

(No Model.)

W. I. STIMPSON.
LOOM TEMPLE.

No. 497,692.

Patented May 16, 1893.

Fig: 1.

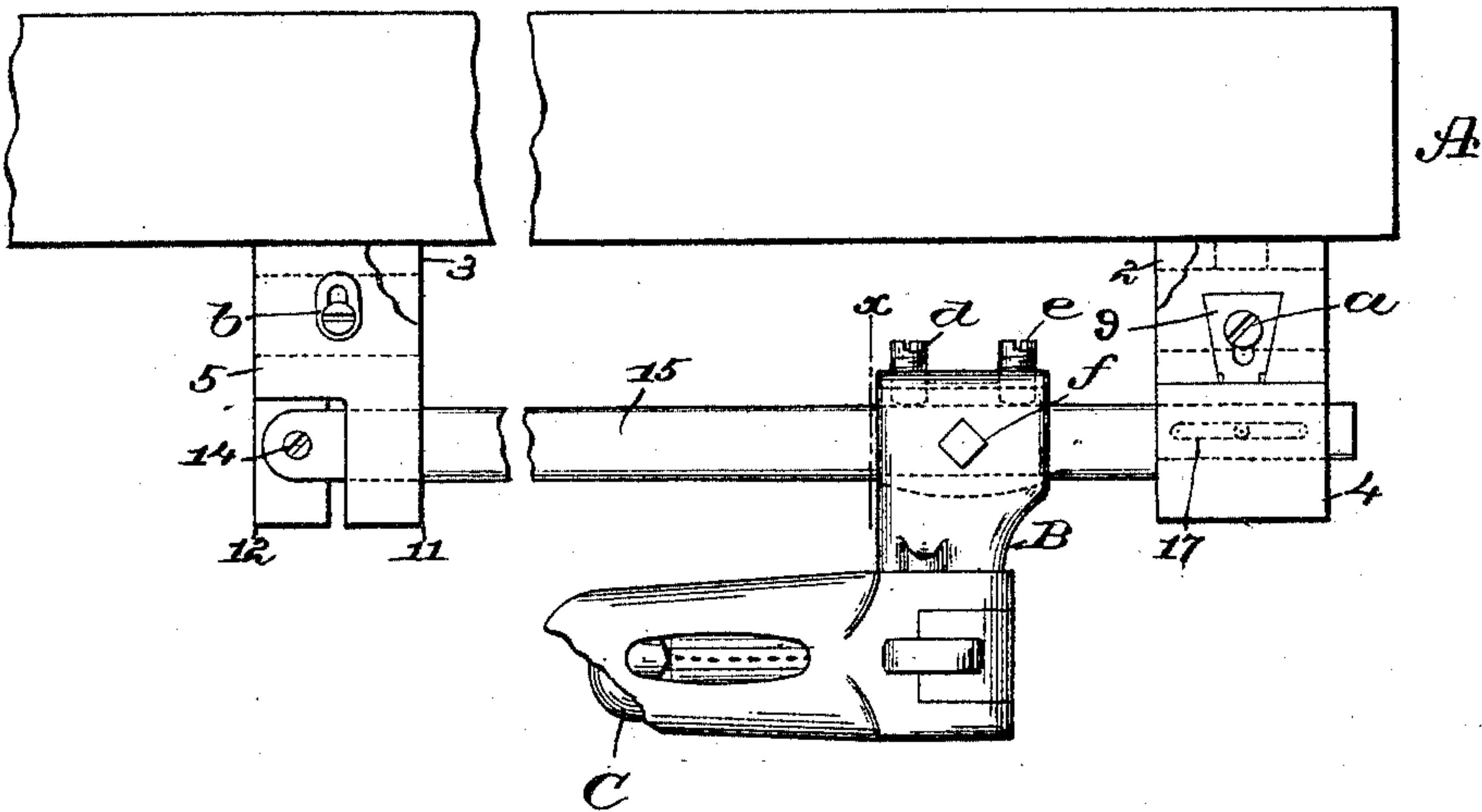


Fig: 2.

