

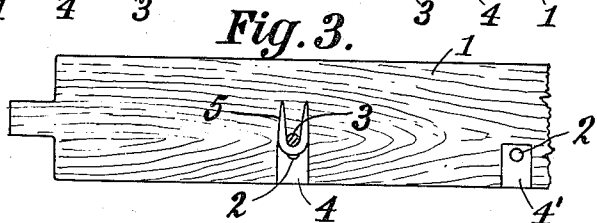
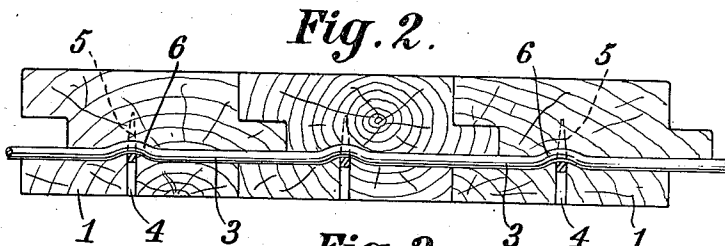
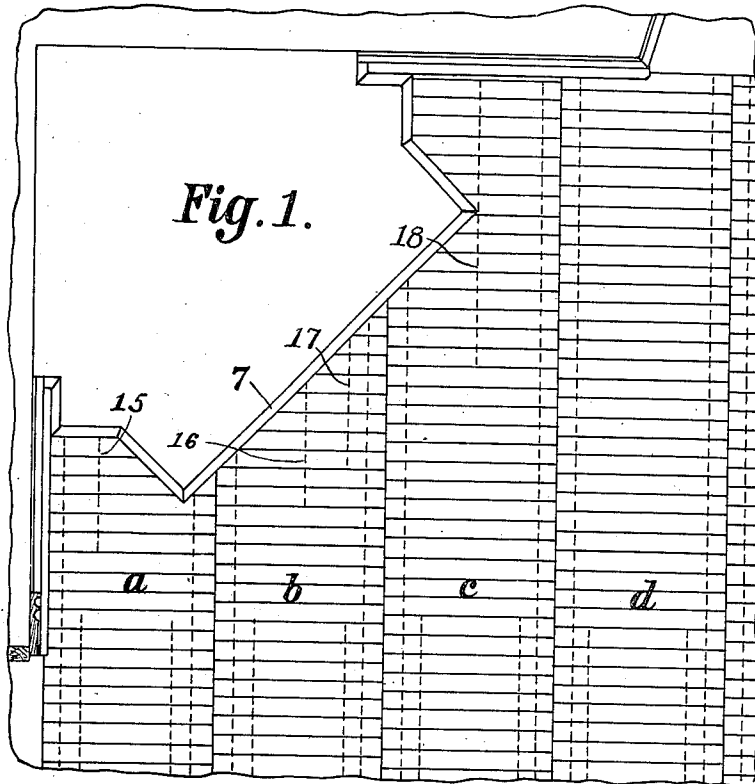
S. MROKOWSKI.

FLOORING.

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966,347.

Patented Aug. 2, 1910.



Witnesses:
John Murtagh
L. J. Murphy

Inventor:
S. Mrokowski
by Joseph Joseph
his Attorneys.

UNITED STATES PATENT OFFICE.

STEFAN MROKOWSKI, OF SOSNOWICE, RUSSIA.

FLOORING.

966,347.

Specification of Letters Patent.

Patented Aug. 2, 1910.

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To all whom it may concern:

Be it known that I, STEFAN MROKOWSKI, a subject of the Czar of Russia, and residing at Sosnowice, Russian Poland, have invented certain new and useful Improvements in Floorings, of which the following is a specification.

My invention relates to floorings which comprise a plurality of strips or bars united by wires.

This invention relates to floorings composed of transverse strips or narrow boards disposed side by side and longitudinal wires passed through and connecting said strips.

The objects of the invention are to secure in a composite flooring of this character more or less flexibility, facility of assembling its parts and a close union of the strips.

A further object of the invention is to provide a flooring of this character in which the strips may be readily reunited after a cutting through the ordinary connecting wires of parts to conform to the shape of the room.

