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R. M. BARRETT

3,360,291

REGISTER REGULATOR AID

Filed Sept. 29, 1965

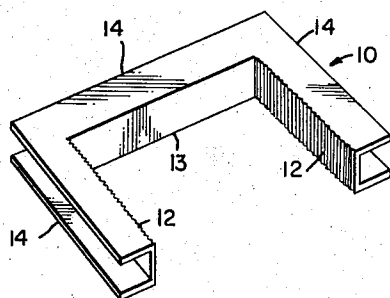


FIG. 1

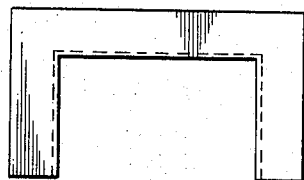


FIG. 2

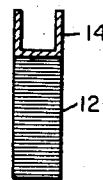


FIG. 3

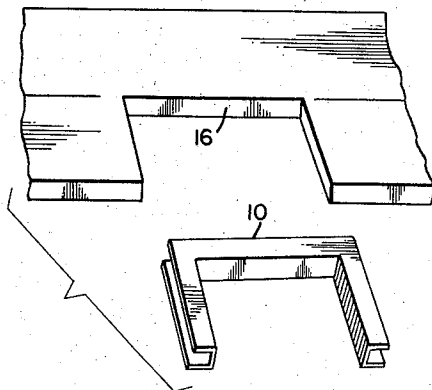
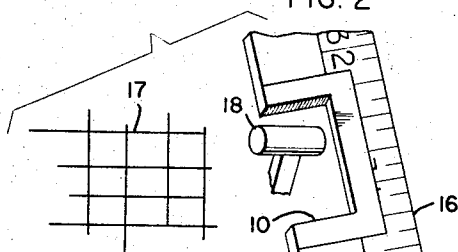


FIG. 5

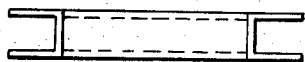


FIG. 4

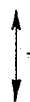


FIG. 6

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REGISTER REGULATOR AID

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1 Claim. (Cl. 294—19)

This invention relates to heating and cooling registers and more particularly to provide aid with an extension to reach register vent arms located near ceilings.

The present invention is an implement designed to insert into a yard stick. This implement is an open jaw with knurled edges designed to engage the register vent arm.

It is an object of the present invention to provide aid, ease and safety for an individual's efforts to regulate the flow of air coming through register vents located in out of reach locations.

Still a further object of the present invention is to provide a convenient tool which, when coupled with a useful yard stick, can be produced and sold in large quantities at low cost, and which can be conveniently utilized wherever needed.

Still additional objects, benefits, and advantages of this invention will become evident from a study of the following detailed description taken in conjunction with the accompanying drawing, in which:

FIGURE 1 is a perspective view of a register regulator aid made in accordance with the present invention.

FIGURE 2 is a top view of the register regulator aid shown in FIGURE 1.

FIGURE 3 is a cut-away view of the open jaw, showing the inner knurled side of the register regulator aid shown in FIGURE 1.

FIGURE 4 is a front view of the register regulator aid shown in FIGURE 1.

FIGURE 5 is a view of the present invention inserted into a yard stick.

FIGURE 6 is a view of the present invention as in FIGURE 5, showing the implement in actual use.

Referring now specifically to the drawing, a register regulator aid 10 made in accordance with the present invention is shown to have three inner sides which make up the jaw. Two inner sides 12 are knurled and the side 13 connecting said sides is of a plane surface. In addition to the three inner sides making up the jaw of the present invention, there are three exterior sides 14

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channeled to insert into extension 16.

The operation of this implement now will be readily understood. A register vent 17, being located in an out of reach location, is now easily reached by gripping extension 16 and engaging register regulator aid 10 to register vent arm 18. Then, by pushing or pulling extension 16, register regulator aid 10 applies pressure to register vent arm 18, which in turn regulates the register vent 17. This operation is completed by said procedure, thus eliminating unsafe ways of reaching said register.

While this invention has been described with particular reference to the construction shown in the drawing and while various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

Having thus completely and fully described the invention, what is now claimed as new and desired to be protected by Letters Patent of the United States is.

I claim:

A register regulator aid insert implement used to regulate louver vents in heating and cooling systems in combination with an elongated notched stick, said insert being approximately U-shaped and formed with exterior channeled walls, knurls on the inner sides of the insert to prevent slippage when the inner side walls of the insert are engaged with a vent arm, said insert being mounted within said stick notch whereby the walls of the notch are received within the channeled walls of the insert.

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