

S. C. & S. Winslow,

Floor Clamp.

No 54,805.

Patented May, 15, 1866.

Fig. 1

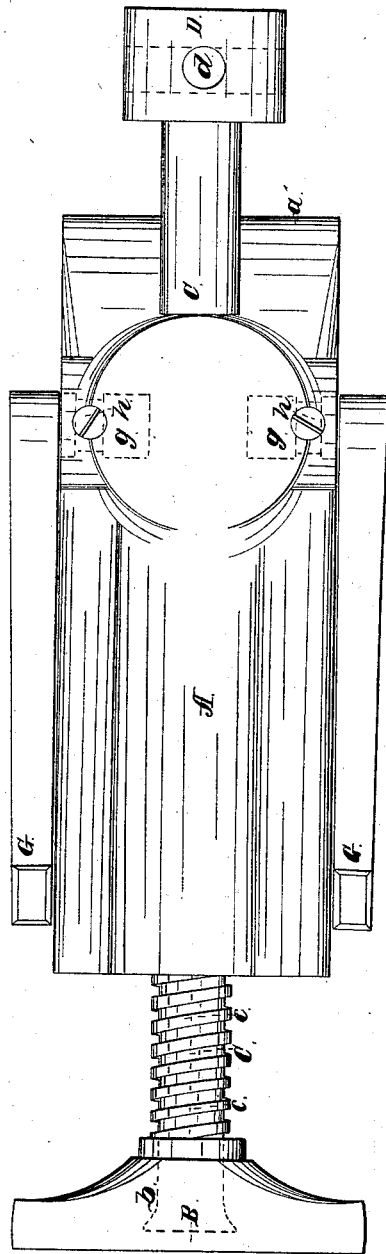
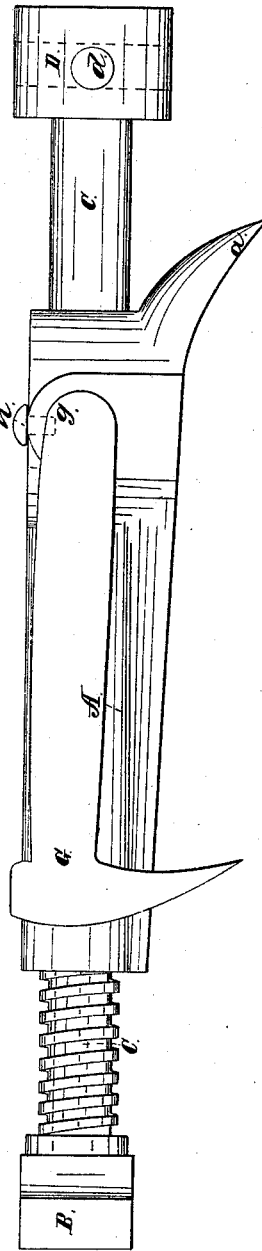


Fig. 2



Witnesses
E. J. Brown.
S. Brown.

Inventors:
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By their atty.
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UNITED STATES PATENT OFFICE.

SETH C. WINSLOW AND SAMUEL WINSLOW, OF WORCESTER, MASS.

IMPROVEMENT IN FLOOR-CLAMPS.

Specification forming part of Letters Patent No. 54,805, dated May 15, 1866.

To all whom it may concern:

Be it known that we, SETH C. WINSLOW and SAMUEL WINSLOW, of Worcester, in the county of Worcester and State of Massachusetts, have invented an Improved Floor-Clamp; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a top view of the clamp, and Fig. 2 a side view thereof.

Like letters designate corresponding parts in both figures.

We employ a stock, A, which may have, though not necessarily, a claw, *a*, projecting downward from the rear end to assist in holding it in place. Through this stock a shaft, C, extends lengthwise, which is provided with a screw-thread, *c*, on one end, to run in a hollow screw or nut in the stock, and thus cause the shaft to move therein by turning, the shaft being enough longer than the stock to allow all the movement ever desired.

On the forward end of the shaft a clamp-jaw, B, is situated, the end *b* on the shaft turning freely in the jaw. The other end of the shaft is provided with a head, D, having holes *d*, for inserting a rod or lever to turn the shaft with, so as to move the jaw B against the boards of the floor.

Our invention consists in combining with the instrument as above described dogs G G, located at the sides of the stock A, and pivoted thereto by journals *g g*, which are held in place by screws *h h*, or their equivalents, substantially as represented in the drawings. When the clamp is set to tighten a board in the floor these dogs are first driven down into the sleeper or under floor, on which the clamp rests, and then they hold the clamp securely, so that any required amount of force may be employed to clamp the board to its place without displacing the clamp. The dogs are readily set free again for a renewal of the operation.

What we claim as our invention, and desire to secure by Letters Patent, is—

The combination of the dogs G G with the floor-clamp, substantially as and for the purpose herein specified.

The above specification of our improved floor-clamp signed by us this 27th day of January, 1866.

SETH C. WINSLOW.
SAMUEL WINSLOW.

Witnesses:

A. H. KNAPP,
MALCOM W. MAYNARD.