G. HAYES.

Floor-Matting.

No. 217,213. Patented July 8, 1879.

Fig. 1.

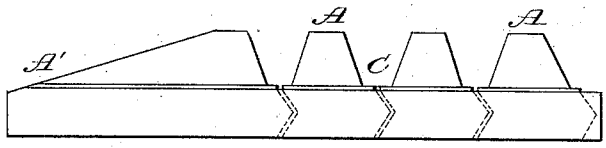


Fig. 2.

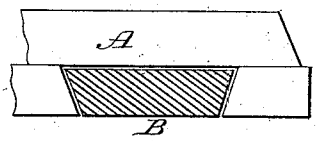


Fig. 3.

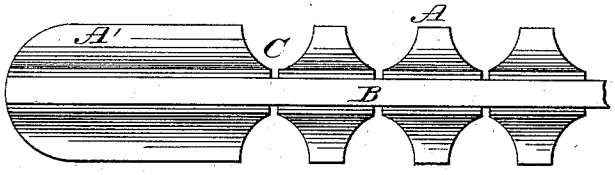


Fig. 4.

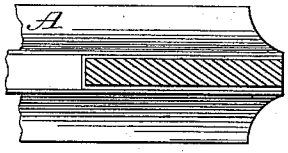


Fig. 5.

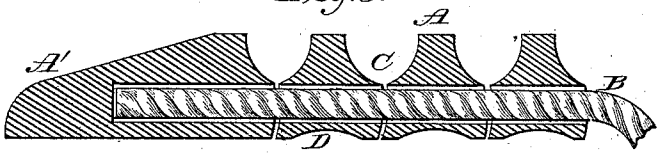


Fig. 6.

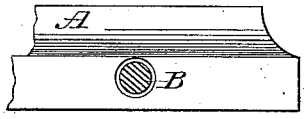


Fig. 7.

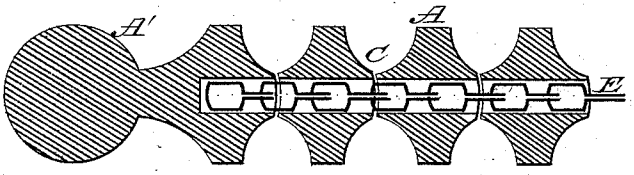


Fig. 8.

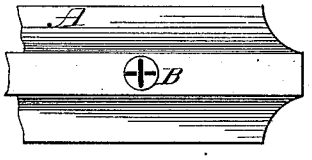
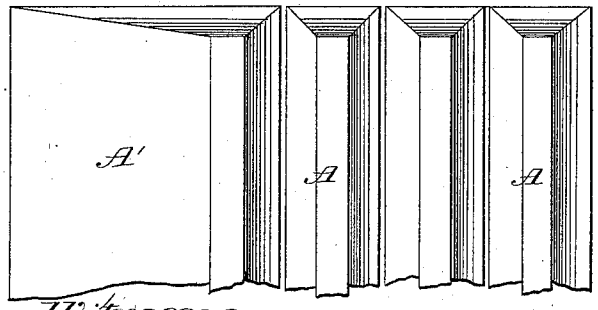


Fig. 9.



Witnesses:

Henry Strugnell

Samuel M. Hopkins.

Inventor:

George Hayes.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE HAYES, OF NEW YORK, N. Y.

IMPROVEMENT IN FLOOR-MATTINGS.

Specification forming part of Letters Patent No. **217,213**, dated July 8, 1879; application filed December 10, 1878.

To all whom it may concern:

Be it known that I, GEORGE HAYES, of the city, county, and State of New York, have invented a new and useful Improvement in Floor or Foot Mats or Matting, of which the following is a specification.

My invention consists of a floor or foot mat composed of wooden strips held closely together by binders, the said strips being so shaped that a mat formed thereof shall present grooves upon its surface or surfaces, and prevent the mud from falling through upon the floor.

The grooves may be made in the upper or in both surfaces, (in the latter case the mat would be reversible;) and they may be formed in the wooden strip, or half upon each, so that the entire groove would be formed by two strips.

The strips are joined or held together by rope, chain, or other pliable material passed or threaded through each strip, (holes being bored for that purpose,) or by means of a band of webbing or other pliable material passing through a saw-cut or groove wherever most convenient.

The outer strips I make wider and of any suitable shape to form a nosing or easement, to prevent their being stumbled over.

I do not bind myself to any particular shape of the grooves or channels.

In the single-faced mats I provide a groove or space, for the purpose of admitting a current of air beneath. The strips are brought closely together and the grooves receive the dirt.

Shoes, &c., may be scraped upon the strips, the dirt deposited in the grooves, and not allowed to pass through to the floor.

The mat may be readily removed by rolling or folding for cleaning, &c.

Where the strips join, the side of one strip is hollowed, and of the other rounded, so that they become socketed, forming a close movable joint, whenever desired, for folding or rolling.

Referring to the drawings, Figure 1 is a section, showing bars, grooves, and joining of a single-faced mat. Fig. 2 is a section of a double-faced mat. Fig. 3 is perspective view of the same. Figs. 4, 5, 6, 7, and 8 are modifications. Fig. 9 is a plan view.

A represents the strips of wood; A′, the outer strips, forming a nosing or easement. B represents the binders, and C the grooves or channels into which the scrapings are deposited. D represents the groove forming air-space beneath the bottom of a single-faced mat, admitting circulation of air. E marks the hollow and rounded sides of strips forming the movable joint.

What I claim as my invention, and desire to secure by Letters Patent, is—

A mat composed of wooden strips held closely together by binders, the said strips being so shaped that a mat formed thereof shall present grooves upon its surface or surfaces, and prevent the mud, &c., from falling through upon the floor, as set forth.

GEORGE HAYES.

Witnesses:
JAMES F. LE BARON,
JAMES BODEN.