Aug. 19, 1958 L. HYMAN 2,847,732

STAIRWAY COVERING

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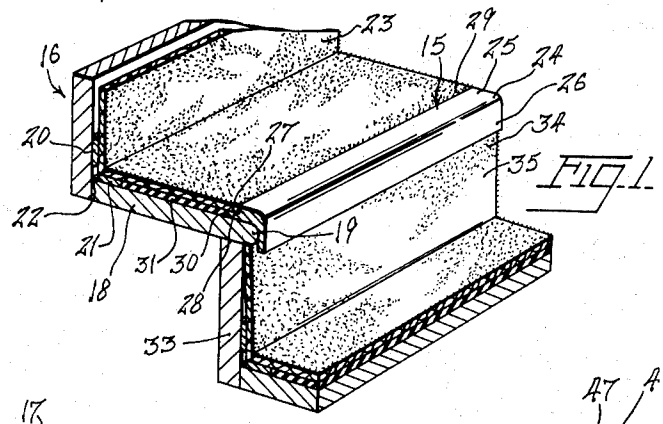


FIG. 1

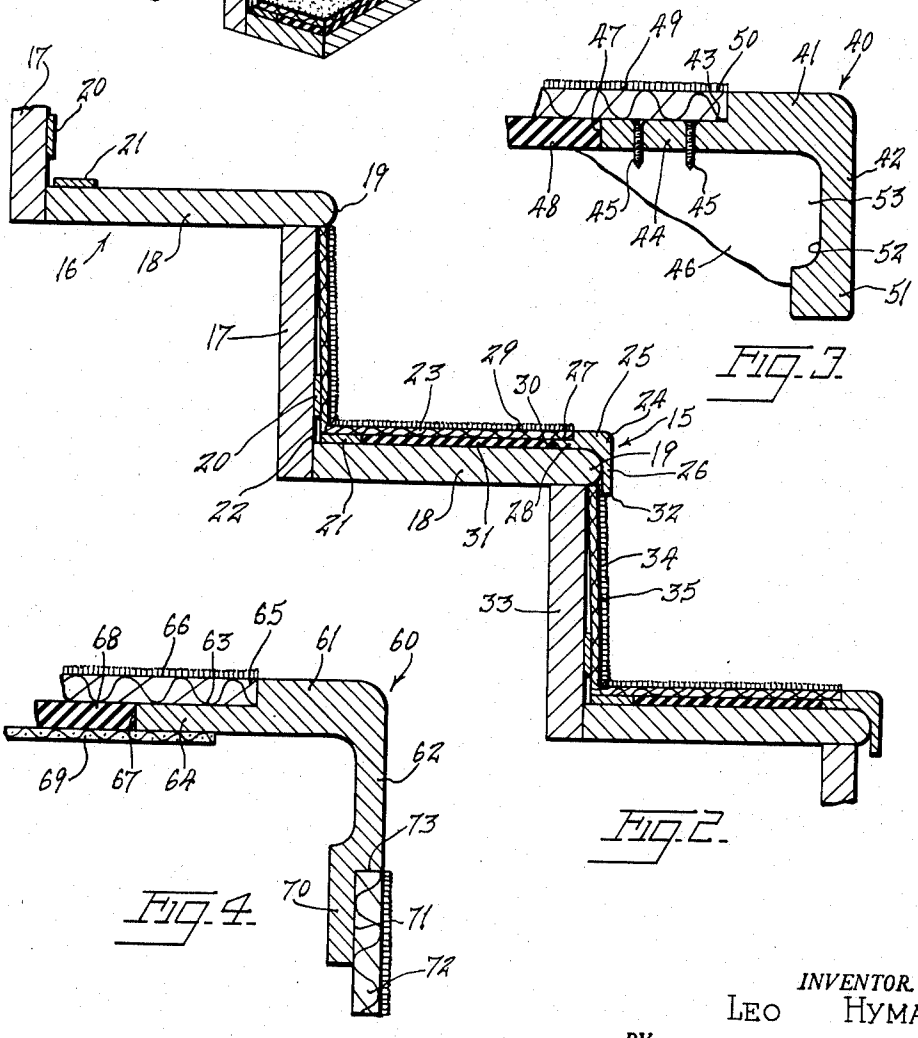


FIG. 2

FIG. 3

FIG. 4

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STAIRWAY COVERING

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2 Claims. (Cl. 20—79)

This invention relates to new and useful improvements in carpet and stairway coverings.

More particularly, the present invention proposes the construction of an improved stairway covering including a novel carpet nosing construction which will help prevent falls by holding a carpet perfectly level at the end edges and which will increase the useful life of stairway carpeting.

As a further object, the present invention proposes forming the nosing construction with an angle plate having a tread leg and a riser leg to fit over the nose of a stair and provide a satisfactory installation of any carpet on a stairway regardless of the type or direction of weave.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a perspective sectional view of a part of a stairway with a carpet nosing construction which is constructed and arranged in accordance with the present invention,

Fig. 2 is a side view of a stair showing one tread and riser carpeted using the structure shown in Fig. 1.

