Dec. 8, 1925. 1,564,618

E. L. PETZING

TOOL

Filed Feb. 7, 1925

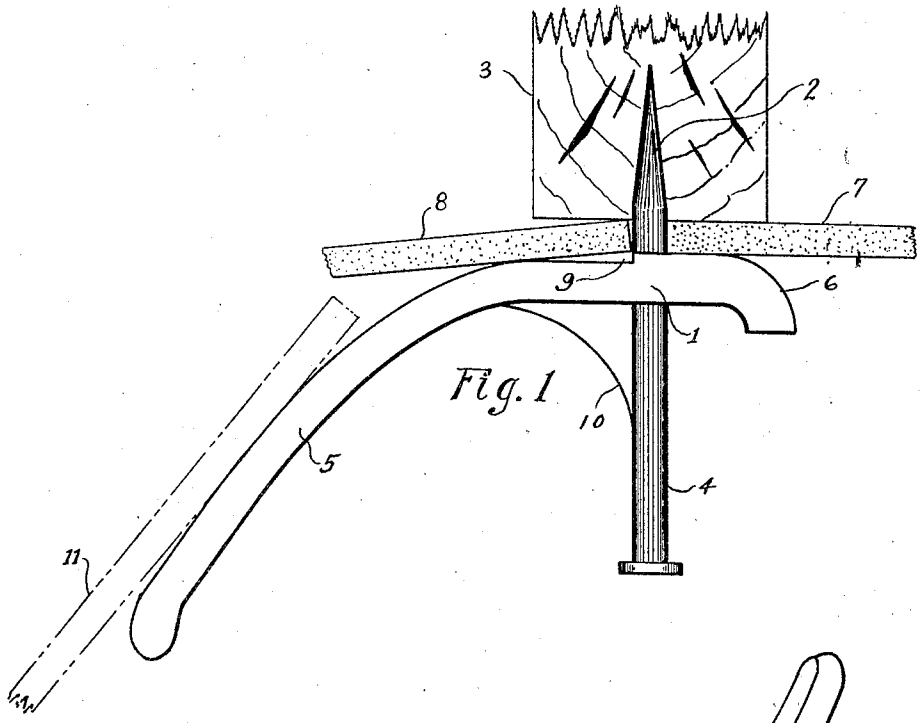


Fig. 1

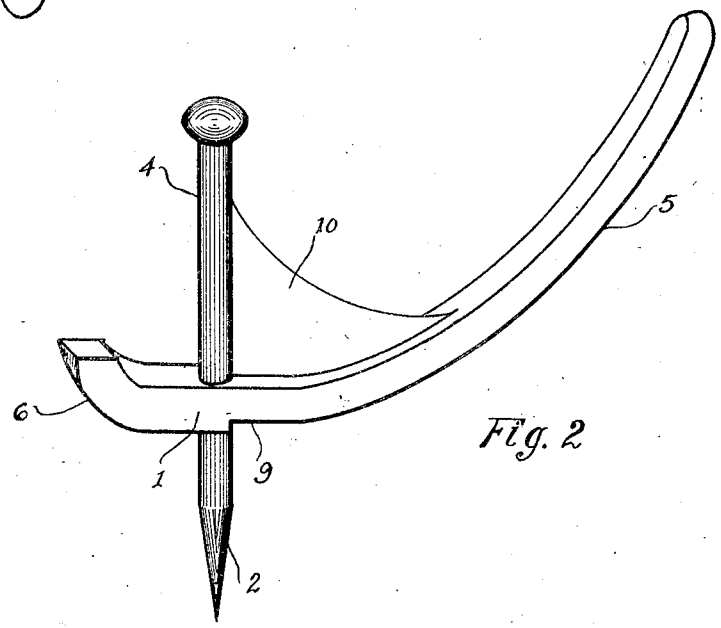


Fig. 2

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Patented Dec. 8, 1925. 1,564,618

UNITED STATES PATENT OFFICE.

ELMER L. PETZING, OF BUFFALO, NEW YORK, ASSIGNOR TO THE BEAVER PRODUCTS COMPANY, INC., A CORPORATION OF NEW YORK.

TOOL.

Application filed February 7, 1925. Serial No. 7,693.

To all whom it may concern:

Be it known that I, ELMER L. PETZING, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Tools, of which the following is a specification.