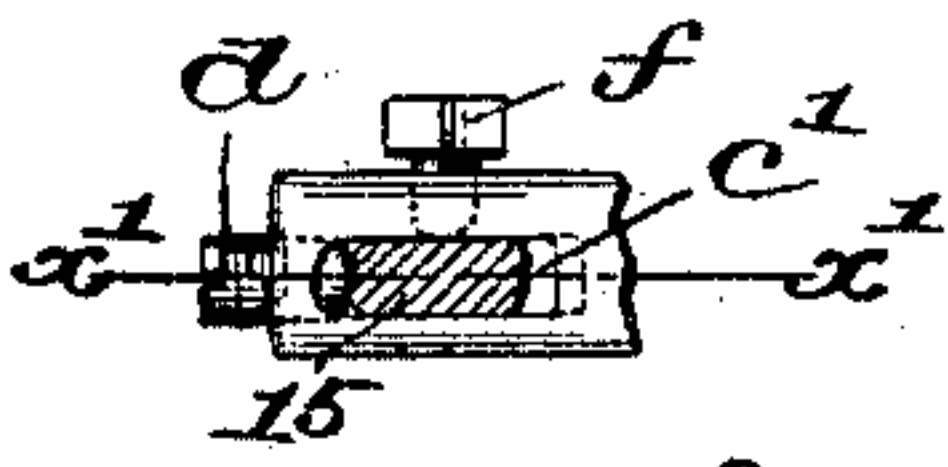
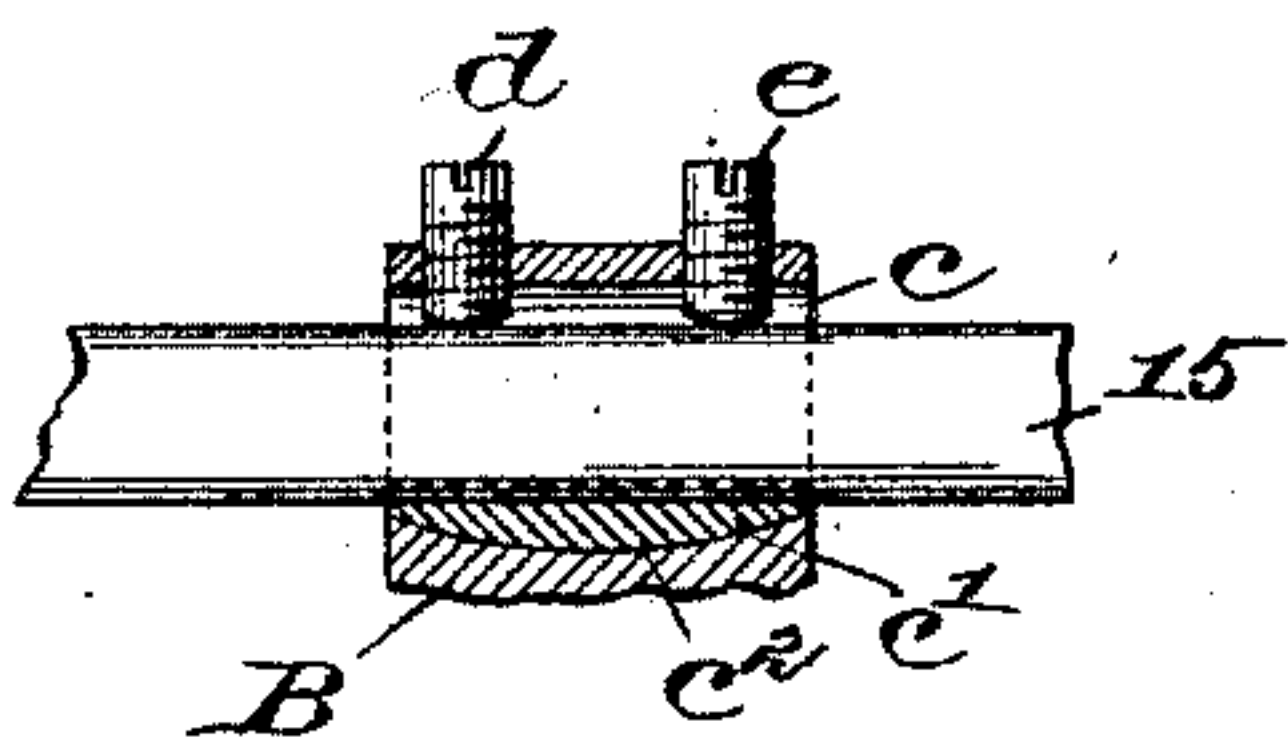


