

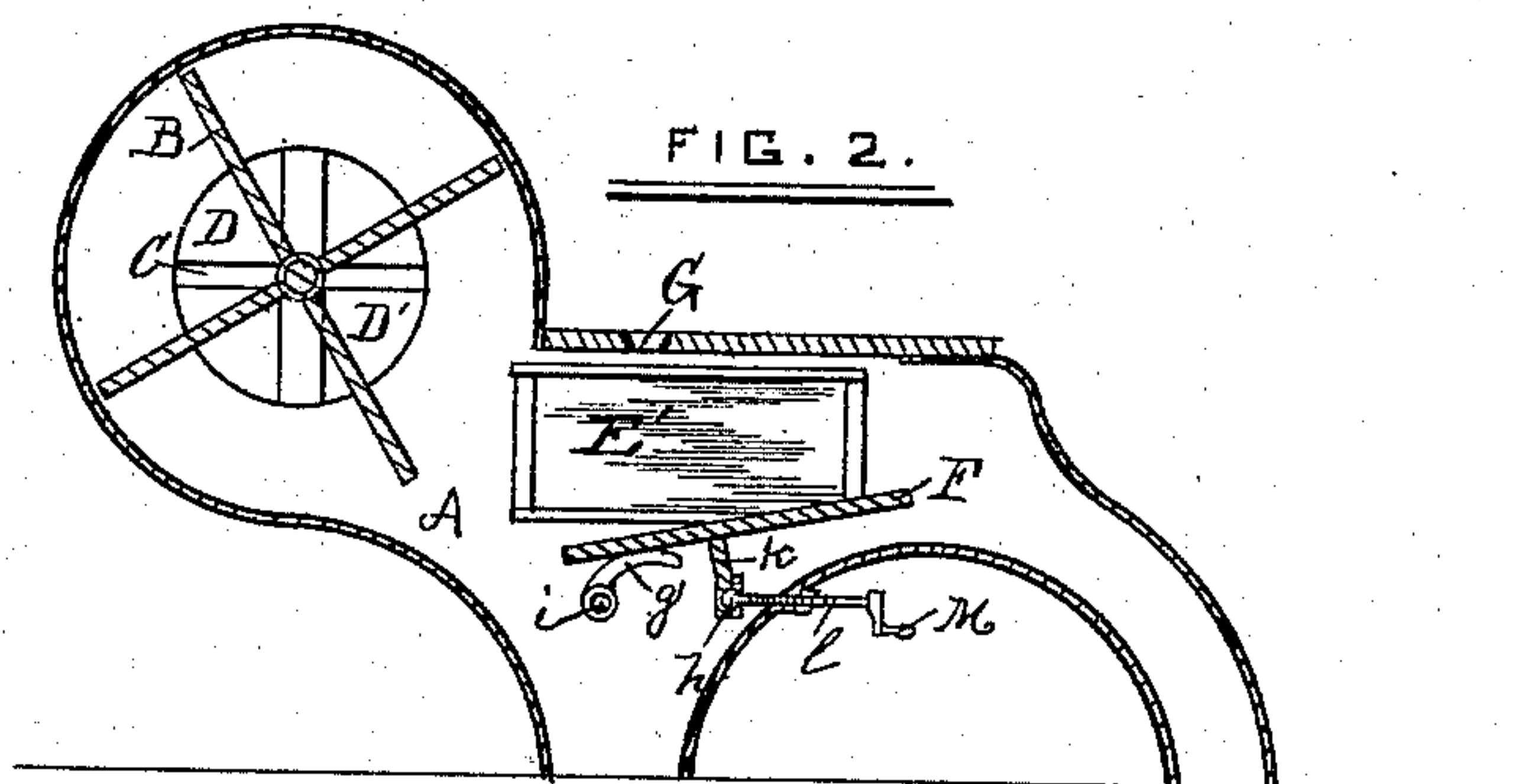
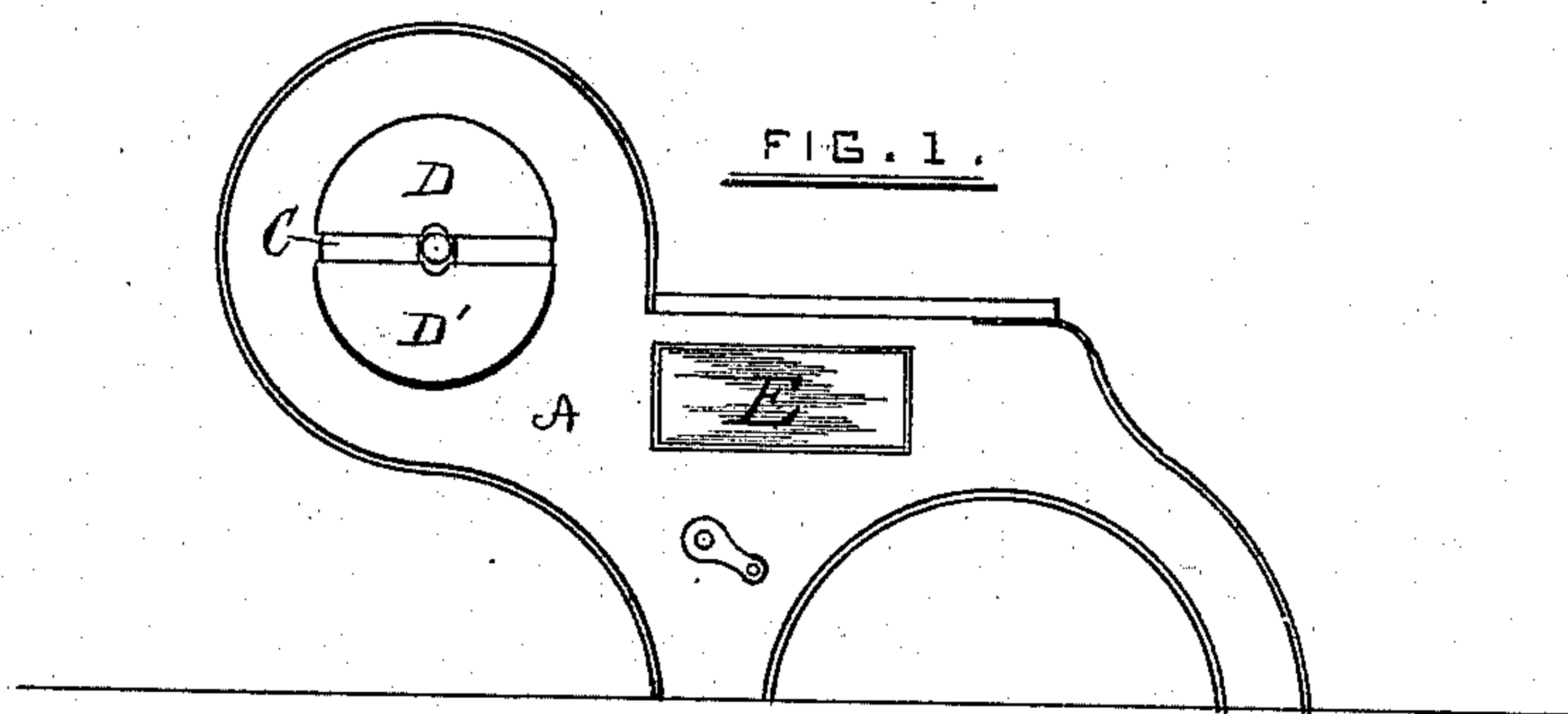
(No Model.)