Figure 1 of the accompanying drawings represents a plan view of a series of floorings embodying this invention laid to form a floor. Fig. 2 represents on an enlarged scale a longitudinal section on a line of one of the connecting wires of this flooring. Fig. 3 represents also on an enlarged scale a transverse section partially through one layer or width of this composite flooring, said section being lengthwise of one of the flooring strips and showing one of the regular transverse holes and the auxiliary transverse holes therein.

The same reference numbers indicate corresponding parts in the different figures.

This flooring comprises a series of strips or narrow boards 1 disposed side by side transversely of the web or flooring to be formed at right angles thereto or otherwise, wires 3 threaded transversely through said strips near opposite ends thereof and extending longitudinally of said web, and individual hooked nails or staples 5 connecting said strips and wires. Each strip or board 1 is provided preferably near its opposite ends with two transverse holes or grooves 2 through which the wires 3 are threaded. Each strip is also provided with two or more recesses, cavities or slots 4 which are cut into the strip from the bottom face thereof and form intersections with the holes 2 and extend beyond said holes.

Some of the strips 1 are provided immediately between the regular wire holes 2 with intermediate holes 2' through which intermediate connecting wires as 15, 16, 17 or 18 may be inserted. In such case each strip is provided with a supplemental cavity 4' opposite and intersecting with said auxiliary holes 2'.

The strips are preferably tongued and grooved along their meeting edges to permit them to interlock and seal the joints between them and they are also preferably tongued and grooved at their opposite ends to permit webs of the flooring to interlock along the meeting edges of said webs when laid to form a floor.

In assembling the boards constituting this floor, the strips 1 prepared as aforesaid are laid side by side with their bottom faces upward and the wires, metal ribbons or wire ropes 3 are threaded through the holes 2 near opposite ends thereof. Then the hooked nails in the form of staples or otherwise are passed through the cavities or slots 4 and driven into the strips at the bottom of said slots beyond said holes and their hooked ends engage the wires 3 and cause bends or crimps 6 therein. These bends shorten the wires to a certain extent and tighten the joints between the adjacent strips. The flexible flooring so formed is then reversed so that the bottom side is toward the foundation and a number of such floorings as *a*, *b*, *c* and *d* are laid side by side to cover the floor of a room as illustrated in Fig. 1.

When the flooring is to be cut at different angles to conform to the shape of floor desired, as shown in Fig. 1 and when one or more of the regular connecting wires 3 becomes severed, supplemental wires as 15, 16, 17 or 18 are inserted in the auxiliary holes 2' and individual fasteners 5 are inserted through the supplemental slots 4' and driven into the strips at the bottom of said slots and made to engage and crimp said supplemental wires inserted at the points of intersection of said slots with the auxiliary holes 2'.

I claim as my invention:

1. A flooring comprising strips disposed side by side and provided with holes extending therethrough from edge to edge thereof, the holes of one strip registering with those of the adjacent strip or strips, slots forming intersections with said holes, wires threaded through said holes, and in-

dividual fasteners at said intersections separately connecting said strips with said wires.

2. A flooring comprising strips disposed side by side and provided with holes extending therethrough from edge to edge thereof, the holes of one strip registering with those of the adjacent strip or strips, slots forming intersections with said holes, wires threaded through said holes, and individual fasteners at said intersections separately connecting said strips with said wires and crimping the latter at such intersections.

3. A flooring comprising strips disposed side by side and provided with holes extending therethrough from edge to edge thereof, the holes of one strip registering with those of the adjacent strip or strips, slots deeper than said holes and forming intersections therewith, wires threaded through said holes, and hook-shaped nails piercing the strips through and beyond said slots and crimping said wires thereinto.

4. A flooring comprising strips disposed side by side and provided with two sets of registering holes extending transversely therethrough from edge to edge near opposite ends and with slots intersecting with said holes, wires threaded through said strips through and beyond said slots and crimping said wires thereinto; said strips being provided with an intermediate set of registering holes and intersecting slots adapted to receive similar connecting wires and fasteners when parts of strips are severed to shape the flooring to fit the floor being laid.

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

STEFAN MROKOWSKI.

Witnesses:

FRANCIS FREMBICKY,
AUDREJ KUCUOJ.