

(No Model.)

W. LEHMANN.  
BOSOM STAFF FOR MILLSTONES.

No. 265,267.

Patented Oct. 3, 1882.

Fig. 1.

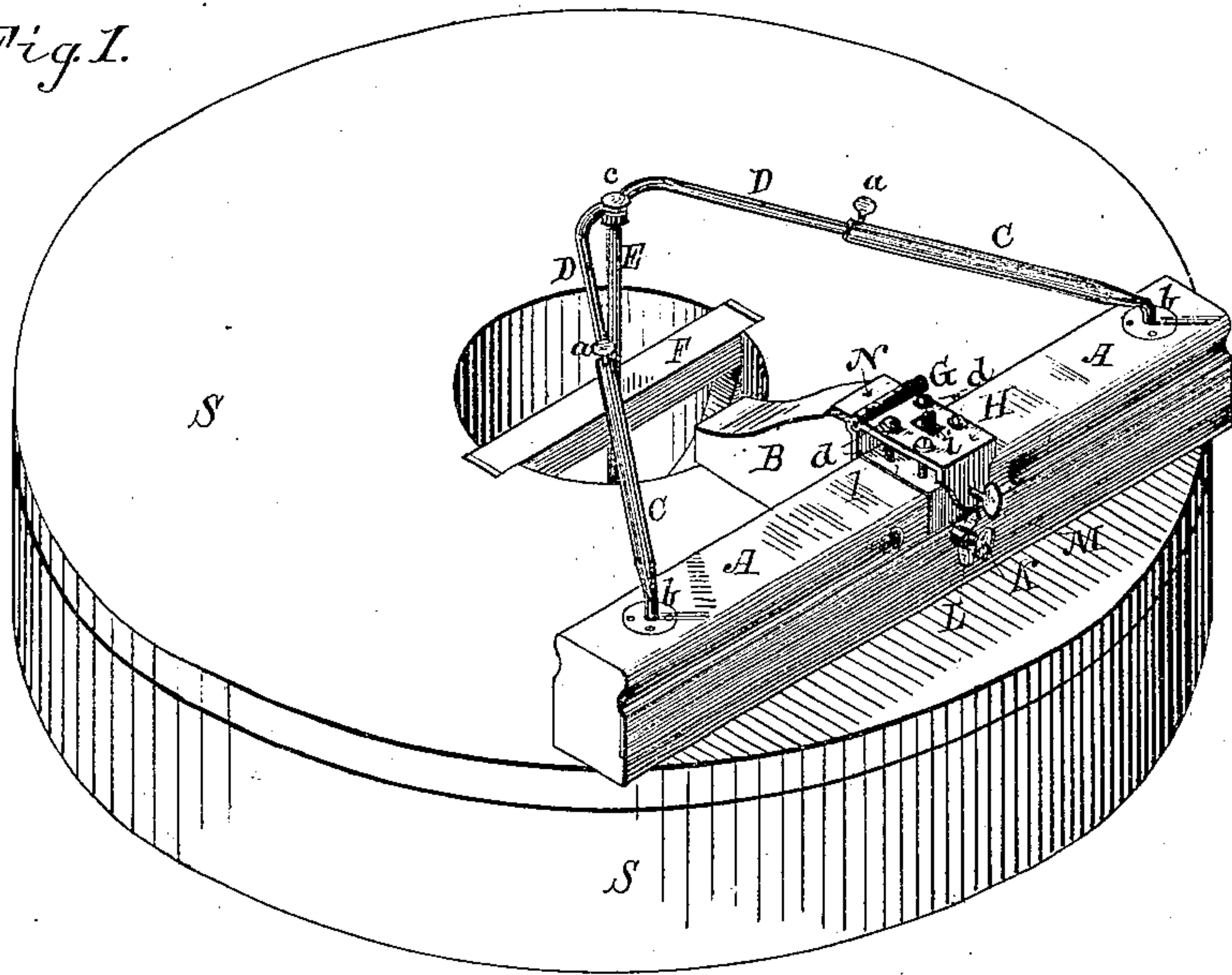
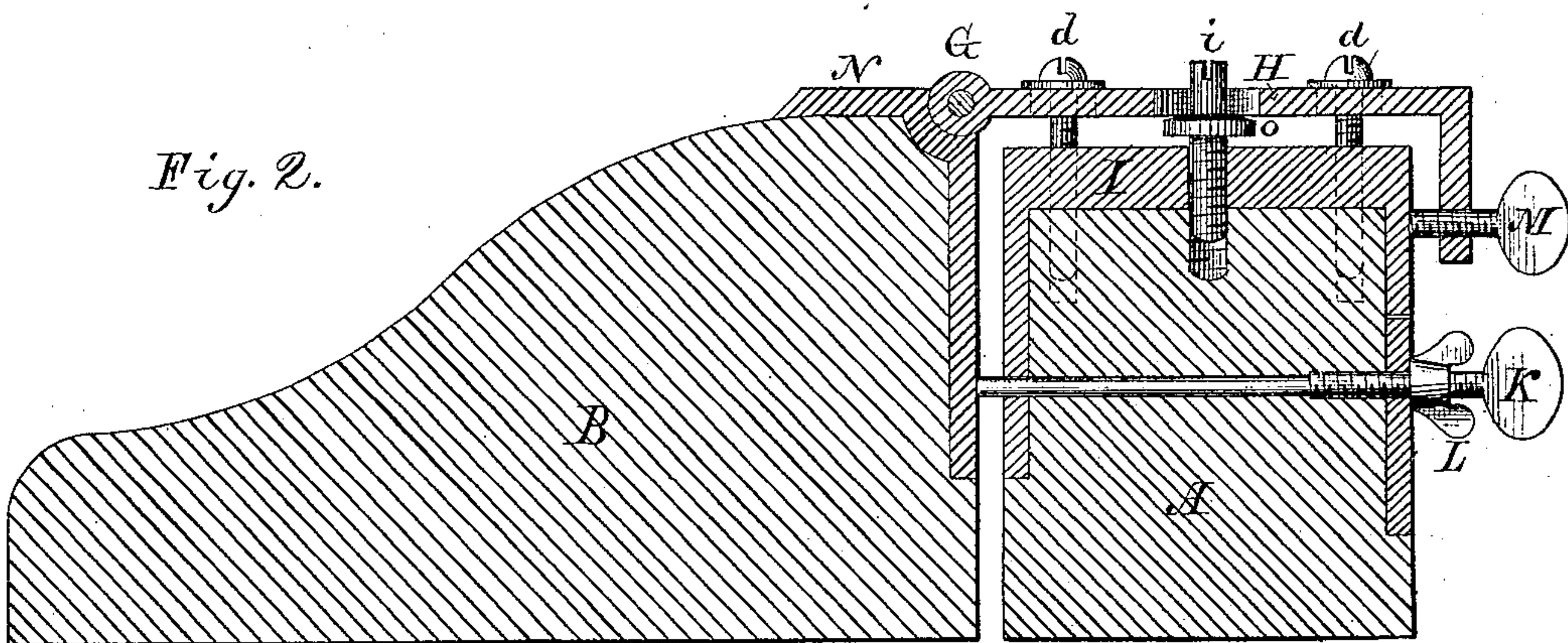


