PATENTED JUNE 4, 1832.

7103X

A. BACON.

MILL.

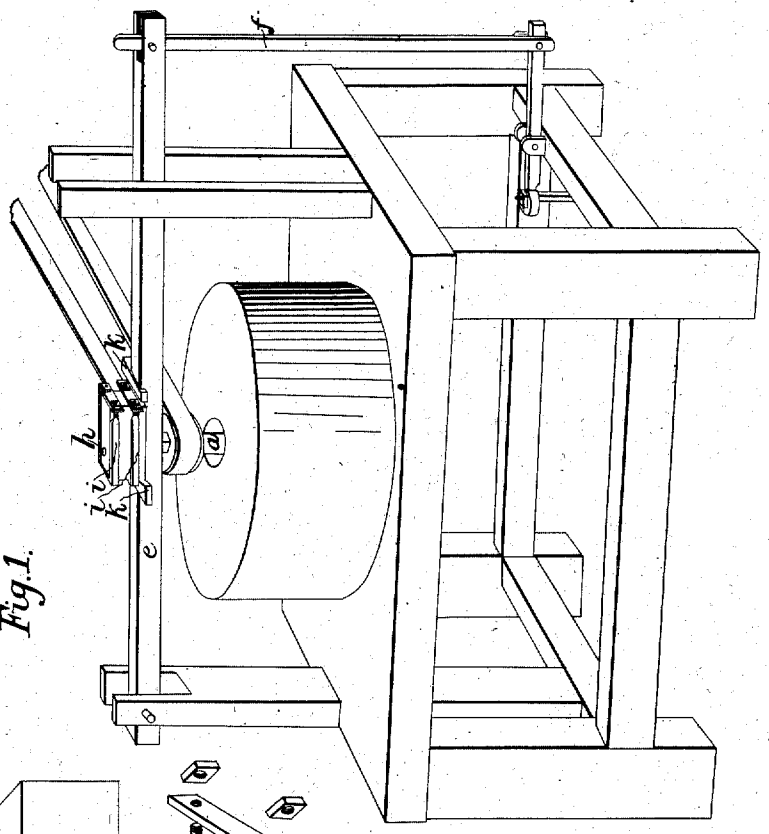


Fig. 1.

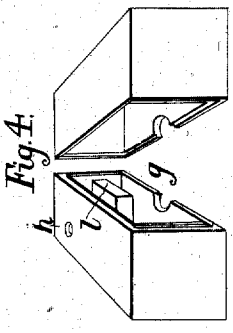


Fig. 4.

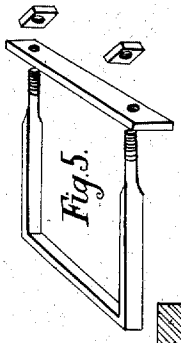


Fig. 5.

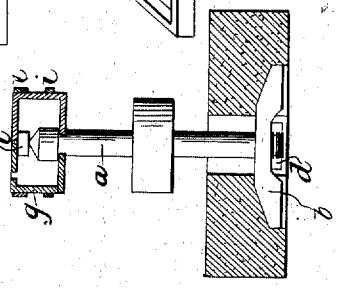


Fig. 2.

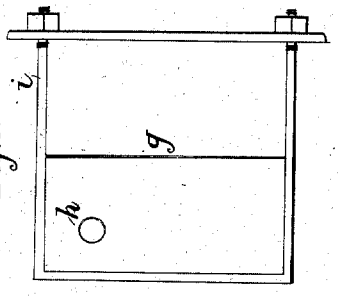


Fig. 3.

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Asahel Bacon

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Asahel Bacon himself of his improvement in Mills for grinding grain

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Be it known that I Asahel Bacon of Windsor Broome County State of New York have made an improvement in Mills for grinding grain which is described as follows. The frame the Stones the Hopper and shoe are the same as in other mills. The improvement consists in suspending the upper stone or runner from an iron rod containing oil on the top of the Spindle & in placing the bridge tree above the stones. The Spindle passes thro' the rind or driver & is fastened by a screw & nut below by which means the stone or runner is suspended from the bridge tree & properly balanced. The bridge tree is placed above the stones & raised or lowered by a screw placed on the frame. A box made of iron is placed on the Spindle & a cavity is made in the lower part of it to admit the head of the Spindle. This is effected by making the bottom of the box in two parts and leaving a round opening in the parts for the Spindle and then bringing the parts together below the head of the Spindle & uniting them by screws & staples of iron thus forming the box or oil pot. An opening is made in the top to pour in oil and a key is put inside of the oil pot against which the head of the Spindle turns. The box is secured in the bridge tree by dove tail mortise and keys. The invention here claimed and desired to be secured by Letters Patent is the mode of suspending the runner or upper stone from the box or oil pot formed on the top of the Spindle secured to the bridge tree above the stones and passing the Spindle thro' the driver secured below by a screw and nut. For a further illustration of my invention I refer to the model and drawings of the same deposited in the Patent Office. In witness whereof I have hereunto subscribed my name this 31st day of May 1832.

Witnesses
Wm P. Elliot
Wm C. Conrad

Asahel Bacon

Ch[illegible]
Ch[illegible]

405 [illegible]