Fig. 3 is a fragmentary sectional view similar to Fig. 1 but illustrating a modification of the present invention.

Fig. 4 is a view similar to Fig. 3 but illustrating another modification of the present invention.

Referring more particularly to the drawings, the stairway carpet nosing construction, in accordance with the first form of the invention illustrated in Figs. 1 and 2 is designated generally by the reference numeral **15** and is shown on a stairway **16**.

Stairway **16** has risers **17** and treads **18** with curved nose or edge portions **19**. Spacer members **20** and **21** are provided adjacent the inside corners **22** of the risers and treads on the risers and treads respectively to space carpet **23** from the risers as shown.

An angle plate **24** having a tread leg **25** and a riser leg **26** has its apical portion fitting flush over the nose **19** of each stair. Tread leg **25** has a carpet recess **27** in its rear portion **28** to receive and hold the marginal edge portion **29** of carpet **23**. The rear portion **28** of tread leg **25** also has a carpet pad abutting edge **30** and a resilient carpet pad **31** fits on the stair tread between the spacer member **21** and the rear portion **28** of tread leg **25** of the angle plate **24**.

Riser leg **26** of the angle plate **24** has a lower end portion **32** adapted to fit adjacent the next riser **33** of the next lower stair or step and securely hold the upper end **34** of the next carpet piece **35**.

The modification of the invention illustrated in Fig. 3 is characterized by the provision of an angle plate **40**

having a tread leg **41** and a riser leg **42**. The tread leg **41** has a carpet holding recess **43** in its rear portion **44** and spaced screws **45** extend through the rear portion **44** to hold the plate **40** to the tread **46** of a stairway. Rear portion **44** of the tread leg also has a carpet abutting edge **47** to abut a resilient carpet pad **48** over which lies a carpet **49** with its marginal edge portion **50** seated in the carpet holding recess **43** of the tread leg rear portion **44**.

Riser leg **42** has a lower end portion **51** with a rearwardly directed inner surface **52** to fit against and conform to the curvature of a curved nose **53** on the stair.

The modification of the invention illustrated in Fig. 4 is characterized by the provision of an angle plate **60** having a tread leg or portion **61** and a riser leg or portion **62**. The riser leg **62** has a lower end portion **70** with a carpet holding recess **71** adapted to receive the vertical carpet portion **72**. The carpet portion **72** abuts the bottom edge **73** of the riser leg **62**. This arrangement will place the vertical carpet portion **72** in alignment with the vertical front portion of the riser leg **62**. The tread portion **61** has a carpet holding recess **63** in its rear portion **64** to hold the marginal edge portion **65** of a carpet **66**. The rear portion **64** of the tread leg **61** has a carpet pad abutting edge **67** which abuts a resilient carpet pad **68** underlying the carpet **66**.

A flexible fabric strip **69** is secured to and extends from beneath the rear portion **64** of the tread leg **61** of angle plate **60** to underlie the carpet pad **68**.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

1. A stairway covering comprising, in combination, with the tread and riser portions of the stairway, a resilient pad on the top surface of the tread portion of the stairway, a rigid spacer member interposed between the edge of the pad and the juncture between the tread and riser portions, a rigid spacer member on the outer surface of the riser portion adjacent its juncture with the tread portion, a strip of carpet overlying the pad, spacer members and outer surface of the riser portion, and a nosing construction on the outer end of the tread portion of the stairway, said construction including an angle plate having a horizontally disposed leg overlying the outer end of the tread portion of the stairway and a vertically disposed leg overlying the top end of the riser portion of the adjacent step, the rear end of the horizontally disposed leg being cutaway to provide a recess for receiving the front end of the strip of carpet, the free edge of the cutaway portion engaging the outer edge of the pad.

2. A stairway covering comprising in combination with a stairway including successively higher steps each having joined tread and riser portions, with the tread and riser portions of each step being joined to the riser and tread portions of the next higher and lower steps respectively, a resilient pad having inner and outer edges disposed on the top surface of the tread portion of one step of the stairway, a rigid spacer member interposed between the inner edge of the pad and the juncture between the tread portion of said one step and the riser portion of the adjacent higher step, a strip of carpet overlying the pad, spacer member and outer surface of said riser portion of said adjacent higher step, a nosing structure on the outer end of the tread portion, said structure including an angle plate having an apical

portion lying flush with said outer end of the tread portion, said plate further having a horizontally disposed leg overlying and abutting the outer end of said tread portion, said horizontally disposed leg having an end with a cut-away portion providing a recess, said strip of carpet having a front end disposed in said recess and lying flush with the top of said end of the horizontally disposed leg, the cut-away portion having a free edge engaging the outer edge of said pad, said plate further having a vertically disposed leg extending below said tread portion and overlying the top end of the riser portion of said one step, and another piece of carpet overlying the riser portion of said one step and having an upper end engaged with said vertically disposed leg.

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