March 23, 1937. R. E. CAMP ET AL 2,074,774

LEAD HEADED NAIL

Filed June 17, 1935

Fig. 1.

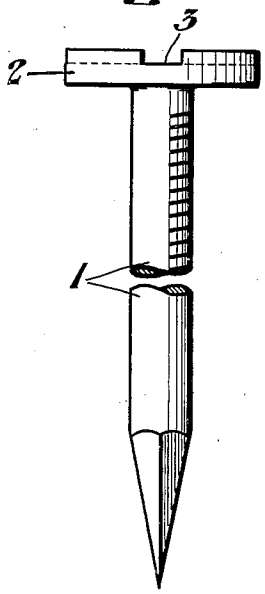


Fig. 2.

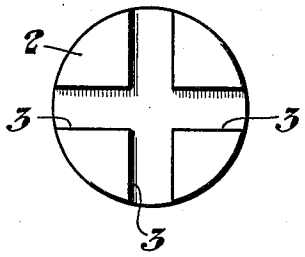


Fig. 3.

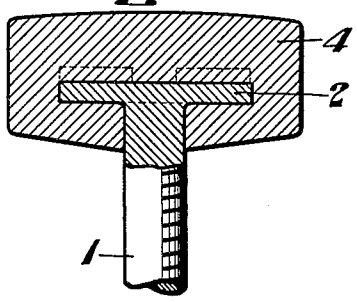


Fig. 4.

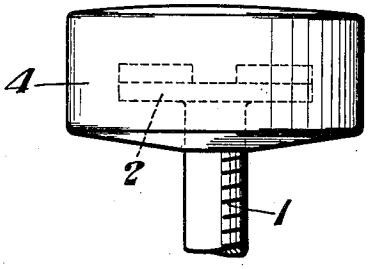


Fig. 5.

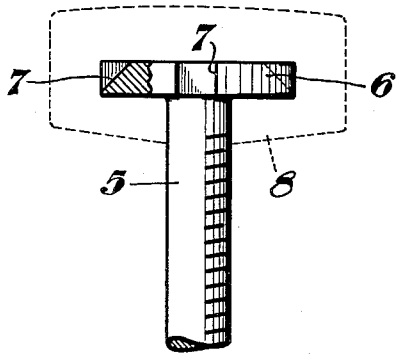
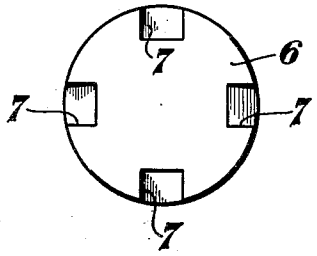


Fig. 6.



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LEAD-HEADED NAIL

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Application June 17, 1935, Serial No. 27,072

3 Claims. (Cl. 85—28)

This invention relates to lead-headed nails which broadly consist of steel wire nails providing integral heads to which lead is applied so as to enclose the same.

One of the objects is to improve such nails so as to eliminate slipping or loosening of the lead respecting the steel heads. Other objects may be inferred.

Referring to the accompanying drawing:

Figure 1 shows the side of a nail which illustrates the present invention, as it appears before its head is enclosed with lead.

Figure 2 shows the top of this nail.

Figure 3 shows the nail after its head is enclosed with lead, the head and lead parts being sectioned.

Figure 4 shows the same as Figure 3, excepting that it is not sectioned.

Figure 5 shows the side of another nail which also illustrates the invention.

Figure 6 shows the top of the last mentioned nail.

Figures 1 through 4 show a nail including a shank 1 having a head 2 providing recesses 3, the head being enclosed by a relatively plastic substance 4 such as lead, and the latter extending into the recesses 3.

It is to be particularly noted that the recesses 3 extend diametrically across the top surface of the head 2 and mutually intersect in right angular relationship. These recesses function to prevent slipping or loosening of the lead respecting the steel head.

The nail illustrated by Figures 5 and 6 includes a shank 5 having a head 6 providing recesses 7 that are spaced equally around its periphery, this head also being enclosed by a relatively plastic substance 8, such as lead, and the latter extending into the recesses. A view of this second nail as it appears with the lead applied to its head is not included by the drawing because such would obviously be a mere duplication of Figure 4 so far as appearances are concerned. The recesses 7 likewise function to prevent slipping or loosening of the lead respecting the steel head of this nail.

We claim:

1. A nail including a shank having a substantially continuous and smooth-bottomed head providing recesses opening from its edge, said head being enclosed by a relatively plastic substance and the latter extending into said recesses.

2. A nail including a shank having a head providing recesses that extend diametrically across its top surface and which mutually intersect in right angular relationship, said head being enclosed by a relatively plastic substance and the latter extending into said recesses.

3. A nail including a shank having a substantially continuous and smooth-bottomed head providing recesses that are spaced equally around its periphery and open from its edge, said head being enclosed by a relatively plastic substance and the latter extending into said recesses.

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