

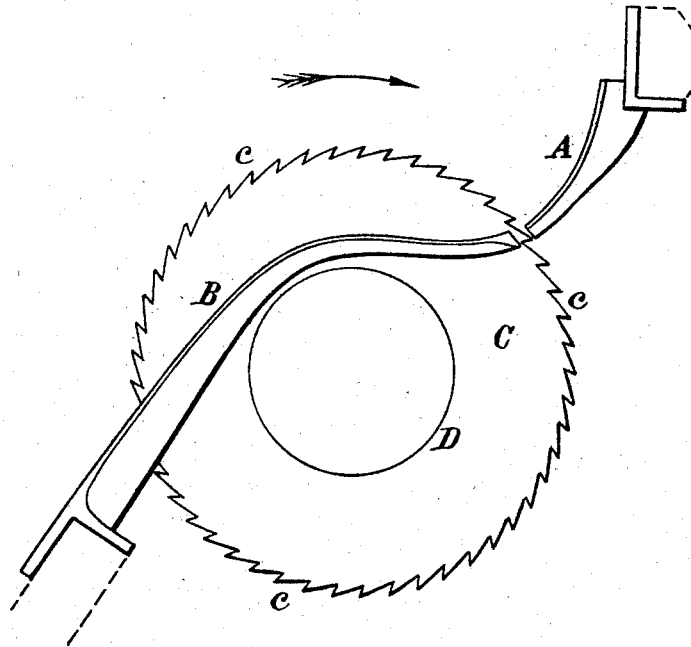
(No Model.)

R. W. BASOM.

COTTON GIN.

No. 263,099.

Patented Aug. 22, 1882.



Witnesses :

G. B. Towles.

W. R. Burris.

Inventor :

R. W. Basom

by J. T. Kellogg  
Attorney

# UNITED STATES PATENT OFFICE.

RANSFORD W. BASOM, OF LONGVIEW, TEXAS.

## COTTON-GIN.

SPECIFICATION forming part of Letters Patent No. 263,099, dated August 22, 1882.

Application filed November 23, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, RANSFORD W. BASOM, a citizen of the United States of America, residing at Longview, in the county of Gregg and State of Texas, have invented certain new and useful Improvements in Cotton-Gins; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention relates to cotton-gins; and it consists in an improvement in the construction of the gin-ribs used in such machines in connection with the gin-saws, the ribs being each made in two parts and so set that the teeth of the gin-saws, as they move forward, pass the openings or divisions in the ribs, as and for the purpose hereinafter set forth.

The accompanying drawing shows in side view one of the gin-ribs in its relative position with one of the gin-saws.

As shown in the drawing, each of the ribs is made in two parts, the upper section being indicated by A and the lower section by B. These are so set that the division or opening thus

formed in each rib is about on a horizontal line with the teeth of the gin-saws when they pass between the ribs in moving forward, the lower end of the section A being very near a level with the point of the tooth, or just high enough to clear the point, and the lower section, B, being set so that its upper extremity is at or very near the same level with the root of the tooth.

C indicates a gin-saw having teeth *c* and collar D, the direction of movement being indicated by an arrow.

In case the cotton-lint is, during operation, caught by the teeth of two saws, the opening between the sections allows it to pass through without being broken.

I claim—

In a cotton-gin, the combination of the saws with the ribs constructed each in two parts, leaving openings in the ribs, such openings being on a horizontal line with the teeth of the gin-saws as they pass forward between the ribs, as herein set forth and described.

In testimony whereof I have affixed my signature in presence of two witnesses.

RANSFORD W. BASOM.

Witnesses:

SAM CUNDIFF,  
R. D. WELBORNE.