

(No Model.)

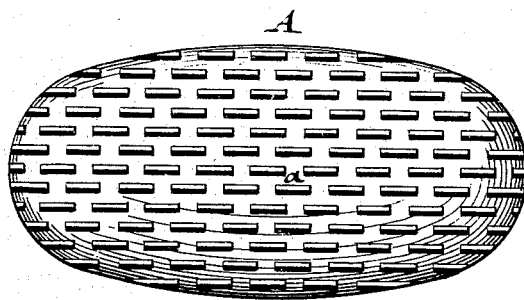
E. S. ELLIS.

FOOT MAT.

No. 263,774.

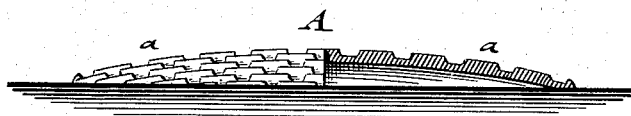
Patented Sept. 5, 1882.

*fig. 1.*



A

*fig. 2.*



*fig. 3.*



*fig. 4.*



WITNESSES:

*J. H. Rosenbaum.*  
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INVENTOR

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# UNITED STATES PATENT OFFICE.

EDWARD S. ELLIS, OF TRENTON, NEW JERSEY.

## FOOT-MAT.

SPECIFICATION forming part of Letters Patent No. 263,774, dated September 5, 1882.

Application filed June 22, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD S. ELLIS, of Trenton, in the county of Mercer and State of New Jersey, have invented certain new and useful Improvements in Foot-Mats, of which the following is a specification.

This invention relates to an improved foot-mat which can be readily cleaned of dirt by a broom, and which is so constructed that the water is shed by the same without collecting therein; and the invention consists of a convexo-concave mat the body of which is provided with projections arranged in longitudinal rows, the projections of one row alternating with those of the adjoining rows, as will more fully appear hereinafter.

In the accompanying drawings, Figure 1 represents a top view of my improved foot-mat. Figs. 2 and 3 are side and end views, partly in longitudinal and transverse section, of the same; and Fig. 4 is a detail perspective view of one of the projections.

Similar letters of reference indicate corresponding parts.

A represents a rubber foot-mat, of any suitable shape, the body of which is made of convexo-concave shape and provided with tapering projections *a a*, that are arranged in longitudinal rows in such a manner that the projections of one row alternate with those of the next adjoining rows. The parallel arrangement of the projections, in connection with the

absence of an exterior rim, causes the water to be shed by the convex surface of the mat, instead of being collected, as in the case of mats having spaces formed by the intersecting face-strips. The arrangement of the projections in longitudinal direction and parallel to each other also admits that the mat can be readily swept by the broom and cleaned of dirt without being taken up and reversed or beaten forcibly against some exterior object. In stepping on the mat for cleaning the shoes the middle portion "gives" sufficiently, so that the entire mat becomes entirely flat, which, however, regains its convex shape the moment when the pressure thereon is released.

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

1. A rubber foot-mat having a convexo-concave body with parallel projections, substantially as specified.

2. A rubber foot-mat composed of a convexo-concave body having parallel tapering projections that are arranged in longitudinal rows, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

EDWARD S. ELLIS.

Witnesses:

PAUL GOEPEL,  
CARL KARP.