No. 610,568. Patented Sept. 13, 1898.

S. A. THOMPSON.

FLOORING AND CEILING SET COMBINED.

(Application filed Jan. 6, 1898.)

(No Model.)

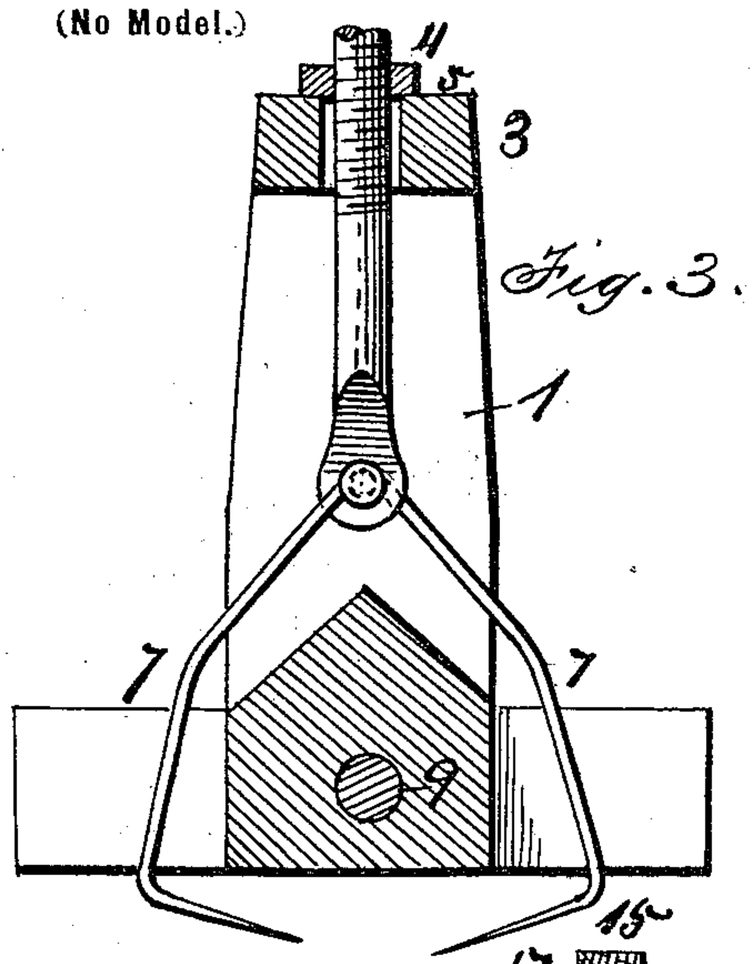

Fig. 3.

Fig. 1.

Fig. 2.

Witnesses
F. L. Ourand.
F. S. Duffie.

Inventor
Samuel A. Thompson
By John S. Duffie
His Attorney

UNITED STATES PATENT OFFICE.

SAMUEL A. THOMPSON, OF ROCKY COMFORT, ARKANSAS.

FLOORING AND CEILING SET COMBINED.

SPECIFICATION forming part of Letters Patent No. 610,568, dated September 13, 1898.

Application filed January 6, 1898. Serial No. 665,845. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL A. THOMPSON, a citizen of the United States, residing at Rocky Comfort, in the county of Little River and State of Arkansas, have invented certain new and useful Improvements in a Flooring and Ceiling Set Combined; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is a flooring and ceiling set combined; and it consists of means for grasping the joists, holding the grip, means for holding the ceiling-plank and means for pressing it tightly against its neighbor.

In the accompanying drawings, Figure 1 is a side elevation of my invention. Fig. 2 is a reversed view of Fig. 1. Fig. 3 is a cross-sectional view of Fig. 1 on the line *x x*.

My invention is described as follows: 1 is a block provided with a longitudinal slot 2. In the upper end of this block and concentric with the slot 2 is a perforation 3, in which works up and down a threaded rod 4. Screwing in this threaded rod 4 is a nut 5, provided with a lever and handle 6 and screwing the nut against the upper end of the block 1. To the lower end of the threaded rod 4 is pivoted a pair of clutches 7, which extend a short distance below the lower end of block 1. This block 1 has on its lower end corrugations or teeth 8 to prevent it from slipping on the joist. Through the lower end of the block 1 and at right angles to the slot 2 is a threaded perforation 9, in which works a threaded screw-bolt 10, and in the unthreaded end of said screw-bolt 10 is a perforation 11, in which works and slides a headed lever-bolt 12 for the purpose of turning the said screw-bolt 10. Working on the threaded end of the threaded screw-bolt 10 is a board-rest frame 13, consisting of the cross-beams 14 and 15. The beam 14 is provided with a perforation 16, and the beam 15 is provided with a recess 17, in which and against the unperforated part 18 of said beam the end of the threaded bolt 10 works. To the lower faces of these two beams 14 and 15 is firmly secured a board-rest 19.

My device is operated as follows: In putting up the ceiling the corrugated end 8 of the block 1 is set against the lower face of the joist. The clutches 7 are secured to the joist, and then the nut 5 is turned until the corrugated end of block 1 is brought securely and firmly against the face of the joist. The board-rest frame 13 having been previously turned until the board-rest 19 hangs immediately under the joist, the ceiling-board is then slipped in over the board-rest and beyond the beam 15, with one edge resting against its neighbor ceiling-board and its other edge against the outer face of beam 15. The rest holds the ceiling-board up in its place while the operator turns the threaded bolt 10 and presses the ceiling-board firmly against its neighbor.

For flooring the operation is just the same, except the block 1 is secured to the upper edge of the joist and the board-rest 19 is turned to hold the flooring-board down instead of up.

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

1. The combination of the block, 1, provided with the slot, 2, perforation, 3, threaded perforation, 9, and corrugations, 8; threaded rod, 4, working in slot, 2, and through perforation, 3; nut, 5, turning on the threaded part of bolt, 4, and against the upper end of block, 1, clutches, 7, pivoted to the lower end of rod, 4; threaded rod, 10, working through the threaded perforation, 9, lever, 12, working in perforation, 11, board-rest frame, 13, consisting of the perforated beam, 14, recessed beam, 15, and board-rest 19; substantially as shown and described, and for the purposes set forth.

2. A flooring and ceiling set combined, consisting of a block, its lower end corrugated and provided with a longitudinal slot, in which works a threaded bolt, having pivoted to its lower end clutches, and operated by a lever-nut, working against the upper end of the block; a threaded bolt working through a threaded perforation, and operated by a lever; a board-rest, secured to two cross-beams, both working on the last-mentioned bolt; substantially as shown and described, and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL A. THOMPSON.

Witnesses:

CARL A. SCHUMAN,

JOHN READ.