

No. 685,916.

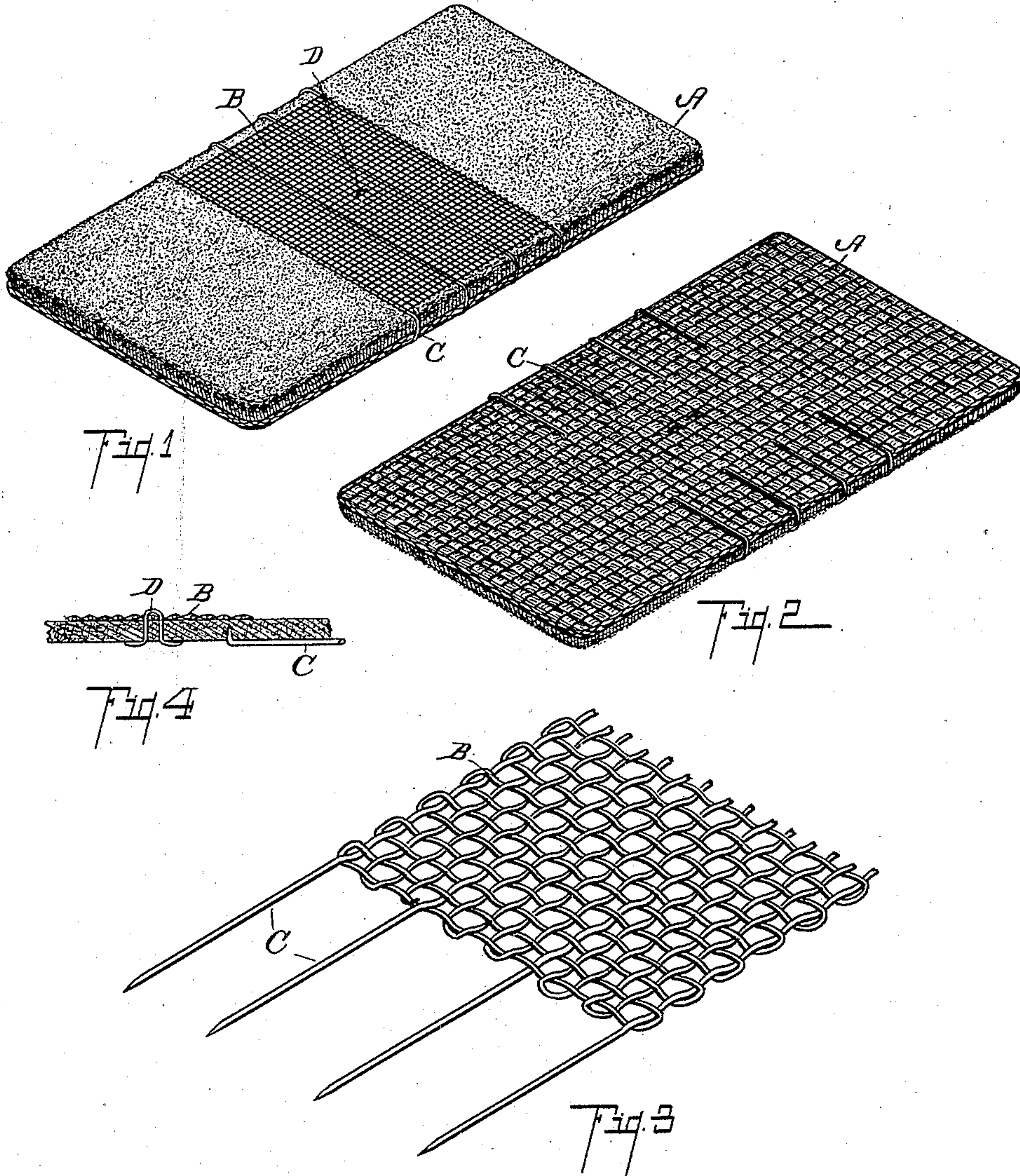
Patented Nov. 5, 1901.

