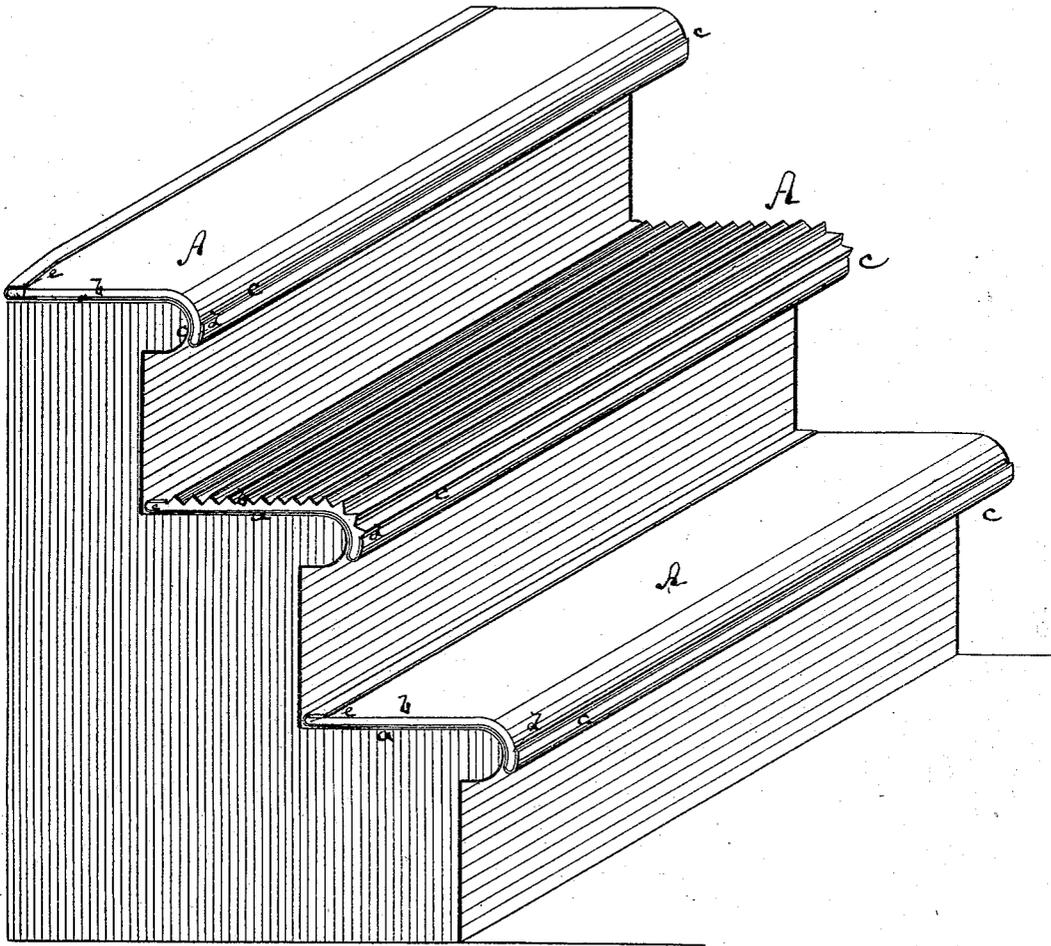


M. KRICKL.
STAIR-COVERING.

No. 184,013..

Patented Nov. 7, 1876.



Witnesses:

A. Moraga
Ernest J. Webb

Inventor:

Montz Krickl
by his attorney
Chas. Briesen

UNITED STATES PATENT OFFICE.

MORITZ KRICKL, OF NEW YORK, N. Y.

IMPROVEMENT IN STAIR-COVERINGS.

Specification forming part of Letters Patent No. **184,013**, dated November 7, 1876; application filed September 29, 1876.

To all whom it may concern:

Be it known that I, MORITZ KRICKL, of New York city, in the county and State of New York, have invented a new and Improved Stair-Plate, of which the following is a specification:

The drawing represents a perspective view of a staircase covered with my improved stair-plate.

By this invention I seek to improve the metal stair-plates now used for the protection of steps in steamboats, hotels, public halls, and other places. These metal steps, though corrugated or embossed, are apt to be worn smooth, and to become slippery and very dangerous.

My invention consists in combining with a metal step-cover, on which a proper nosing is formed, and whose edges are turned up in front and back to form receiving-grooves, a top piece or inlay of cloth, rubber, or other fabric, which can be replaced when worn.

By this construction I avoid the objections to the ordinary metal stair-plate, and yet retain the advantages of a metal lining to the fabric, and produce the lining in one continuous piece, causing it to clasp the fabric at the edges.

In the drawing, the letter A represents my improved stair-plate, the same being composed of a single lower plate, *a*, of sheet metal, and of an upper treading-plate or inlay, *b*, of oil-cloth, linoleum, rubber, or other suitable fabric. The front of the plate *a* is bent down to form the nosing *c*, which carries the stair-plate over the edge of the stair-step, and the like nosing is, in consequence, formed on the treading-plate *b*. In front, at the lower end of the nosing, the plate *a* is turned up to form a groove, *d*, and at the back the plate *a* is also turned up and forward to form a groove, *e*. In these grooves the front and back edges of the fabric *b* are confined.

The fabric may be removed from the plate *a* when worn and replaced by other fabric.

I claim as my invention—

The combination of the metal plate *a*, which is bent to form the nosing *c* and the front groove *d*, and also bent to form the back groove *e*, with the treading-plate *b*, of fabric, substantially as herein shown and described.

MORITZ KRICKL.

Witnesses:

ERNEST C. WEBB,
F. V. BRIESEN.