Fig. 2.



Witnesses:

Chas. R. Goss.  
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per

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# UNITED STATES PATENT OFFICE.

WILLIAM LEHMANN, OF MILWAUKEE, WISCONSIN.

## BOSOM-STAFF FOR MILLSTONES.

SPECIFICATION forming part of Letters Patent No. 265,267, dated October 3, 1882.

Application filed June 19, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM LEHMANN, of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Bosom-Staffs for Millstones; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to devices for gaging the bosoms of millstones while dressing the same; and it consists of certain improved attachments for governing the motion of the bosom-staff patented to me by United States Letters Patent dated January 27, 1880, No. 223,853.

In the accompanying drawings, Figure 1 is a perspective view of my improved device as applied in use, while Fig. 2 shows the device in section which is used to tip or incline the bosom-staff.

Like letters refer to similar parts throughout.

A B are the separate members of the bosom-staff. The movement of my bosom-staff on the stone was formerly controlled by rollers placed on the lower face of member A and caused to revolve circumferentially about the periphery of the stone, thereby keeping the member A in the position of a chord to the arc of a portion of the stone's circumference. In my improved device I employ rods pivoted at the center of the stone.

E is an upright rod pointed at each end, like the cock-head on which the stone is pivoted. When my device is applied to an upper stone the lower end of the rod E is placed in the cock-eye in the bail of the stone, and through the center of a wooden block, F, placed in the bail-notches, as shown, and serving to hold the rod E in a perpendicular position at the center of the stone. In truing the bosom of a lower stone the cock-head and spindle are used in place of rod E.

D D is a U-shaped rod provided with a cavity like a cockeye in the bail *c*, at the center of the bend therein. The extremities telescope into the tubes C C, which are pivoted to the two extremities of member A at *b b*. The extremities D D are adjustably fastened to the tubes C C by means of thumb-screws *a a*. By this means of adjustment the bosom-staff can be moved over the stone, as described in my former patent before referred to.

The second part of my improvements consists in inserting a long thumb-screw, K, horizontally through the center of member A in such manner as to cause its point to press upon the heel of member B and cause the front end of the member B to be depressed or elevated, according as the screw K is withdrawn or depressed from the rear of member A, and without removal of the staff from the stone.

A check-screw, L, is employed to hold it in place when adjusted.

I claim—

1. In a millstone bosom-staff, the combination of the two members A and B, hinged together and vertically adjustable with respect to each other, and the guide-rod pivoted to member A at *b b*, and arranged to be lengthened and shortened by the telescoping of its parts C and D, substantially as and for the purposes set forth.

2. In a millstone bosom-staff, the combination of members A and B, hinged together and vertically adjustable with respect to each other, with the adjusting-screw K, extending through member A, and arranged to cause the outer end of member B to be raised or depressed by means of the point of the screw pressing upon the lower edge of its inner end, while the screw itself can be turned from the outer side of the member A, substantially as and for the purposes set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WILLIAM LEHMANN.

Witnesses:

E. H. BOTTUM,

CHARLES F. HUNTER.