O. M. GAWNE & C. H. WHITE.

DOOR MAT.

(Application filed July 3, 1900.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

ORVILLE M. GAWNE AND CASSIUS H. WHITE, OF ADRIAN, MICHIGAN.

DOOR-MAT.

SPECIFICATION forming part of Letters Patent No. 685,916, dated November 5, 1901.

Application filed July 3, 1900. Serial No. 22,416. (No model.)

To all whom it may concern:

Be it known that we, ORVILLE M. GAWNE and CASSIUS H. WHITE, citizens of the United States, residing at the city of Adrian, in the county of Lenawee and State of Michigan, have invented certain new and useful Improvements in Door-Mats, of which the following is a specification.

This invention relates to improvements in door-mats. It has been our observation that both woven and metallic mats and the usual fiber mats serve a very useful purpose and that the one does not perform entirely the function of the other, that the woven-wire mat is very effective for heavy work, and that the fiber is very good for the final wiping. There is, however, an objection to the woven-wire mat in that it is slippery and does not thoroughly clean the sole of the shoe or boot.

It is the object, therefore, of our invention to combine the utilities of both the fiber mat and the woven-wire mat and in so doing avoid the objectionable qualities of each, while we secure the full advantages of each.

A further object is providing a simple and effective means for combining together both the fiber mat and the woven-wire mat.

Further objects will appear in the detailed description to follow.

We accomplish the objects of our invention by the devices and means described in this specification.

The invention is clearly defined and pointed out in the claims.

A structure embodying the features of our invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of our improved mat, showing the metallic and fiber portions joined together. Fig. 2 is a similar perspective view of the under side of the mat. Fig. 3 is a detail perspective view of one end of the metallic portion, showing one form of mesh to be used. Fig. 4 is a detail view of the coupling devices for holding the metallic and fiber portions together.

In the drawings similar letters of reference refer to similar parts throughout the several views.

Referring to the lettered parts of the draw-

ings, A is a fiber mat of the usual or any desired construction.

B is a strip of metallic matting, woven in any desired or well-known way. This is preferably centrally arranged on the fiber mat A and is retained in position by extensions C C of the wire forming the mat, which are provided with sharp points and curved around under the edge of the fiber mat and clenched upwardly into the same. Suitable staples, as B, may be provided in addition where the mat is a large one. Where the matting is made of comparatively fine wire, the wire C may be of a larger size, woven through the same, as is indicated in Fig. 1.

We desire to remark that the metal and fiber portions of the mat can be secured together in a great variety of ways. The way we have shown we believe possesses merit over any other, and we desire to be understood as claiming the same specifically as well as the broad features of the combination of the fiber mat and the wire mat.

The fiber portion of the mat serves to form a cushion for holding the metallic portion securely in position and prevent its slipping under the feet. The wire portion is supported in position by resting on the softer fiber mat. The user has a firm safe footing on the fiber portion when using the metallic part and holds the same securely in position by merely standing on it.

By combining the wire and fiber mats the period of usefulness and effectiveness of the fiber mat is greatly prolonged, and when the fiber mat is worn out the wire portion can be removed and placed upon a new one, the wire fitting various sizes within reasonable limits, and no particular skill is required to make the change.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of a fiber mat; a strip of metallic matting arranged upon the same and retained in position by wire extension C wrapped around the edge of the mat and forced into its texture from the under side.

2. As an article of manufacture, a strip of metallic matting having wire extension C

adapted to engage a suitable fiber mat and secure said metallic matting in position thereon.

3. As an article of manufacture, a strip of metallic matting having a suitable means in
5 connection therewith for securing the same in position on a suitable fiber mat.

In witness whereof we have hereunto set our

hands and seals in the presence of two witnesses.

ORVILLE M. GAWNE. [L. S.]

CASSIUS H. WHITE. [L. S.]

Witnesses:

DORIS VAN DOREN,

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