the terminals of the binder are connected has an unsightly appearance. Furthermore, it frequently happens that the unraveling of the binder will cause it to be-

come disconnected from the cord or thread 4, thereby permitting the tufts at this point to mash or break down laterally.

It is the aim of the present invention in a simple, positive and inexpensive manner to obviate this objection. In the accomplishment of the object had in view, the binder is, in this instance shown as secured to one side and two ends of the mat, this arrangement bringing the terminals of the binder on one side of the mat; but it is to be understood that the binders may be so assembled as to bring the terminals at either end or at a corner if preferred, and as this will be readily understood, detailed illustration of such obvious modification is omitted.

After the binder has been secured as shown in Fig. 1, the mat is flexed, as shown in Fig. 2, and the ends of the binder are overlapped and secured by a clip 5 which may be either made of flattened metal as shown, or of wire, and by reason of the yielding character of the binder, when pressure is applied to the clip, it will sink down between the fibers thereof, and thus be practically hidden from view. In order to render it imperceptible to the eye, without close examination, the clip may be coated with a paint or enamel of a color the same as that of the cocoa, thereby still further to enhance the beauty of the connection. With an ordinary sized mat, it will only be necessary to employ one clip, but with extra large mats, two or more clips may be utilized.

After the clip has been secured in the manner described, the mat is again straightened or flattened out, and the remainder of the length of the binder is then secured in position by the cord or thread 4. When this procedure is completed, the protruding end 6 of the binder is cut or dressed away as shown at 7, thereby still further to obscure the point of connection or securement of the terminals of the binder. By the procedure herein defined the connecting or securing together of the ends of the binder is effected in a manner that will be at once positive, durable and ornamental, and further will be cheap, and may be carried into operation without the employment of machinery for the purpose.

The description thus far given refers to cocoa mats composed of tufts; but it is to be understood that the invention is equally adaptable for use in connection with cocoa mats or the chain pattern. When the binder or border is positioned upon mats of the latter description, not only are their terminals

secured together in the manner described but instead of stitching the border or binder to the marginal section of the mat, the metallic clips such as described may be substituted for the cord or thread and thus result in a much stronger and therefore more durable, and a higher finished mat. It is also to be understood, that the invention is not to be limited to the manner shown in Figs. 1—3, to secure the binder in position around the mat, as it will be understood that the terminals of the binder may be connected in the manner described, and the binder then be assembled with the mat. Under such conditions, it will be understood that the binder will be made smaller than the perimeter of the mat in order that when positioned thereon, it will exert a binding action upon the tufts. When this latter procedure is ob-

served, the binder will be stitched or otherwise secured to the mat.

I claim:—

The combination with a mat, of a binding braid having its ends overlapped, and a metal clip clenched transversely around the ends and sunk into the fibers thereof at points slightly removed from their extremities, the opposit edges of the clip constituting shoulders that are presented to the said ends and operate to prevent their longitudinal displacement in either direction.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ERNEST W. CRUIKSHANK.

Witnesses:

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