

O. RICE.
Door-Mats.

No. 158,441.

Patented Jan. 5, 1875.

Fig. 1.

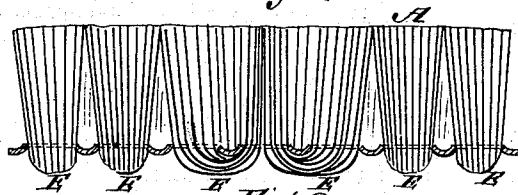
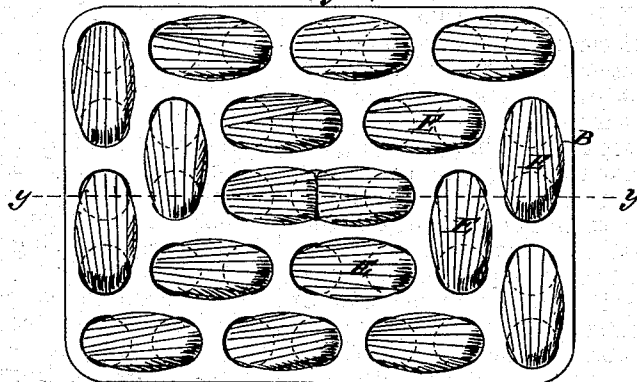


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ORRIN RICE, OF ADRIAN, ILLINOIS.

IMPROVEMENT IN DOOR-MATS.

Specification forming part of Letters Patent No. **158,441**, dated January 5, 1875; application filed March 21, 1874.

To all whom it may concern:

Be it known that I, ORRIN RICE, of Adrian, in the county of Hancock and State of Illinois, have invented a new and Improved Floor-Mat; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a section on line *y y* of Fig. 2, and Fig. 2 is a plan view of my improved mat.

The invention consists in the manner of connecting tufts of corn-husks or analogous material with a sheet-metal plate or back.

The sheet-metal plate B is punched or perforated with a suitable number of pairs of holes, and the tufts A of corn-husks are inserted through them, one end of each tuft being drawn through one of a pair of holes, and the other end through the contiguous hole, so that the free end portions of the tuft will project on the opposite or face side of the plate B, and the middle portion will project on the back of the plate, as shown at E. The ends of the several tufts are then cut to a uniform length, and the mat is complete. The punch-

ing of the plate B causes the metal to project in the form of a circular convergent flange around each hole therein. The edge of the flange takes into the side of the tuft, and thus, by expansion of the ends of the latter, it is prevented becoming loose or displaced by the pressure to which it is necessarily subjected in practical use. It is, of course, indispensable that the tufts be made of such size as to fit the holes tightly.

Thus constructed, the mat is flexible, light, durable, and very cheap, as well as easily made. The same construction is also adapted for forming scrubbing-brushes.

What I claim is—

The improved mat, formed of the corn-husk tufts A and the sheet-metal back-plate B, provided with pairs of holes, the ends of each tuft being drawn through the respective holes of a pair, and held therein in the manner described.

ORRIN RICE.

Witnesses:

DAVID H. FERGUSON,
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