

(No Model.)

T. NORTON.  
LOOM TEMPLE.

No. 408,354.

Patented Aug. 6, 1889.

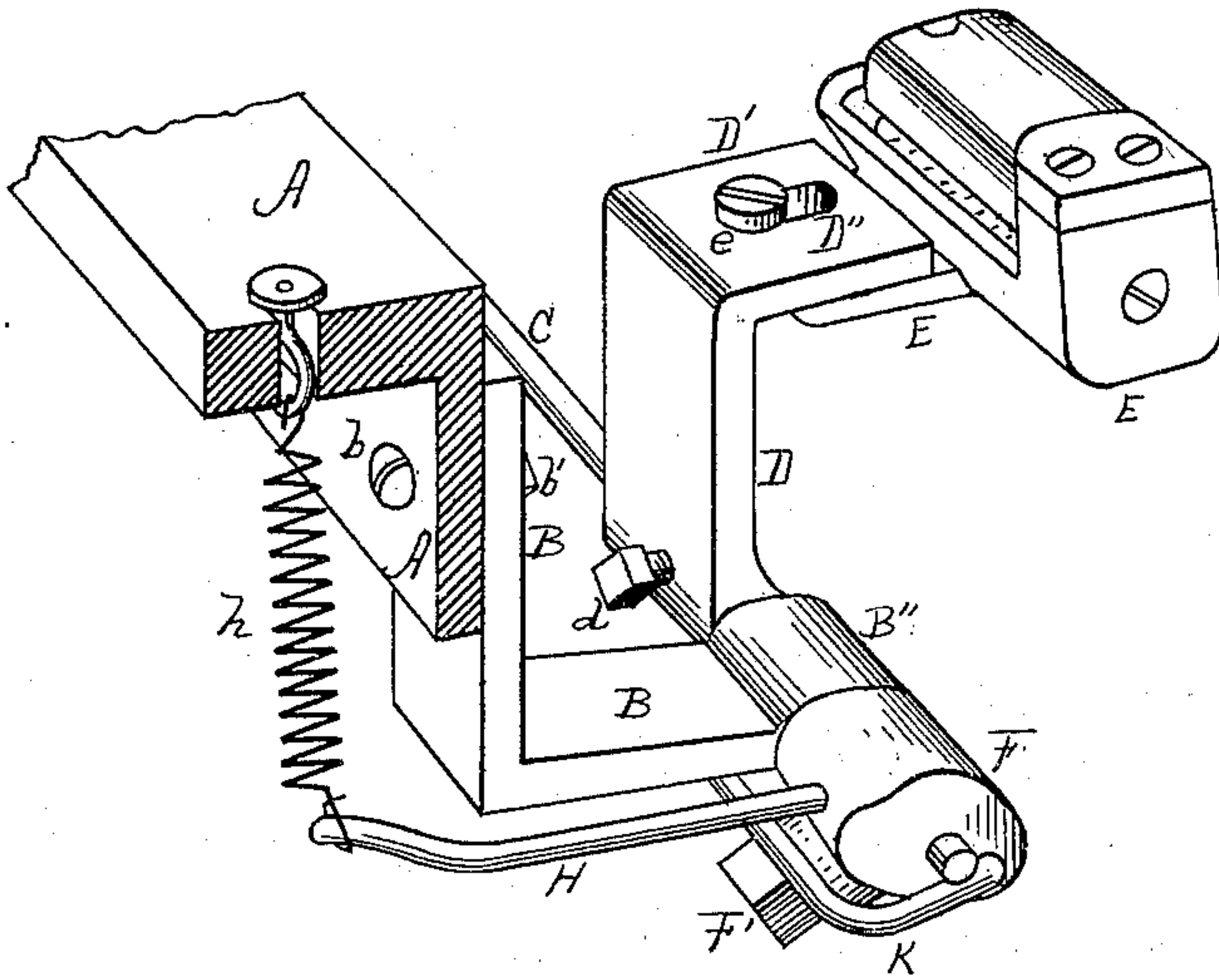


Fig. 1

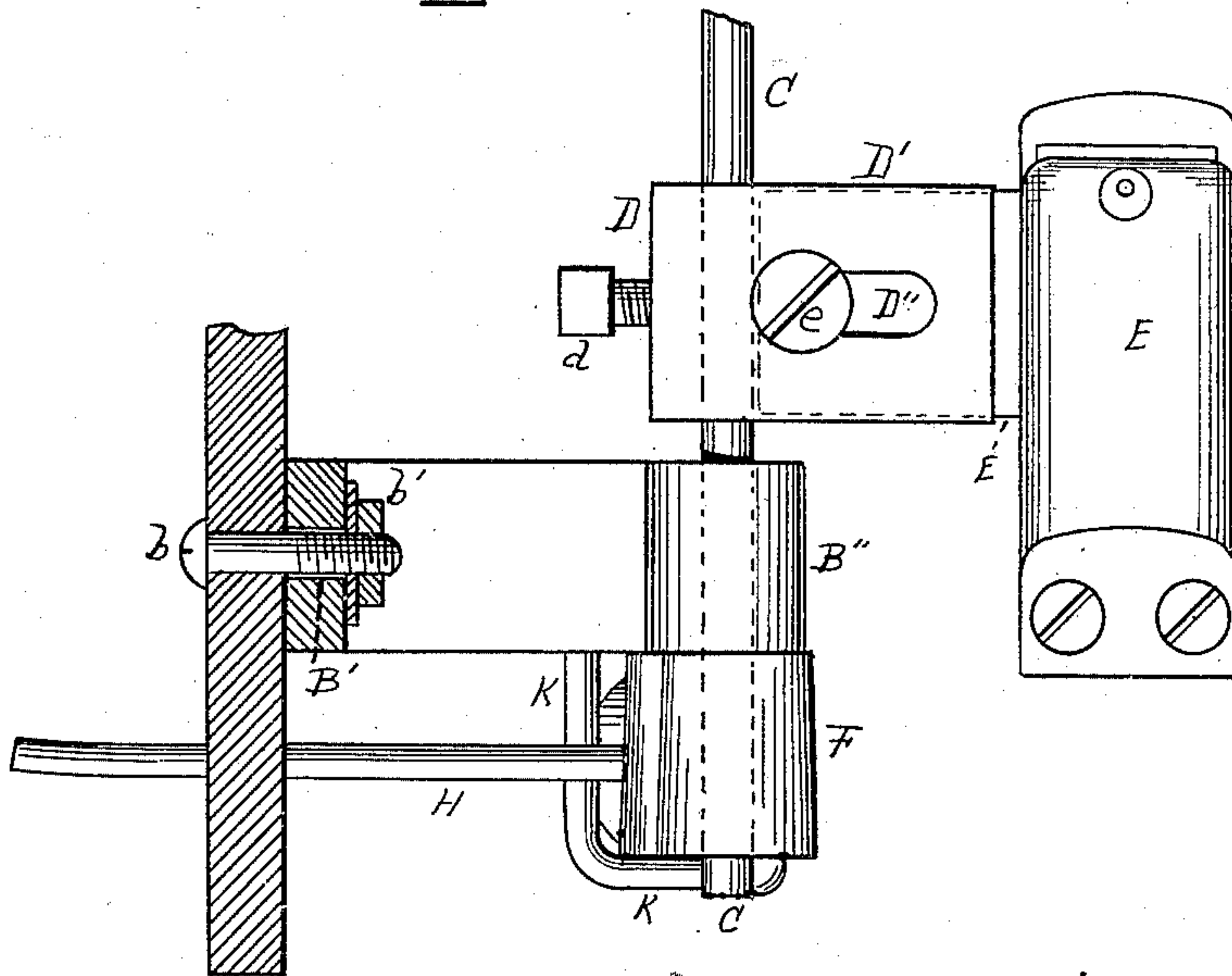


Fig. 2.

WITNESSES

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# UNITED STATES PATENT OFFICE.

THOMAS NORTON, OF FALL RIVER, MASSACHUSETTS.

## LOOM-TEMPLE.

SPECIFICATION forming part of Letters Patent No. 408,354, dated August 6, 1889.

Application filed May 29, 1889. Serial No. 312,553. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS NORTON, of Fall River, in the county of Bristol and State of Massachusetts, have invented a new and  
5 useful Improvement in Loom-Temples, of which the following is a specification.

The nature and object of the invention are fully described below, and illustrated in the accompanying drawings, in which—

10 Figure 1 is a perspective view of a loom-temple embodying my invention, the beam being shown in vertical section. Fig. 2 is a plan view of the same, the beam being shown in horizontal section.

15 Similar letters of reference indicate like parts.

A represents the beam constructed as usual.

B is one of two or more L-shaped brackets secured to the beam by means of the screw *b*  
20 and nut *b'*, said brackets being adjustable vertically by means of the vertically-elongated slot or opening *B'*, through which the screw *b* passes. The horizontal portion of the bracket B is bent loosely around the horizon-  
25 tal rod C at *B''*.

D is one of a series of L-shaped brackets embracing the rod C, supported by it and secured rigidly to it by set-screws *d*. By loosening the set-screws *d* the brackets D are  
