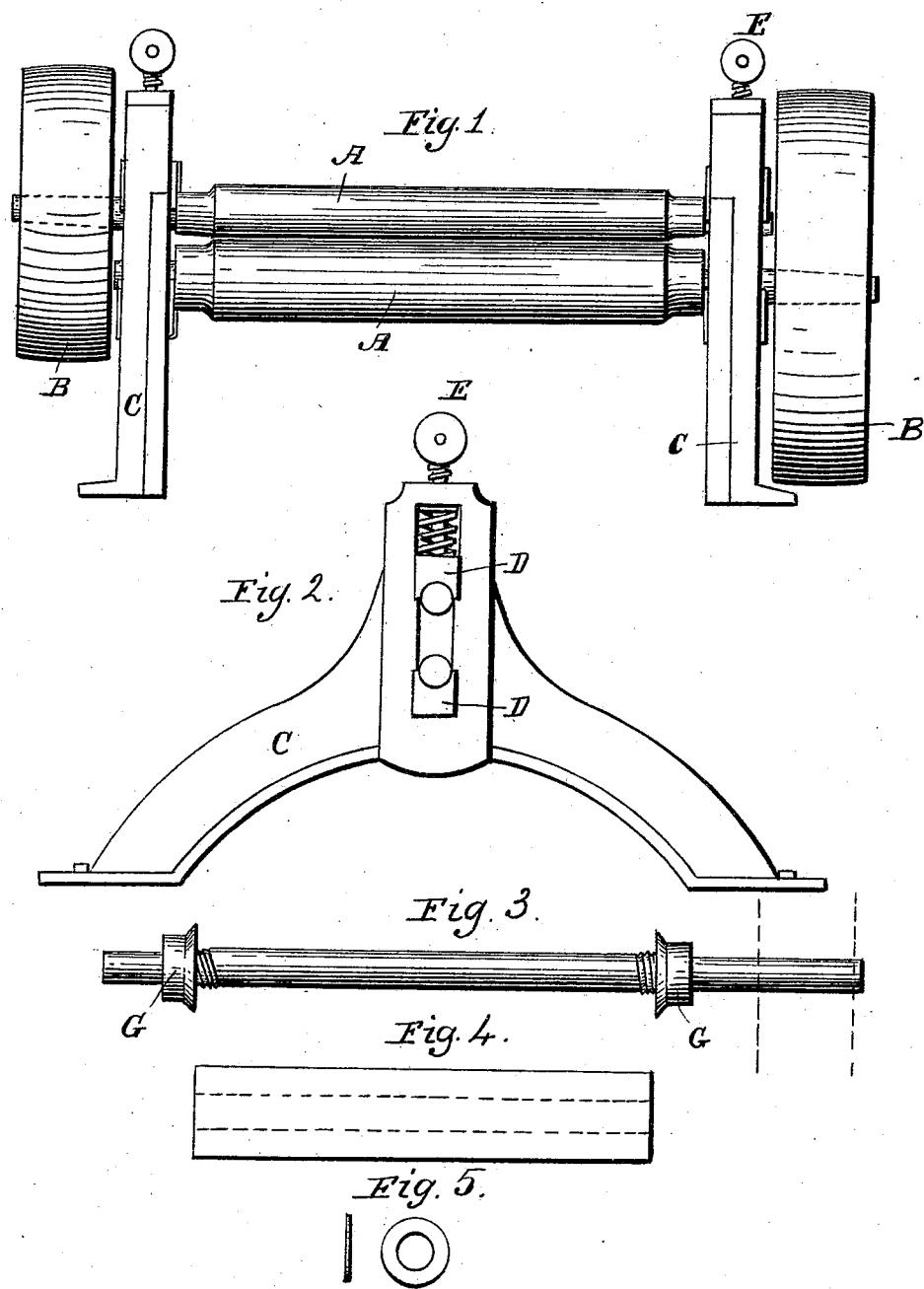


L. H. MOSELEY.

Cotton Gin.

No. 486.

Patented Nov. 25, 1837.



# UNITED STATES PATENT OFFICE.

LUCILIUS H. MOSELEY, OF POUGHKEEPSIE, NEW YORK.

## IMPROVEMENT IN MACHINES FOR GINNING COTTON.

Specification forming part of Letters Patent No. 486, dated November 25, 1837.

*To all whom it may concern:*

Be it known that I, LUCILIUS H. MOSELEY, of Poughkeepsie, in the county of Dutchess and State of New York, have invented a new and useful Improvement in the Machine for Ginning Cotton; and I do hereby declare that the following is a full and exact description.

Figure 1 in the accompanying drawings is a view of the rollers, pulleys, and stands. A A are the two horizontal rollers, the top roller being formed in the following manner: The shaft is formed with two nuts, G G, Fig. 3. On the shaft is affixed layers of paper, formed as shown at Fig. 5, the whole space between the nuts G G being filled up with paper and compressed together by set-nuts, thereby forming a hard and durable surface. The bottom roller, Fig. 1, is formed in like manner as the top roller, except in the lieu of the paper I use stone or burned clay, (having the properties of hard earthen,) being made in the form of a cylinder, as shown in Fig. 4, which is fitted on the shaft between the nuts G G. Other substances similar may be substituted for making the

rollers. The rollers may be made to revolve by means of pulleys B B, or in any other convenient way. They are supported in their position by stands C C C, having boxes D D fitted therein, the upper boxes being at liberty to rise and fall in the grooves of stands C C C, a spiral spring, F, being placed within the stand resting on the upper box, which is compressed more or less by screw E E, which produces any degree of pressure desired upon the rollers when the cotton is passing through. Other kinds of screws or weights may be used to compress the rollers.

Fig. 2 is an end view of stand, showing the boxes D D, the end of rollers A A, the spiral spring F, and the screw E E.

What I claim as new, and desire to secure by Letters Patent, is—

The application of paper, stone, and burned clay for the rollers.

LUCILIUS H. MOSELEY.

Witnesses:

JAMES P. BLAKE,  
JOHN H. BROWN.