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O. ENGLUND

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SPUR CAP FOR SCREED SUPPORTS

Filed April 22, 1929

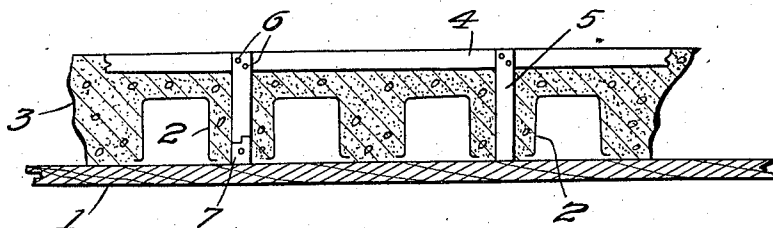


FIG. 1

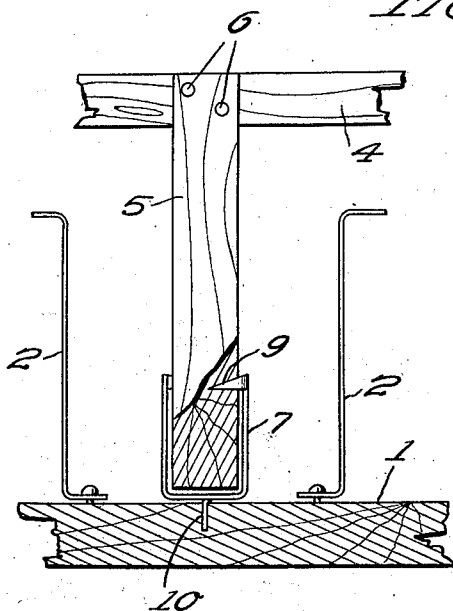


FIG. 2

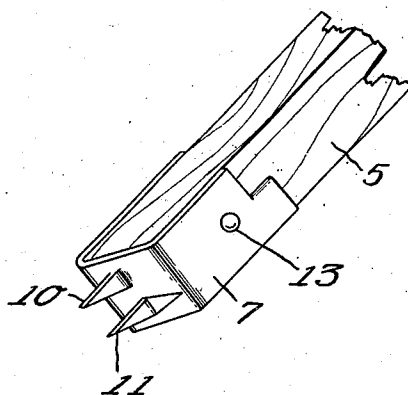


FIG. 3

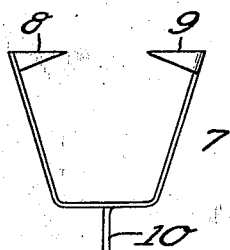


FIG. 4

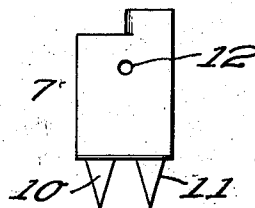


FIG. 5  
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## UNITED STATES PATENT OFFICE

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## SPUR CAP FOR SCREED SUPPORTS

Application filed April 22, 1929. Serial No. 357,225.

This invention relates to spur caps for screed supports. In laying or pouring concrete for flooring considerable difficulty is encountered in applying the screed supports for the plastic material due to the fact that the supports must be secured to the temporary support timbers by nailing and the nails must be driven in such close quarters that it hampers the work and makes it difficult of performance. It is the purpose of the present invention to overcome this difficulty.

With the foregoing and other objects in view the invention consists in the combination and arrangement of parts to be hereinafter fully described, pointed out in the claim and illustrated in the accompanying drawing which forms a part of this application for patent and in which—

Fig. 1 is a view in elevation of concrete flooring in course of construction showing the application of the spur caps.

Fig. 2 is an enlarged view, partly in section, showing a spur cap secured to a screed support and to a temporary timber, a portion of the cement pans, between which the support and cap are disposed, being also shown.

Fig. 3 is a fragmentary perspective view of a screed support provided with the cap.

Figs. 4 and 5 are side and end views of the spur cap.

Like reference characters denote corresponding parts throughout the several views.

In laying concrete flooring the workmen usually cut out a number of wooden support pegs for the screeds. The length of these pegs or supports will depend upon the depth of the concrete or the thickness of the floor to be laid. The present invention provides a spur cap that will be made which is to be fitted to each peg support used. The pegs could be supplied also but this is not necessary since they are cut to slightly different lengths for different jobs. In manufacturing the cap it may be supplied with or without the peg.

The reference numeral 1 denotes a temporary support timber upon which the pans 2 are arranged to receive the plastic concrete 3, the usual screed 4 being used to level off the material. The screed is supported by the pegs 5 secured thereto by fastening means 6.

To the lower end of each peg 5 before it is secured to the screed I secure a spur cap 7. Each cap 7 as originally made is formed of a single piece of material, preferably metal, somewhat U-shaped in general outline with the sides of the U diverging from the base. Spurs 8, 9 are struck inwardly from the sides of the cap, said spurs being struck from the top edge of each side and the free or pointed ends of the spurs being bent inwardly from relatively opposite corners of the U sides. Spurs 10, 11 are struck downwardly or outwardly from the base of the U and a perforation 12 is formed in each U side.

The cap is now ready for use. When it is applied to a peg 5 the base of the cap is applied to the end of the peg and the sides to the sides of the peg. The spurs 8, 9 are then driven into the peg and a nail or fastener 13 through each perforation 12 into the peg. The cap will now appear as shown in Fig. 3. The peg and cap are now inserted between two pans 2 and the spurs 10, 11 driven into the timber 1 by striking the upper end of the peg with a hammer. The peg is now secured to the screed to support the same.

What is claimed is:—

As an article of manufacture, a substantially U-shaped cap having its sides diverging outwardly from its base to receive a peg, spurs struck inwardly from opposite sides thereof for engagement with the peg as the sides of the cap are moved toward each other into snug engagement with the peg, and spurs struck outwardly from the base of said cap.

In testimony that I claim the foregoing as my own I have hereto affixed my signature.

OLAF ENGLUND.