

No. 884,493.

PATENTED APR. 14, 1908.

J. KAHN.
STAIR TREAD.

APPLICATION FILED SEPT. 3, 1907.

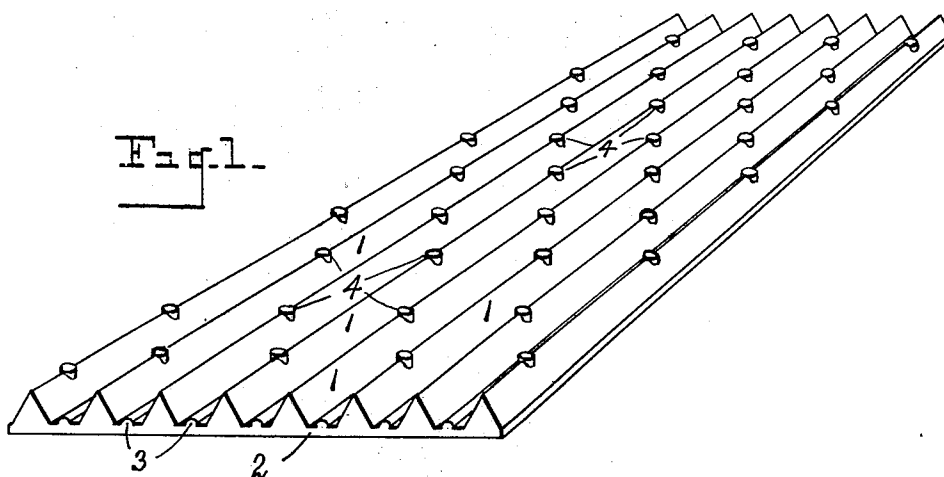


Fig. 4.

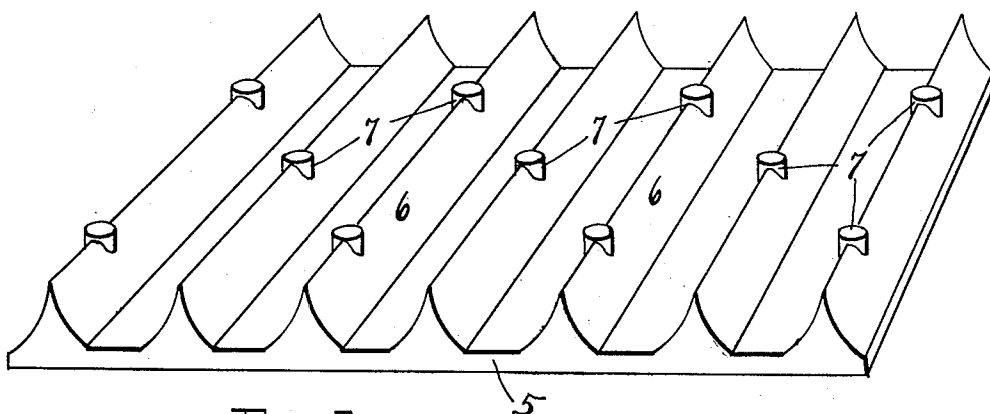
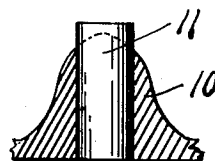
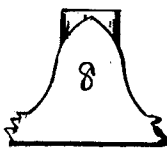


Fig. 2.

Fig. 3.



Witnesses

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STAIR-TREAD.

No. 884,493.

Specification of Letters Patent.

Patented April 14, 1908.

Application filed September 3, 1907. Serial No. 391,014.

To all whom it may concern:

Be it known that I, JULIUS KAHN, a citizen of the United States, and a resident of Detroit, in the county of Wayne and State of Michigan, have invented a new and Improved Stair-Tread, of which the following is a specification.

My invention consists in a ribbed metal plate, preferably of rolled steel, the ribs being sharp and provided with properly spaced buttons or knobs.

It further consists in forming these bosses of lead or other material upon which leather does not easily slip.

In the accompanying drawings, Figure 1 is a perspective view of a stair tread. Fig. 2 is a section of stair tread with a modified form of rib. Fig. 3 is a view of another form of rib. Fig. 4 is a cross section of rib showing the soft lead button or knob in position.

Similar reference characters refer to like parts throughout the several views.

The tread shown in Fig. 1 is formed with parallel ribs 1 connected by a web 2. The ribs 1 are triangular with straight sides and between these ribs are beads or ridges 3 which render the treads easier to clean. Buttons or knobs 4 properly spaced along the tops of the ribs 1 prevent the feet from slipping sideways along the ribs, while the ribs prevent transverse slipping. As the buttons are larger in area than the ribs next

to them, the buttons will wear more slowly, and until they are worn down to where they are no wider than the ribs, will always project.

In Fig. 2 I have shown a web 5, ribs 6 having concave sides, and buttons 7 on the ribs. The rib 8 in Fig. 3 has convex sides.

Instead of forming the buttons of the same metal as the remainder of the tread, I may form them of lead or other soft metal. In that case the ribs 10 are formed with properly spaced holes and the plugs 11 of soft metal are forced into them.

The form and size of the ribs and the spacing of the buttons can be varied as desired.

Having now explained my improvements, what I claim as my invention and desire to secure by Letters Patent is;—

1. A rolled steel stair tread comprising a web and parallel ribs on the web, and buttons or knobs on the ribs.

2. A metal stair tread comprising a web and ribs of steel, the ribs having properly spaced holes, and soft metal plugs seated in said holes.

In testimony whereof I have signed this application in the presence of two subscribing witnesses.

JULIUS KAHN.

Witnesses:

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