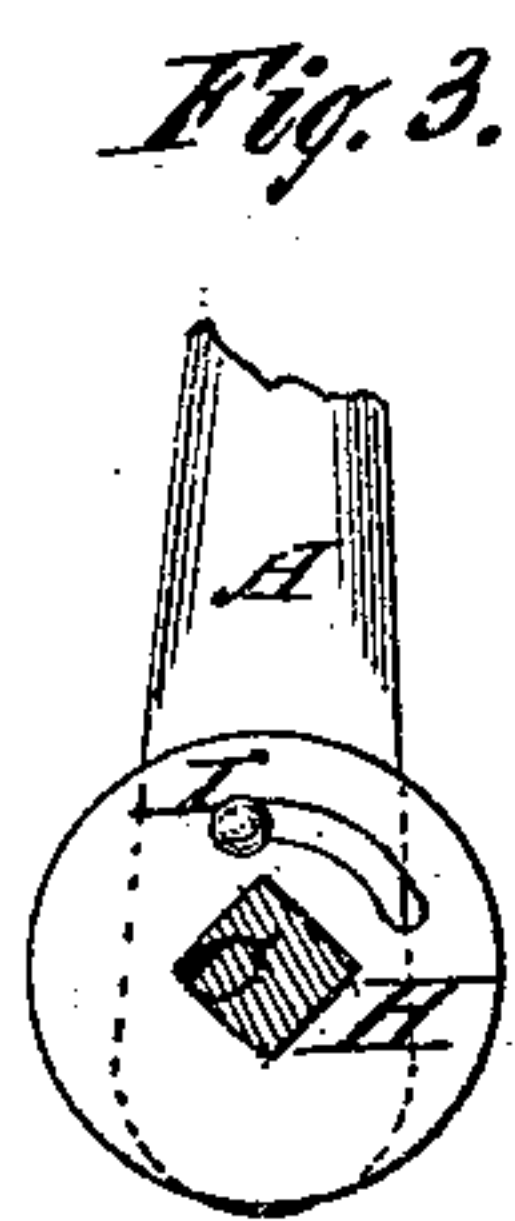
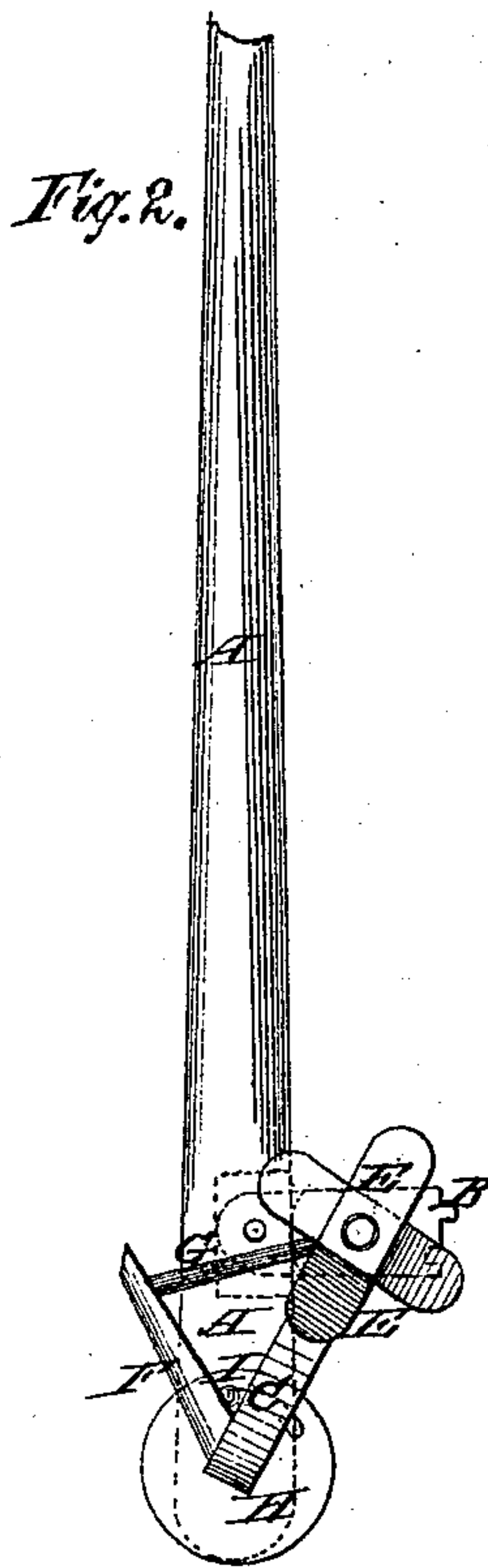
