

J. McCONNELL.

Grist Mill.

No. 5,074.

Patented April 17, 1847.

Fig. 1.

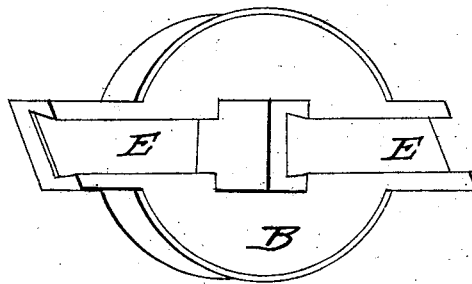


Fig. 2

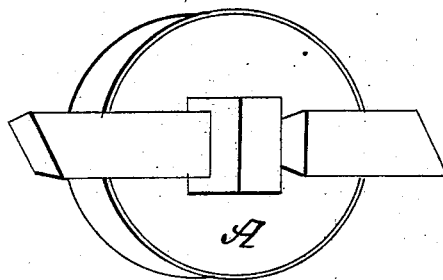
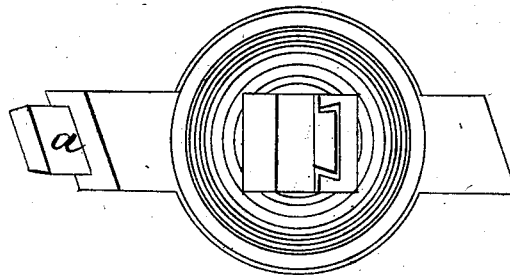


Fig. 3



UNITED STATES PATENT OFFICE.

JOSEPH McCONNELL, OF NEW BRIGHTON, PENNSYLVANIA.

DRIVER FOR MILL-SPINDLES.

Specification of Letters Patent No. 5,074, dated April 17, 1847.

To all whom it may concern:

Be it known that I, JOSEPH McCONNELL, of New Brighton, in the county of Beaver and State of Pennsylvania, have invented
5 a new and Improved Instrument, usually called a "Driver," for Driving Millstones; and I do hereby declare that the following is a full and exact description.

To enable others skilled in the art to make
10 and use my invention I will proceed to describe its construction and operation.

I construct my mill spindle and mill stone in the usual forms, but in order to obviate the difficulty of fitting the common driver
15 so as to hold the face of the upper stone perfectly parallel to the bed stone and also to avoid the necessity arising from the usual mode of constructing drivers, of always keeping the spindle exactly perpendicular
20 with the face of the bed stone.

I construct my driver of cast or wrought iron in two pieces, one of which marked A, in the annexed drawings is well fitted to that part of spindle usually called "cock-
25 head" immediately above the collar to which

is attached by a sliding dovetail a second piece of metal marked B, in the annexed drawings which is so constructed as to slide freely endwise without being attached to or obstructed in its motion endwise by the
30 "cock head." My second piece marked B, extends across the eyes of the stone but instead of driving by its parallel sides like the common driver it drives by its mitered ends.

What I claim as my invention and desire to secure by Letters Patent is—

The construction of a driver made in two pieces attached to each other by a sliding dovetail or feather, which while one piece is
40 firmly attached to the spindle the other is so constructed as to slide freely endwise so as to allow the top stone to keep its parallel with the bed stone whether the spindle is perpendicular with the same or not.

JOSEPH McCONNELL.

Witnesses:

JOSEPH R. MARTIN,
DAVID McCONNELL.