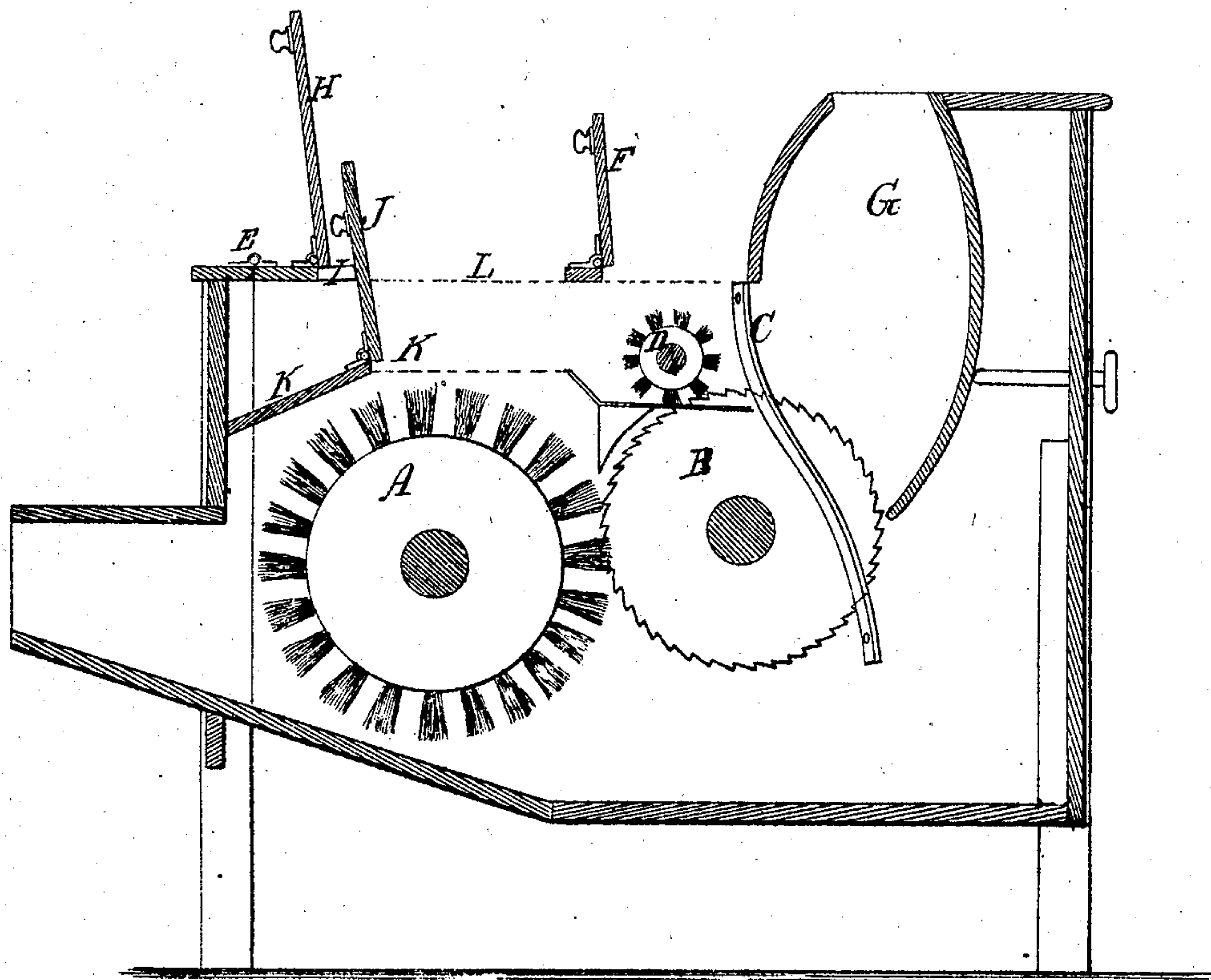


John DuBois
Cotton Gun.

117058

PATENTED JUL 18 1871



Witnesses.
A. Ruppert.
Henry Cox

Inventor.
John Du Bois
by Theodore Mungen.
his Attorney.

UNITED STATES PATENT OFFICE.

JOHN DU BOIS, OF GREENSBOROUGH, ALABAMA.

IMPROVEMENT IN COTTON-GINS.

Specification forming part of Letters Patent No. 117,058, dated July 18, 1871.

To all whom it may concern:

Be it known that I, JOHN DU BOIS, of Greensborough, in the county of Hale and State of Alabama, have invented certain new and useful Improvements in a Cotton-Gin patented by me January 8, 1850; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making part of this specification, in which the figure is an end elevation of a gin having my improvements thereon.

This invention relates to an improvement in cotton-gins having an upper apartment where notes are taken out above the brush; and consists of two doors, one above the other, which, when open, expose the top of the brush; the object of the improvement being to obviate the necessity of raising the whole top of the gin, with all its appendages, to clean the brush and remove obstructions.

In the drawing, A is the brush; B, the saw; C, the rib; D, the fan or screw for removing the notes from the teeth of the saws; and E is one of the hinges on which the whole top turns when raised in the original gin to get at the brush A for cleaning it. F is the narrow door in the original gin, patented by me in 1850, to allow the

notes to be pushed to the back part of the gin. G is the roll-box. H is a door in the top I of the gin. J is a door in the partition K of the gin, the partition K being shown by dotted lines. The top I is, in part, shown by dotted lines L. The doors H and J obviate the necessity of raising the top I to clean the brush A or remove obstructions, for by opening doors H and J these objects can be accomplished. It only becomes necessary to raise the top I now when the brush A needs to be taken out and repaired.

I do not claim any improvement in either brush, saws, ribs, fan or screw, or roll-box.

What I do claim as my improvement, and desire to secure by Letters Patent, is—

In a cotton-gin, the doors H and J, arranged relatively to each other and to the brush A, as described, for the uses and purposes hereinbefore set forth.

In testimony that I claim the foregoing improvement in my cotton-gin patented as aforesaid I have hereunto set my hand and seal this 22d day of May, 1871.

JOHN DU BOIS. [L. S.]

Witnesses:

J. M. ALBERTSON,
N. G. RICHARDS.