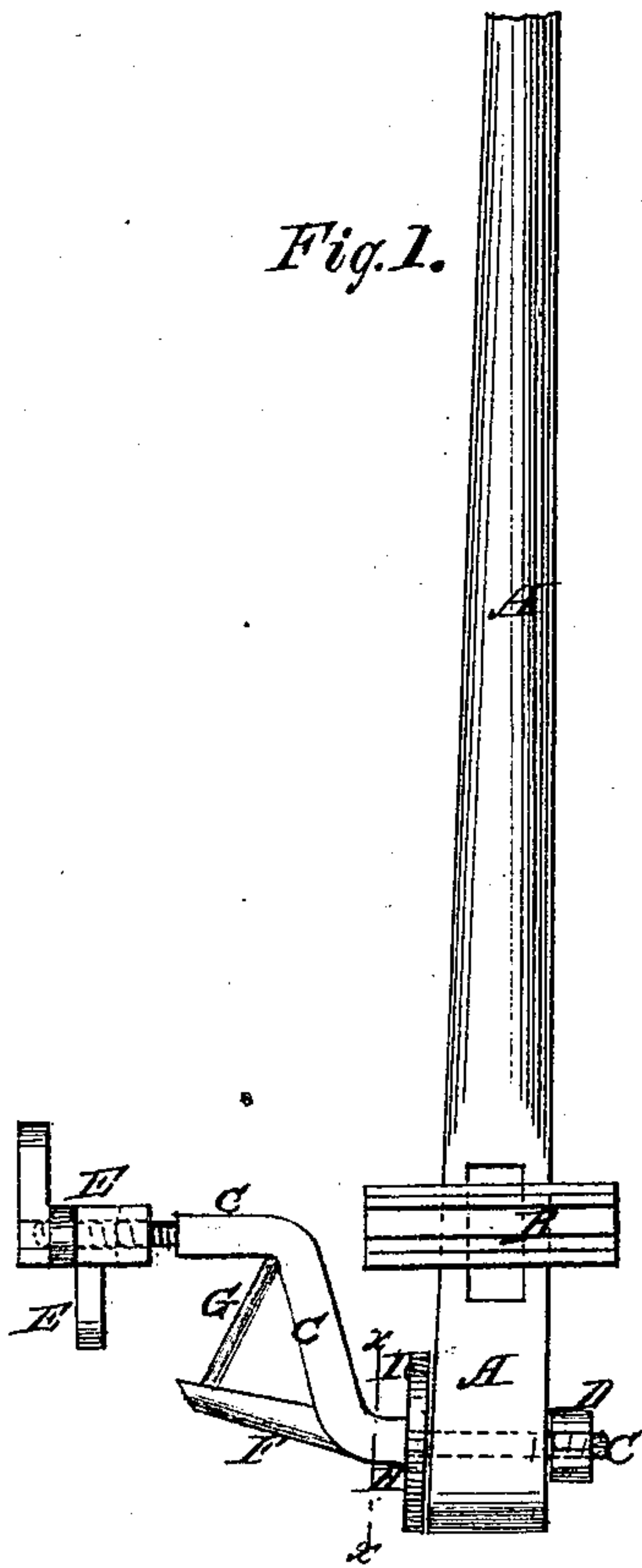