30 horizontally and rotatively adjustable on the rod C. The horizontal or upper portions of the brackets D have long slots *D''* for supporting adjustably horizontally the cases E (containing the spiked rollers) by means of  
35 the screws *e*, which extend through said slots.

F is a sleeve made fast to the rod C by the set-screw *F'*. From this sleeve projects the rod H, whose outer end is connected to the beam A by a spring *h*, whereby the parts are held normally in the position shown in the  
40 drawings, and also the stop-rod K bent under the bracket B. Thus the brackets B are vertically adjustable on the beam A, the brackets D are horizontally and rotatively adjustable on the rod C, and the cases E are hori-  
45 zontally adjustable on the brackets D.

By means of this improvement cloth from six inches wide to the full reed space may be woven without turning the selvage or re-  
50 versing the temple, there is saving of wear and tear, and all splashing of oil is avoided.

The temple may be readily moved back on occasion by unhooking one end of the spring *h*.

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

The combination of the beam A, vertically-adjustable bracket B, provided with the slot *B'* and screw *b*, rod C, bracket D, held ad-  
60 justably on said rod by set-screws *d* and provided with the slot *D''* for adjustably holding the case E, sleeve F, rod and spring H *h*, and stop-rod K, substantially as and for the purpose set forth.

THOMAS NORTON.

Witnesses:

HENRY W. WILLIAMS,  
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