

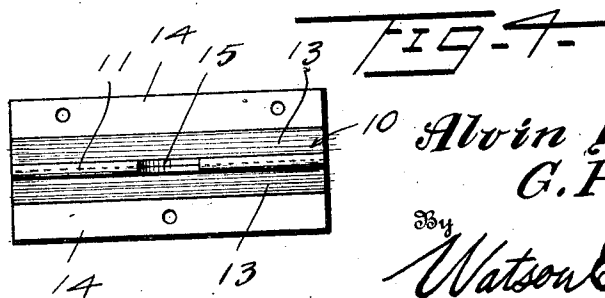
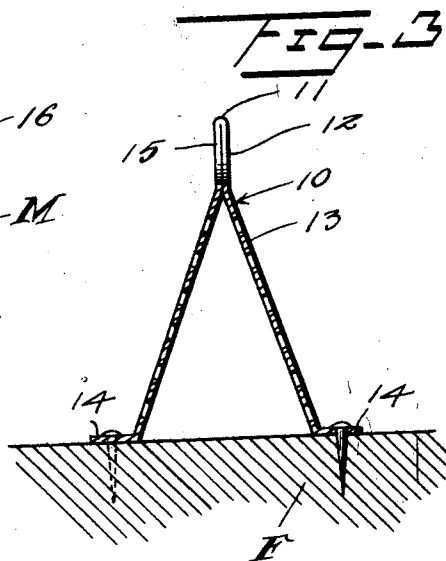
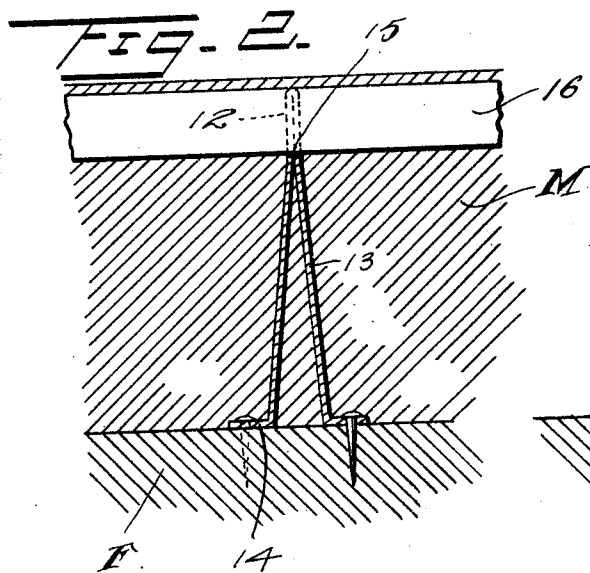
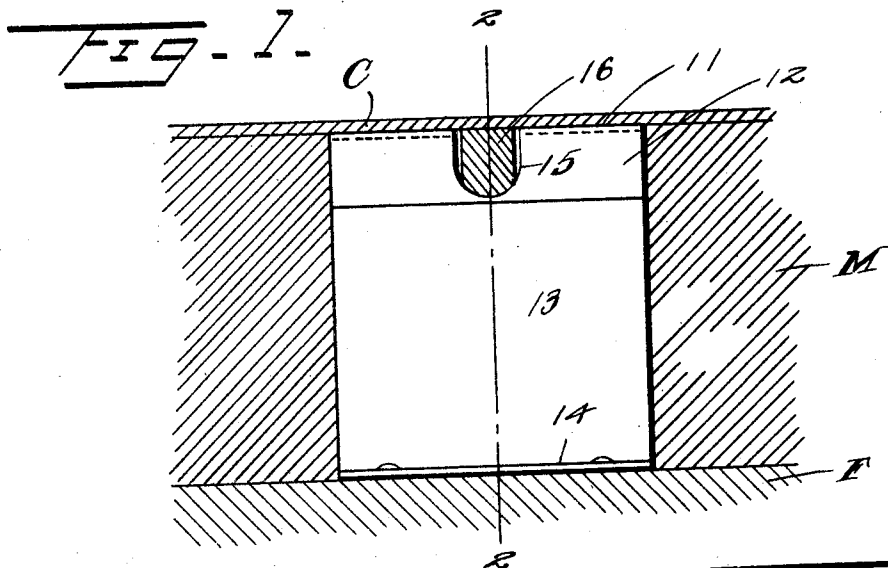
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A. DUDFIELD ET AL

CONCRETE FLOOR SCREED LEVELER

Filed Feb. 26, 1927



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CONCRETE-FLOOR SCREED LEVELER.

Application filed February 26, 1927. Serial No. 171,258.

This invention relates to concrete floor screed levelers and more particularly to a device for leveling the upper surface of concrete floors, the forms of which are not properly leveled.

An important object of the invention is to provide a device of this character which may be very readily and cheaply constructed and which may be left in the floor.

These and other objects we attain by the construction shown in the accompanying drawing, wherein for the purpose of illustration is shown a preferred embodiment of our invention and wherein:—

Figure 1 is a sectional view through a flooring embodying a screed holder constructed in accordance with our invention;

Figure 2 is a section on the line 2—2 of Figure 1;

Figure 3 is a section similar to that of Figure 2 illustrating a modified form of sheet;

Figure 4 is a plan view of the holder.

Referring now more particularly to the drawings, the screed holder comprises a conduplicate sheet 10, the portions of which adjacent the fold 11 lie flatly against one another, as indicated at 12. At a point spaced slightly from the fold, portions of the sheet diverge, as at 13, and the edges of these divergent portions are provided with flanges 14. The fold 11 and flatly abutting portions 12 are notched, as indicated at 15, for the reception of a bar 16 which is employed as a straight edge.

In use, the V-shaped supports are secured to the form F by driving nails through the flanges 14 thereof. The effective height of the holders may be adjusted by spreading the divergent portions 13 until the upper surfaces of the holders are arranged in a common plane. The holders are arranged in lines, so

that the holders of each line may receive in the notches thereof the straight edge bar 16. The upper surface of the bar 16 is employed as a gauge for determining the upper surface of the main floor M in pouring the concrete. When the main floor is completed, the bars 16 may either be removed or left in the floor, as a reinforcing element. These bars, together with the upper faces or folded edges 11 of the sheet 10, will be covered by the finishing coat C of the floor. The sheet employed in the construction of the holder may be either solid, as illustrated in Figures 1, 2 and 4, or foraminous, as indicated in Figure 3.

It will be obvious that a device of this character may be very readily and cheaply produced and is readily applied and adjusted as to effective height. It will furthermore be obvious that the construction employed is capable of a certain range of change and modification without materially departing from the spirit of the invention and we accordingly do not limit ourselves to such specific structure except as hereinafter claimed.

We claim:—

A screed holder comprising a conduplicate sheet, the fold of which is notched for the reception of a straight edge bar, the ends of the sheet being provided with means whereby they may be attached to a form, portions of the sheet abutting from the fold to a point spaced therefrom a distance greater than the depth of the notch, the remaining portions of the sheet diverging from one another and adapted to be bent at varying angles thereby providing an adjustable holder.

In testimony whereof we hereunto affix our signatures.

ALVIN DUDFIELD.
GRANVILL P. MORRIS.