

(No Model.)

W. H. HALL.
Clearing Device for Millstones.

No. 230,269.

Patented July 20, 1880.

Fig: 1.

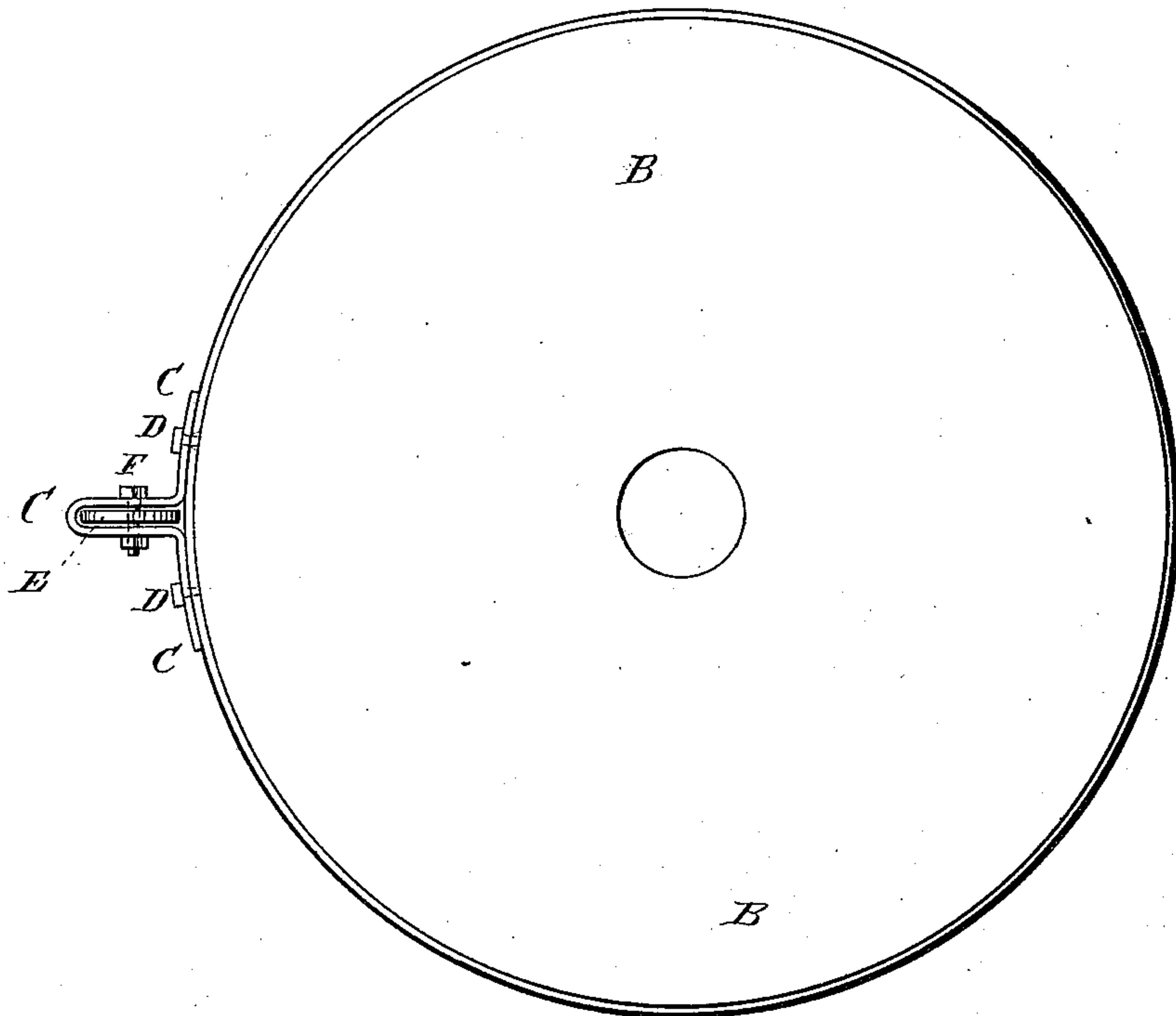
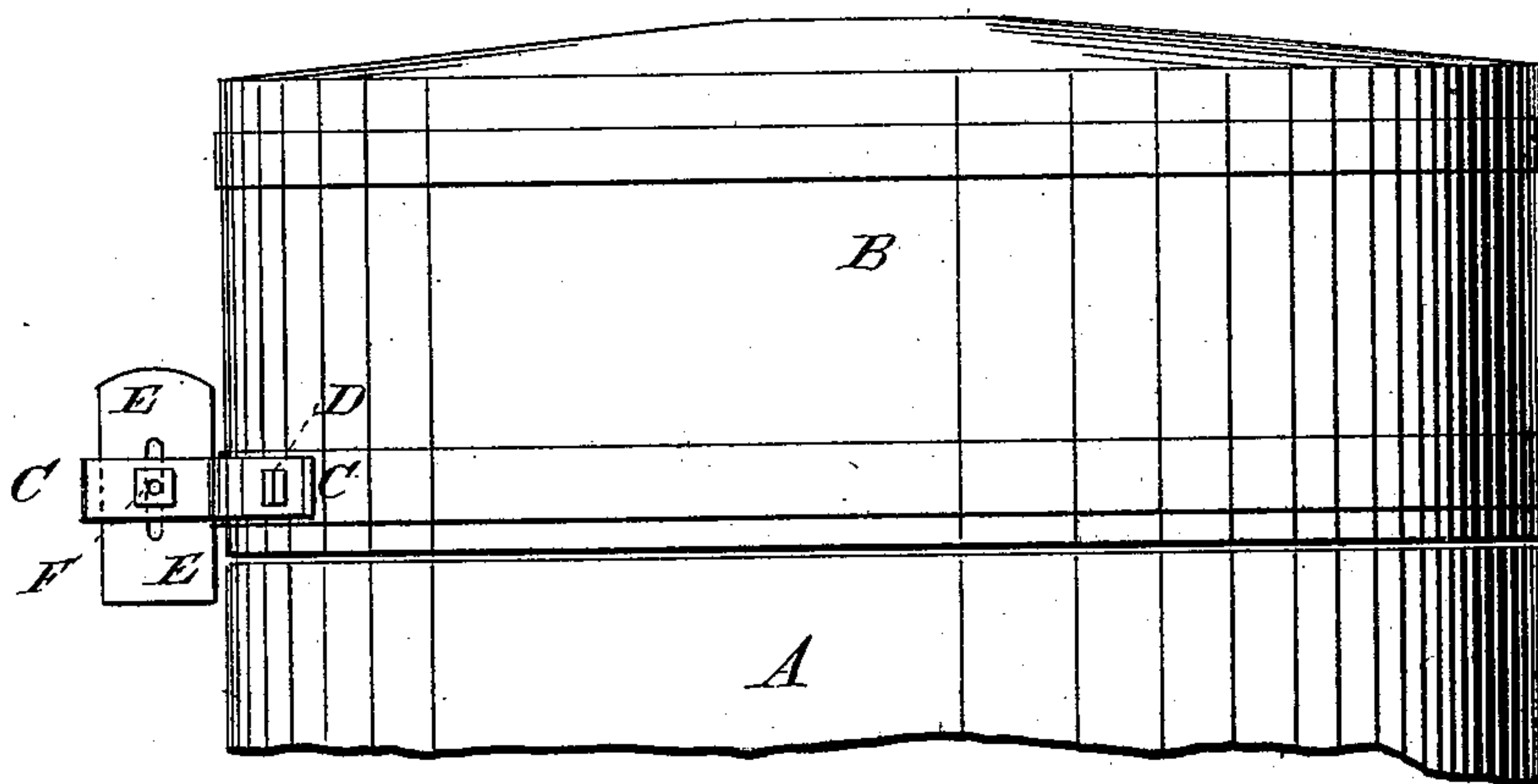


