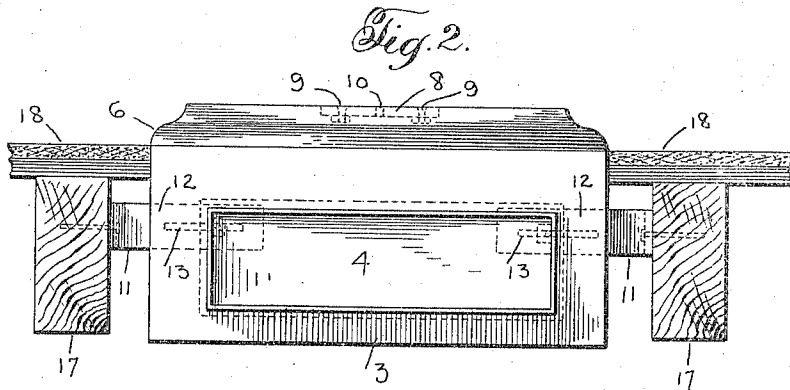
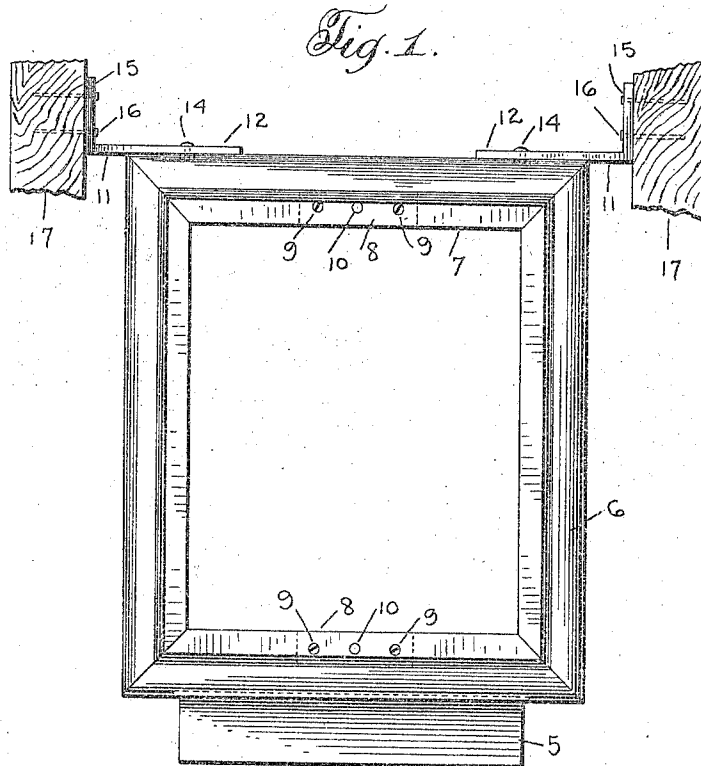


J. FLOOD.
 BORDER FOR SIDE WALL REGISTERS.
 APPLICATION FILED JULY 24, 1908.

947,809.

Patented Feb. 1, 1910.



Witnesses:
Jesse Hutchinson
Gordon E. McNeil

Inventor:
John Flood
 By *Royal E. Dunbar* Attorney:

UNITED STATES PATENT OFFICE.

JOHN FLOOD, OF ASHTABULA, OHIO.

BORDER FOR SIDE-WALL REGISTERS.

947,809.

Specification of Letters Patent.

Patented Feb. 1, 1910.

Application filed July 24, 1908. Serial No. 445,169.

To all whom it may concern:

Be it known that I, JOHN FLOOD, a citizen of the United States, residing at Ashtabula, in the county of Ashtabula and State of Ohio, have invented certain new and useful Improvements in Borders for Side-Wall Registers, of which the following is a specification.

This invention relates to air-registers adapted for installation in walls of buildings. It affords improved facilities for setting and maintaining in place, means being provided to adapt its securing devices to wall members of different distances apart, it avoids the use of blocking between it and the frame and joists of a wall, and it is so constructed as to present a good appearance.

When read in connection with the description herein, the details of construction and arrangement of parts contemplated by the invention will be apparent from the accompanying drawings, forming part hereof, wherein a preferable embodiment of the invention is disclosed, for purposes of illustration.

Like reference-characters refer to corresponding parts in the views of the drawing, of which—

Figure 1 is a side view; and Fig. 2 is a bottom view.

The border includes a box-like frame 3, formed at the bottom or one end with a passage 4 for reception of an air-conducting sleeve 5. The front side of the border extends inwardly to form a molding 6 and an inwardly-extending flange 7 around the opening of the border.

Reinforcing members 8 are attached to flange 7 by rivets, bolts, or screws 9, and each of these members is formed with an aperture 10 for reception of a screw for securing a grating member of suitable construction carrying means for controlling passage of air from the register.

One end of the border is held in place in a wall by its engagement with sleeve 5. In order to secure the other end of the border in place between joists in a wall and to relieve the sleeve of the weight of the border and to allow for joists of varying distances apart, laterally-extending brackets 11 are employed. Each of these brackets is formed with a portion 12 arranged to lie along the exterior surface of the border and having a slot 13 therein for reception of a screw or bolt 14. The bolt passes through the border and is arranged when loosened to permit the bracket to be extended or retracted with respect to the border and when tightened to maintain the bracket in adjusted position. By this means, the brackets may be adjusted laterally to the distance apart of the joists or other wall members between which the border is to be set. Each bracket is formed with a portion 15, extending substantially at right angles to portion 12, and having one or more apertures for passage of screws or nails 16 to attach the bracket to a joist or other wall member. In thus setting the border between joists such as indicated by 17 in the drawing, it is so placed that the outer surface of the lath and plaster structure 18 of the wall will about coincide with the line of meeting of the frame 3 and its molding 6.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A register-border comprising a frame, a flange projecting inwardly of the opening of the frame, and a reinforcing member fixed on and extending longitudinally of said flange and having an aperture adapted to receive the securing means of a register.

JOHN FLOOD.

Witnesses:

A. T. ULLMAN,
F. R. HOGUE.