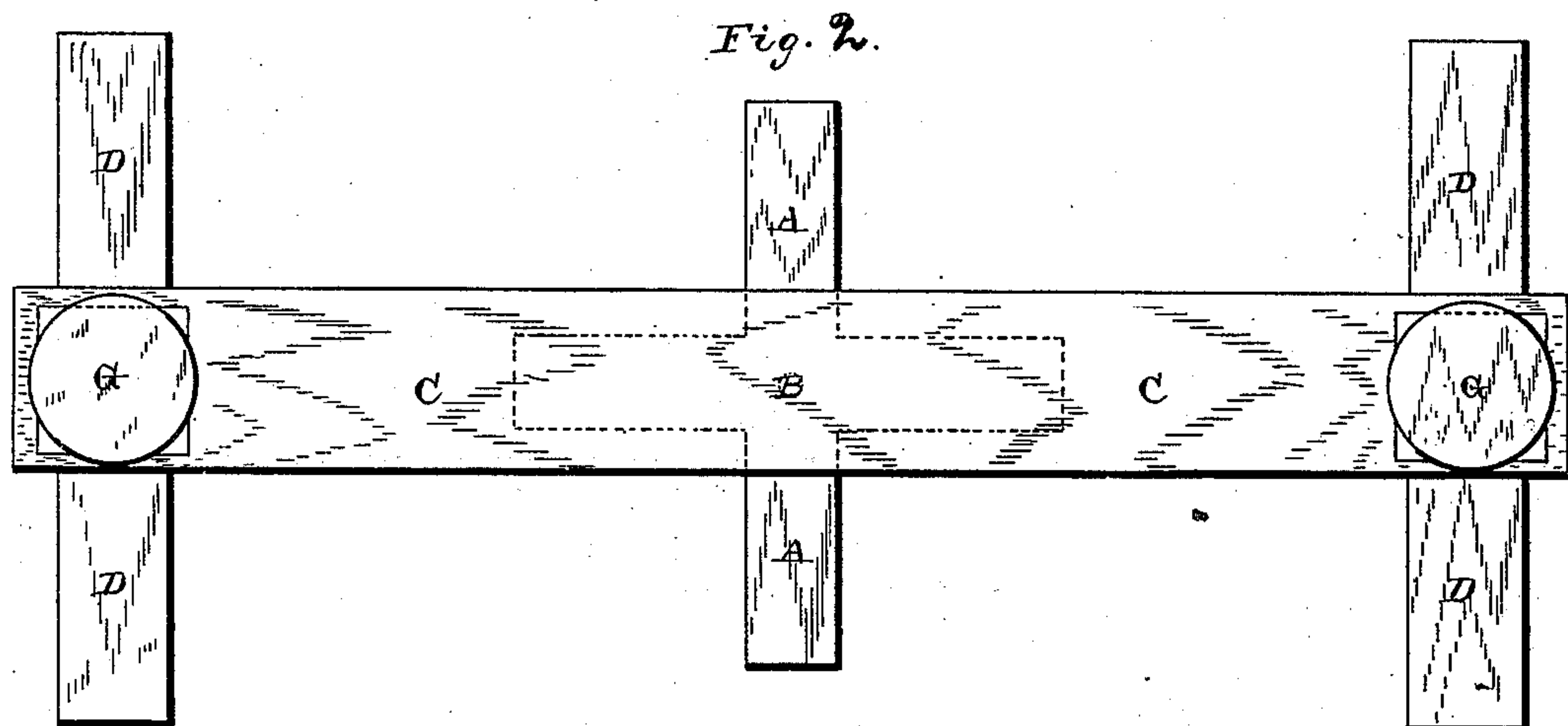
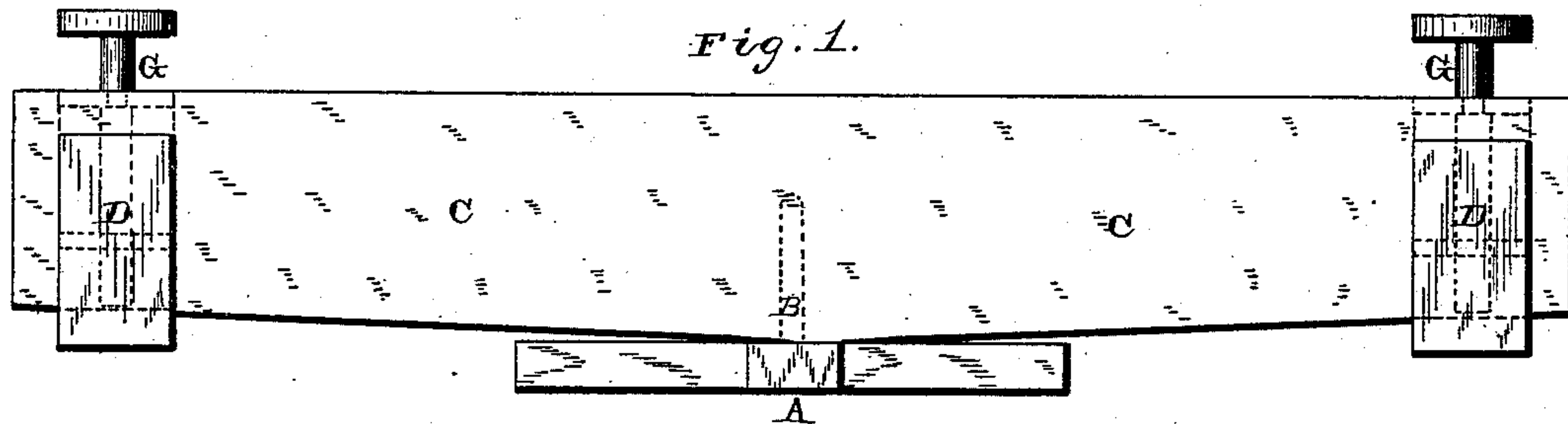