Fig:3.



Witnesses,

Fred S. Greenleaf.
Louise M. Bowell

Inventor

Wallace I. Stimpson
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UNITED STATES PATENT OFFICE.

WALLACE I. STIMPSON, OF MILFORD, ASSIGNOR TO THE DUTCHER TEMPLE COMPANY, OF HOPEDALE, MASSACHUSETTS.

LOOM-TEMPLE.

SPECIFICATION forming part of Letters Patent No. 497,692, dated May 16, 1893.

Application filed November 21, 1892. Serial No. 452,701. (No model.)

To all whom it may concern:

Be it known that I, WALLACE I. STIMPSON, of Milford, county of Worcester, State of Massachusetts, have invented an Improvement in Loom-Temples, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings representing like parts. This invention has for its object to provide means whereby the roller-carrying head of a temple may be accurately adjusted in order that the axis of rotation of the roller may stand at the desired angle with relation to warp of the cloth being woven, the roller requiring for the best work to occupy different angular positions according to the work being done.

In the illustration of my invention I have chosen to show the roller-carrying head applied to a metal bar supported at its ends at the inner side of the breast-beam and substantially parallel thereto.

Figure 1 in plan view shows part of the breast-beam of a loom and bar supported by it, on which bar I have mounted the temple-head in accordance with my invention; Fig. 2, a partial section in the line x Fig. 1, and Fig. 3, a section in the line x' Fig. 2, looking down, the adjusting screws being in elevation.

In the drawings A is a breast-beam; 4 and 5 supporting plates adjustably attached by screws a , b , respectively, to stands 2, 3 secured to the inner side of the breast-beam; and 15 is a metal bar pivoted at 14 on the ear 12 of plate 5, the bar being shown as extended between said finger 12 and a second finger 11. The opposite end of the bar 15 is slotted longitudinally as shown at 17 by dotted lines, to be entered by a projection extended upwardly from the spring 9.

The parts so far described, are and may be

the same as shown in United States Patent No. 488,916, dated December 27, 1892, where like letters and figures are employed to designate like parts.

The temple-head B carrying a toothed roller C of usual character, has at its end a transverse opening c concaved at one of its sides as at c' , see Fig. 3, to receive a rocking shoe c^2 , and at the opposite side of said opening I have provided adjusting devices d , e , shown as screws. The set screw f enables the temple-head to be adjusted longitudinally on the bar 15. To adjust the temple-head on the bar 15 and place the axis of rotation of the temple-roller C at the desired inclination to the warp of the cloth being woven, the operator will turn one of the screws, as the one d out and the other screw e , in, or vice versa, and in this manner turn the temple-head in to a more or less angular position with relation to the bar or support 15, as will be readily understood.

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

In a loom temple, a metallic bar, and a support therefor, to enable said bar to be vibrated in a horizontal plane between the breast beam and the lay, combined with a temple-head adapted to be adjusted laterally on said bar between its ends, and adjusting devices to determine the angular position of said head on said bar and with relation to the reed of the lay, as and for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WALLACE I. STIMPSON.

Witnesses:

WM. W. KNIGHT,
FRANK J. DUTCHER.