This invention relates to a new and useful device used to guide and hold a panel of wallboard in position while it is being permanently fastened in place. Heretofore, it has been tedious and difficult to properly fasten wall board panels to ceilings and walls, due to their cumbersome size and in some cases due to their weight. Heretofore, in securing a panel to a ceiling or wall it required the services of two men, that is, one man to hold the panel in position over his head, if applying to a ceiling, while the other puts the fasteners in place, such as nails.

This invention is designed to overcome this difficulty and to permit one man with less effort and without any assistance to put the panels in place upon a ceiling or wall irrespective of the size or weight of the panel.

The nature of the invention will be best understood by reference to my illustrative construction embodying the invention and shown in the accompanying drawings:

Fig. 1 is a view showing the device in its operable position.

Fig. 2 is a perspective view of the device.

The device is composed of a head 1 from which extends a pointed projection 2 to be driven into a wall studding or joist 3 which holds the device in its working position. Diametrically opposite the pointed projection 2 and extending from the head 1 is a driving head 4 by which the tool is driven into its proper position by an ordinary hammer. Extending from head 1 and at substantially right angles to the pointed projection 2 and the driving head 4 is an arcuate guide or shank 5 of any suitable length. Diametrically opposite the arcuate guide 5 and extending in the opposite direction from the head 1 is a stop 6 adopted to properly space the tool from the studding 3. This stop 6 when the tool is driven into the studding abuts against the wallboard panels 7 previously secured in place thus spacing the guide 5 from the studding so that the wallboard panel 8 can be guided into place so that it can be subsequently secured in its proper position. Stop 6 has its end rounded in the same general direction as the arcuate guide 5 so that upon removal of the tool from the studding it will not mutilate the panel previously secured in position. A cutaway portion 9 in the head 1 adjacent to the arcuate guide 5 serves to gage the proper spacing between the studding and the device. This spacing, as shown in Fig. 1, must be considerably more than the thickness of the wallboard panel in order that the panel can be properly slid into place due to the angle from which is it lifted. Between the arcuate guide 5 and the driving head 4 a rib or bracket 10 is located for the purpose of giving the device more rigidity.

In its use the device is driven into the center of the studding or joist until the stop 6 abuts the previously secured panel 7 indicating that the guide 5 is properly spaced. The panel is then stood or held in a position shown in dotted lines in Fig. 1 and indicated at 11. The panel is then lifted and during this operation it will follow the guide 5 and is then held in position shown in full lines in Fig. 1. The panel can then be fastened in its permanent position and the device removed.

To remove the device it is only necessary to hit the driving head on the side to loosen it and a pull on the guide 5 will withdraw the point of projection 2 from the studding. The curved section of the stop 6 prevents mutilation of the board during the removal operation.

It is thought that the invention and many of its attendant advantages will be understood from the foregoing description and it will be apparent that various changes may be made in the form, construction and arrangement of the parts without departing from the spirit or scope of the invention. The form hereinbefore described being merely a preferred embodiment thereof.

Having thus described my invention, I claim:

1. A wall-board tool comprising a head provided with a pointed projection, a driving head diametrically opposite said projection, an arcuate guide extending from from the head at substantially right angles to the driving head and a curved stop ex-

tending from the head diametrically opposite the guide.

2. A wall-board tool comprising a head provided with a pointed projection to be driven into a studding, a driving head diametrically opposite the pointed projection to receive the force applied to drive the pointed projection, an arcuate guide located substantially at right angles to the driving head adapted to guide a wall board panel into position and a curved stop diametrically opposite the guide adapted to properly space the guide from the studding.

3. A device of the class described, comprising a head provided with a pointed projection, a driving head diametrically opposite said projection, an arcuate guide extending from the head at substantially right angles to the driving head, and a reinforcing web between the driving head and the arcuate guide.

4. A device of the class described, comprising a head provided with a pointed projection, a driving head diametrically opposite said projection, and an elongated, arcuate guide provided with a flat section adjacent the pointed projection adapted to hold a wallboard section in nailing position.

5. A device of the class described comprising a head provided with a pointed projection, a driving head diametrically opposite said projection and a long elongated arcuate guide curved outwardly and beyond the head.

In testimony whereof I affix my signature.

ELMER L. PETZING.