S. B. WOOD, W. S., R. Y. H., & A. W. TERRY.

Flooring Clamps.

No. 141,528.

Patented August 5, 1873.



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SYLVANUS B. WOOD, WILLIAM S. TERRY, ROBERT Y. H. TERRY, AND ALONZO W. TERRY, OF HAMBURG, ARKANSAS.

IMPROVEMENT IN FLOORING-CLAMPS.

Specification forming part of Letters Patent No. 141,528, dated August 5, 1873; application filed April 26, 1873.

To all whom it may concern:

Be it known that we, SYLVANUS B. WOOD, WILLIAM S. TERRY, ROBERT Y. H. TERRY, and ALONZO W. TERRY, of Hamburg, in the county of Ashley and State of Arkansas, have invented a new and useful Improvement in Flooring-Clamps, of which the following is a specification:

Figure 1 is a front view of our improved clamp. Fig. 2 is a side view of the same. Fig. 3 is a detail sectional view of the same taken through the line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts.

Our invention has for its object to furnish an improved clamp for forcing and holding jointed or matched work, such as flooring, ceiling, doors, &c., together to enable it to be nailed or otherwise secured, and which shall be simple in construction, convenient in use, and effective in operation; and it consists in the construction and arrangement of the various parts of the clamp, as hereinafter more fully described.

A is a lever about four or five feet long and of such a size as to give it the requisite strength. In the forward side of the lower part of the lever A is formed a slot to receive the tongue or tenon of the block B, which is secured in place by a pin, as shown in Fig. 2. The block B is placed transversely upon the lever A, and upon its forward side or face is formed a tongue or groove or a plane surface to fit upon the edge of the boards or planks according as the said boards or planks are worked with their tongued or grooved edges forward or are simply matched. The slot in the lever should be a little longer than the breadth of the tongue or tenon of the block B to give the block a little play, so that the said block may be conveniently adjusted to the edges of the said boards or planks. C is a bar, which may be of wrought or cast iron, and which is made in about the shape shown in Fig. 1—that is to say, it is bent twice nearly at right angles, and has a screw-thread cut upon each end. One end of the bar C is passed through a hole in the lower end of the lever A at right angles with the plane of the slot in the said lever hereinbefore described, where it is secured in place by a nut, D, screwed upon it, as shown in Fig. 1. Upon the other end of the bar C is

screwed a nut, E, having a flange formed upon each of its four sides, the first flange being flush with the inner surface of the said nut, and each successive flange being set back about half an inch farther than the next preceding one. Upon the rear side of the bar C, at or near its lower end, is formed an arm, F, projecting outward and upward, as shown in Figs. 1 and 2. The outer end of the arm F is made pointed, and to it, near said outer end, is attached the end of a brace, G, the other end of which is connected with the bar C at or near its other or upper bend. To the bar C, at the side of the lever A, is attached or upon it is formed a disk or flange, H, which has a curved slot formed in its upper part to receive a pin, I, attached to the lever A, to limit the movement of the bar C and prevent it from falling over back when being adjusted to the work.

In using the clamp, the flanged nut E is adjusted upon the end of the bar C according to the thickness of the joist, stud, or sleeper, so that a flange of the said nut E may rest against the outer side of said joist, stud, or sleeper, and the point of the arm F against its other or inner side. The face of the block B is then adjusted upon the edge of the board or plank, and the lever A is operated, forcing the board or plank to its place, and holding it there until nailed or otherwise secured.

It will be observed that the block B will always be at one side of the joist, stud, or sleeper, giving a chance for secret nailing.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

An improved flooring-clamp, composed of the lever A, block B, arm C, flanged nut E, pointed arm F, strengthening-brace G, slotted flange or disk H, and stop-pin I, said parts being constructed, arranged, and operating substantially as herein shown and described, and for the purpose set forth.

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