M. L. FLOWERS & D. TALMAGE.

FANNING MACHINE.

No. 252,367.

Patented Jan. 17, 1882.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

MARTIN L. FLOWERS AND DAVID TALMAGE, OF NEW ORLEANS, LA.

## FANNING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 252,367, dated January 17, 1882.

Application filed October 11, 1880. (No model.)

*To all whom it may concern:*

Be it known that we, MARTIN L. FLOWERS and DAVID TALMAGE, residents of the city of New Orleans, parish of Orleans, and State of Louisiana, have invented a certain new and useful Improvement in Fanning-Machines; and we do hereby declare the following to be a full, clear, and correct description of the same, reference being had to the annexed drawings, making a part of this specification.

This invention relates to that class of fanning-machines which are employed for the purpose of removing chaff, &c., from thrashed grain.

Our improvements consist in the novel combination of parts, as will be hereinafter more fully described and specifically claimed.

Figure 1 represents a side elevation, and Fig. 2 a vertical longitudinal section, thereof.

A is the casing; B, an ordinary fan; C, the usual openings at the sides for the admission of air, and D D' the doors whereby the quantity of air admitted is regulated.

E E' are the side windows for witnessing the operation, and F the tail-board upon which the grain falls through an opening, G. The aforesaid tail-board is preferably made of glass, inasmuch as its smooth polished surface prevents the adhering thereto of any matter whatsoever, the grain rolling down the same more readily, and the current of air created by the fan causing the chaff, &c., to be more readily dislodged and carried forward to the discharge end of the machine.

A cam, *g*, keyed to a shaft, *i*, is employed

for raising or lowering the forward end of the tail-board. The under side of the tail-board is provided with a lug, *k*, in the lower end of which is fitted the ball-joint *h* of a stem, *l*, the latter screwed into the under portion of the machine, and operated by means of an adjustable handle, *M*, as seen in Fig. 2 of the drawings. These means are for adjusting the tail-board F longitudinally within the case, so as to accommodate the same to the feed of heavy or light grain. For light grain the tail-board is adjusted nearer the discharge end for the tailings, and for heavy grain the board is adjusted in the opposite direction.

The inclination of the tail-board F is regulated and controlled by the cam.

Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a fanning-machine, the combination of the tail-board and the adjusting means, consisting of the lug *k*, ball-joint *h*, and adjusting-screw, for the purpose stated.

2. In a fanning-machine, the combination of the tail-board F, cam *g*, lug *k*, ball-joint *h*, rod *l*, and handle *M*, substantially as described, and for the purposes set forth.

In testimony whereof we have hereunto signed our names.

MARTIN L. FLOWERS.  
DAVID TALMAGE.

In presence of—

J. C. HUBBELL,  
P. J. FINNEY.