

D. SAVAGE & H. COLEMAN.
 Machine for Dressing Millstones.

No. 163,811.

Patented May 25, 1875.

Fig. 1.

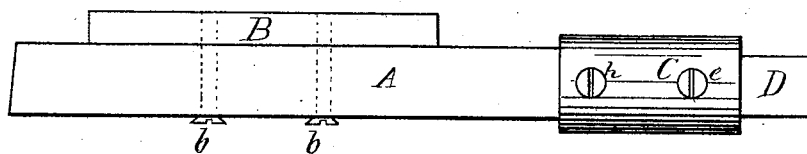
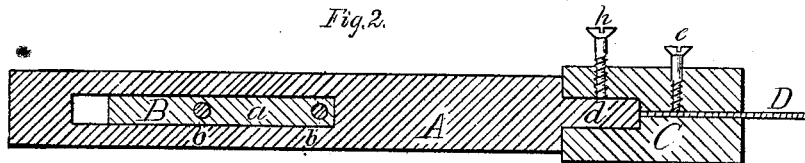


Fig. 2.



Witnesses;

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UNITED STATES PATENT OFFICE.

DAVID SAVAGE AND HIRAM COLEMAN, OF ORANGEVILLE, PENNSYLVANIA.

IMPROVEMENT IN MACHINES FOR DRESSING MILLSTONES.

Specification forming part of Letters Patent No. **163,811**, dated May 25, 1875; application filed September 28, 1874.

To all whom it may concern :

Be it known that we, DAVID SAVAGE and HIRAM COLEMAN, of Orangeville, county of Columbia and State of Pennsylvania, have invented certain new and useful Improvements in Machine for Dressing Millstones, of which the following is a specification :

Our invention is intended as an improvement upon the Letters Patent No. 141,392, dated July 29, 1873, and relates to the pick-bar and pick.

The nature of our invention consists in constructing the mill-pick bar in two parts, and connecting said parts adjustably, so that the pick-bar can be lengthened and shortened, as desired. It also consists in attaching the pick to the pick-bar by the introduction of a swivel, so that the pick may be turned in any way desired.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, which forms a part of this specification, and in which—

Figure 1 is a side elevation of our improved mill-pick bar, and Fig. 2 is a longitudinal section of the same.

The mill-pick bar proper is made in two parts, A and B, the lower part A being provided with a longitudinal slot, *a*, of suitable length, through which are passed screws *b b* into the upper part B, thereby uniting said parts firmly together.

By this means the pick-bar may be lengthened or shortened, as may be required. It is, of course, evident, that the slot *a* may be in either part of the pick-bar; hence we do not confine ourselves to having the slot in the lower bar, as above described.

The lower end of the bar A is formed with a round tenon, *d*, which is inserted in the upper end of a holder, C, in the lower end of which the pick D is inserted, and fastened by a set-screw, *e*, or other suitable means. The pick-holder C is fastened to the tenon *d* by a set-screw, *h*. This forms a swivel between the pick and pick-bar, so that the pick may be turned in any direction desired and at any angle, and be held firmly when set as required.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A mill-pick bar made in two parts, A and B, and adjustably connected together by means of a slot, *a*, and set-screws, *b*, substantially as and for the purposes herein set forth.

2. The swiveled holder C, introduced between the pick D and pick-bar A B, substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing as our own we hereunto affix our signatures this 19th day of September, 1874.

DAVID SAVAGE.
HIRAM COLEMAN.

Witnesses:

HERVEY E. SMITH,
JAMES B. HANNAN.