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM H. HALL, OF DE WITT, IOWA.

CLEARING DEVICE FOR MILLSTONES.

SPECIFICATION forming part of Letters Patent No. 230,269, dated July 20, 1880.

Application filed April 30, 1880. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HENRY HALL, of De Witt, in the county of Clinton and State of Iowa, have invented a new and useful Improvement in Millstone-Clearers, of which the following is a specification.

Figure 1 is a plan view of the improvement. Fig. 2 is a side elevation.

The object of this invention is to prevent the collection of the chop between the stones and the curb, and thus prevent the consequent glazing of the stones, rendering it unnecessary to dress the stones so frequently, and causing the stones to run with less resistance, and consequently requiring less power to drive them.

Similar letters of reference indicate corresponding parts.

A represents the bed-stone, and B the runner, of a pair of stones which are constructed, dressed, and driven in the usual manner. C is an iron bar, the middle part of which is bent into U or loop form. The end parts of the bar C are curved upon the arc of the circumference of the stone B, and are secured to the lower band of the stone B by bolts or rivets D, so that as the stone B wears the bar C will be adjusted with the band of the stone, and will thus be kept at the same distance from the face of the stone. In the loop of the bar C is placed a metal plate, E, which is slotted longitudinally to receive the bolt F, by which it is secured in place, so that the plate E can be

adjusted higher or lower by loosening the said bolt F.

The plate E is made of such a length that its lower end will overlap the skirt of the bed-stone A, as shown in Fig. 2, so that as the bar C and plate E are carried around by and with the runner B the chop will be cleared away as it escapes from between the stones A B, and will thus be kept from collecting between the stones and curb.

By keeping the chop cleared away the stones will be kept from glazing, so that they will do better and more work, and will not require to be re-dressed so frequently as stones used without the improvement.

I am aware that weights have been adjustably secured to the sides of a millstone by adjustable straps, and that scrapers have been attached to the side of the runner; but

What I claim is—

The bar C, secured to the lower band of runner B, having a median loop and provided with ends of arc form, in combination with the slotted plate E, adjustably held by bolt F, and overlapping at its lower end the side of bed-stone A, as and for the purpose specified.

WILLIAM HENRY HALL.

Witnesses:

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EDWIN WILLIAMS.