(Model.)

M. W. LEONHARDT.
MILLSTONE PAINT STAFF.

No. 273,555.

Patented Mar. 6, 1883.



Witnesses.

Louis F. Gardner
Western

Inventor.

M. W. Leonhardt,
per
F. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

MARTIN W. LEONHARDT, OF SEDALIA, MISSOURI.

MILLSTONE PAINT-STAFF.

SPECIFICATION forming part of Letters Patent No. 273,555, dated March 6, 1883.

Application filed September 22, 1882. (Model.)

To all whom it may concern:

Be it known that I, M. W. LEONHARDT, of Sedalia, in the county of Pettis and State of Missouri, have invented certain new and useful
5 Improvements in Staffs for Truing Millstones; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it,
10 reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in staffs for truing millstones; and it consists in the combination of a suitable support, which
15 is placed in the eye of the stone, and which is provided with a pivot upon which the staff turns, with the staff and the adjusting block or rest, which is attached to each end of the staff by means of a swiveled adjusting-screw,
20 as will be more fully described hereinafter.

Figure 1 is a side elevation of my invention. Fig. 2 is a plan view of the same.

A represents the rest or support which is to be placed in the eye of the stone, and which
25 has the pivot B formed upon its center. The staff C, having its under edge beveled away from its center toward each end, and having a hole in its center for the pivot to fit in, is placed upon the top of the support, as shown
30 in Fig. 1, and can be turned freely around over the top of the stone. The under side of this staff is beveled away at each end, as shown, so as to allow the operator to see freely under and around the blocks or cross-staffs in all di-
35 rections. These cross-staffs D are cut away at their centers to about half their depth, and the staff is also cut away where it fits over their tops to a corresponding distance. Through each end of the pivoted staff is passed
40 the swiveled adjusting-screw G, which passes down into the cross staff or block and serves to adjust the block vertically, and thus regulate the amount of bevel which is to be given to the stone.

In using my invention the rest or support 45 is placed in the eye of the stone, and this rest then forms the pivot upon which the staff is to be turned. The bevel on the lower edge of the staff, from the center toward each end, allows the staff to sink down in the eye of the stone about a quarter of an inch. The two
50 cross-staffs are then forced downward by the set-screws until the staff rests evenly upon these two cross-staffs alone, instead of upon the pivot. The pivot then serves only to re-
55 tain the staff in position. The under side of the staff is covered with red paint from the center out toward one end, and then the cross-staff upon the end that has been painted is drawn upward by its screw until it is just flush
60 with the bottom of the staff, and the staff is resting upon the bosom of the stone. When the staff is moved around the paint upon its lower edge will mark all the inequalities upon
65 the stone. After these inequalities have been cut away, the same end of the staff is again painted; but in order to make this same end rest evenly upon the stone where it has been
70 dressed away, it will be necessary to force the cross-staff downward at the other end, in order to make the staff come in contact with the dressed portion.

Having thus described my invention, I claim—

In a staff for truing millstones, the combi- 75 nation of the staff C with the blocks D, extending at an angle thereto, and a means for adjusting the block vertically, the parts being halved together, substantially as set forth.

In testimony whereof I affix my signature in 80 presence of two witnesses.

MARTIN WILLIAM LEONHARDT.

Witnesses:

PETER KOHN,
LEOPOLD E. FRIENAL.