

E. L. PERRY.
Rubber-Mat.

No. 212,497.

Patented Feb. 18, 1879.

Fig. 1

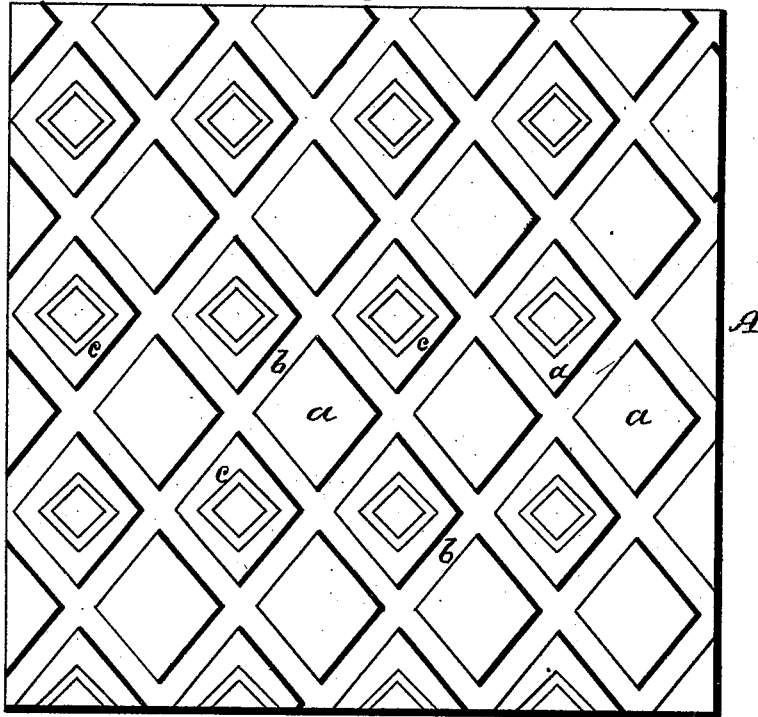


Fig. 2.



WITNESSES

Nat. E. Oliphant
Geo. B. Porter,

INVENTOR

Edward L. Perry.

per *Chas. H. Fowler,*
Attorney.

UNITED STATES PATENT OFFICE.

EDWARD L. PERRY, OF PATERSON, NEW JERSEY.

IMPROVEMENT IN RUBBER MATS.

Specification forming part of Letters Patent No. **212,497**, dated February 18, 1879; application filed December 5, 1878.

To all whom it may concern:

Be it known that I, EDWARD L. PERRY, of Paterson, in the county of Passaic and State of New Jersey, have invented a new and valuable Improvement in Rubber Mats; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top-plan view of my invention. Fig. 2 is a sectional view of the same.

This invention has relation to floor-mats, and more particularly refers to that class of mats which are formed of a flexible or elastic material, such as india-rubber or other like substance; and the object thereof is to prevent the too rapid wear of the soft material by the constant rubbing of the feet thereon, as will be hereinafter described.

In the accompanying drawings, A represents the body of the mat, preferably of india-rubber, and of any suitable design on its surface.

In the present instance, however, I have shown the mat with raised blocks *a*; or, in other words, the mat has grooves or channels *b* in its upper surface, as is common in rubber mats. The raised blocks *a*, at suitable distances apart, have strips or pieces *c* embedded in them, which I have shown as composed of metal, as being superior and more durable than other material, although I do not wish to confine myself to metal, as any other non-elastic material, such as wood, will answer.

The main object of the strips or pieces, which may be of any suitable design or pattern, as best suited to the peculiar design of the mat, is to prevent the rubber from wearing too rapidly away, and to increase the durability of the mat.

The metal strips or pieces *c*, as I have shown them, are combined with the rubber in the process of manufacture, and in use wear down together.

The strips or pieces *c* may be placed in a suitable mold, and the rubber forming the body of the mat be molded around it; or any other means may be employed in constructing the mat. The upper edges of the strips or pieces are flush, or nearly flush, with the upper surface of the body of the mat, as desired.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The mat herein described, consisting of a rubber or other elastic body, having rigid or non-elastic material embedded at different points in its upper surface, the elastic and non-elastic or rigid material being substantially flush on the upper surface of the mat, as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EDWARD L. PERRY.

Witnesses:

E. DUNN RUXTON,
J. E. BARBER.