

Fig. 1.

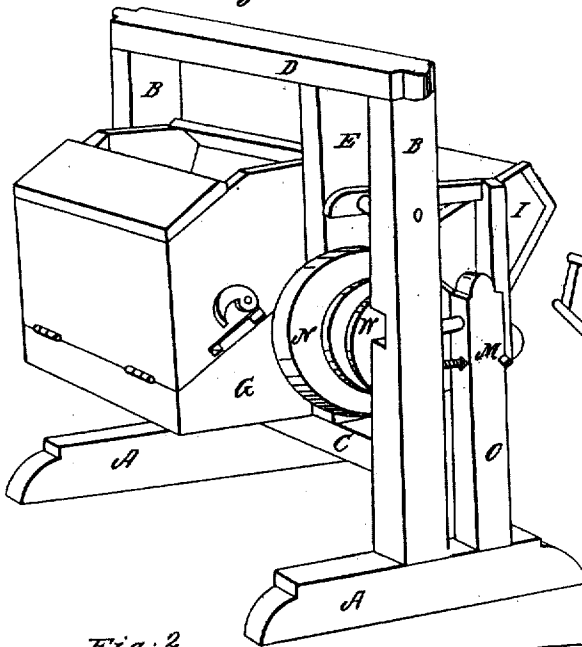


Fig. 3.

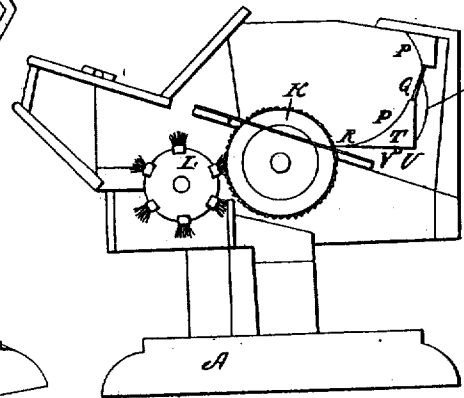


Fig. 2.

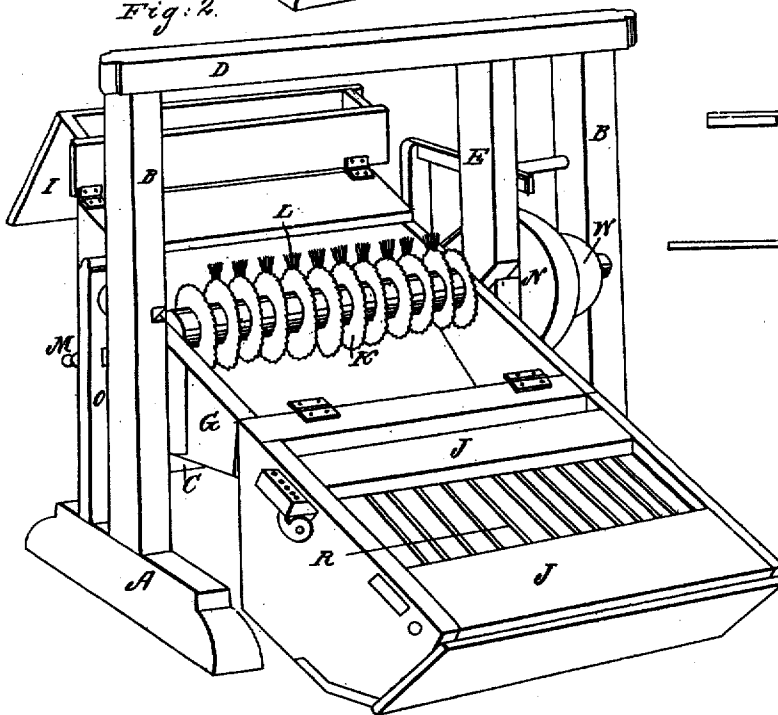
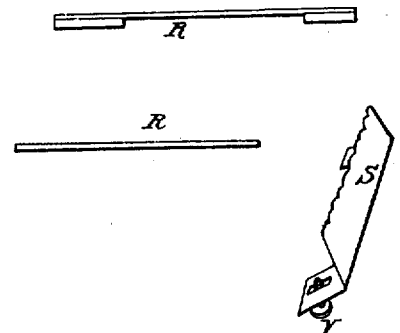


Fig. 4.



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July 2, 1836

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James M^c Bright
Spinner Patent

The solicitor referred to in this Spinning Patent, and making part of the same, containing a description in the name of the said James M^c Bright, himself of his improvement in the Process of Spinning Yarn

To all whom it may concern

Be it known that I James M^c Bright of the town of Townsend District of Fairfield in the State of South Carolina have invented certain new and useful improvements in the Cotton Spinning Machine "M^c Bright's Process of Cotton Spin." which are described as follows, reference being had to the annexed drawings of the same making part of this specification. The frame of the covered gear consists of two side rails (marked A in the annexed drawings) 8 feet 9 inches long of scantling 4 inches by 4 placed on their edge with a mortise through the center of each to receive two main posts marked B 3 feet 3 inches long of scantling 4 inches by 4 with a mortise one foot along the top of the side rails to receive a rail the length of the frame of scantling 4 inches by 4 marked C. Inserted at the top to receive a cap marked D of scantling 4 inches by 4. The end posts are mortised to receive the mortise marked E. The posts to carry the bobbins are marked F and G and the side rails at one end two inches in rear of the main posts and a screw bolt at the other end. The posts are 3 feet 4 inches above the side rails of scantling 4 by 4 inches. The frame at the ends of the bobbins marked H forms a box around the bobbins and for the falling beam to rest on. The falling beam is composed of two pieces of 1/2 inch plank worked out to the segment of a circle the lower edge fitted on the side the upper edge having wires inserted into it about one inch apart. The narrow piece of the falling beam is let down on the wires until it comes within 3 inches of the other piece both being made fast. The comb is made of sheet iron or steel 3/4 inches broad with notches opposite the wires, fastened on a board and standing nearly perpendicular working on an oval pin with a screw below to put the comb to or from the side of the funnel turning on hinges. A movable board to which the side rails are fastened. H. side of bobbins. M. regulating screw and top of the bobbins.

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false seed, more, much loss and other little gets out with the seed and no good cotton is lost in any way; while in the common gin much cotton is lost and lost and comparatively imperfectly cleaned from the seeds & other matter, which losses are entirely removed by the improvements now made in the cotton gin

Whitings

James Cathcart

W. H. McCreight

Jas. McCreight

Drawing

Ex. &
off.

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