No. 656,337. Patented Aug. 21, 1900.

N. BAUGHMAN.

MOWING MACHINE SEAT.

(No Model.) (Application filed Oct. 9, 1899.)

Fig. 1.

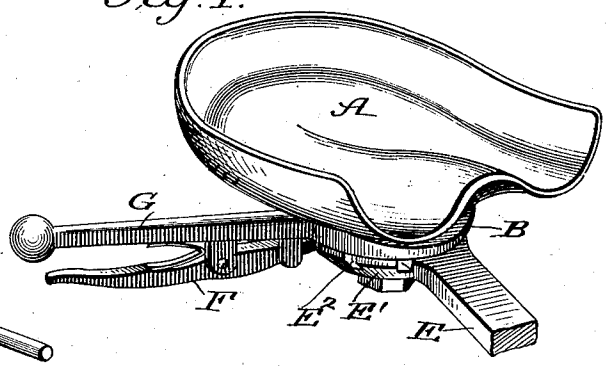


Fig. 8.

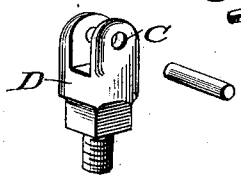


Fig. 2.

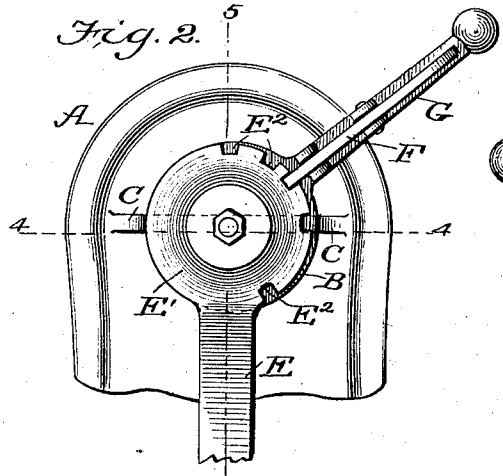


Fig. 3.

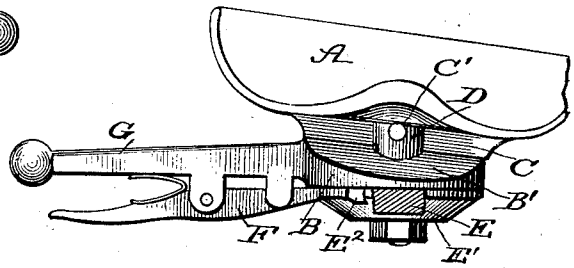


Fig. 4.

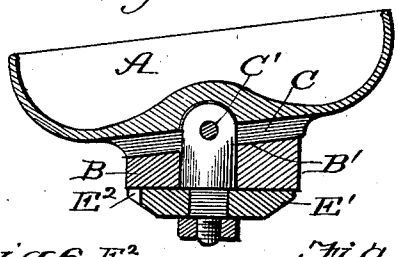


Fig. 5.

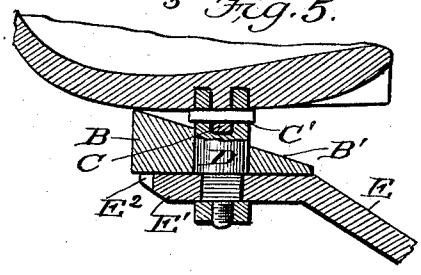


Fig. 6.

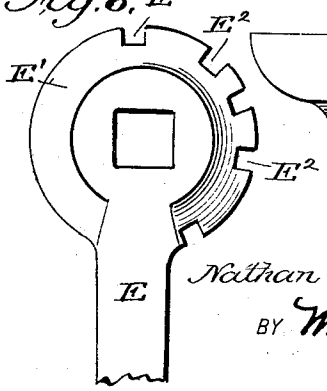
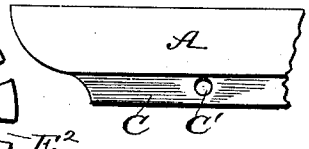


Fig. 7.



WITNESSES:
Jos. A. Ryan
Percy B. Turpin.

INVENTOR
Nathan Baughman
BY Munn & Co.
ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

NATHAN BAUGHMAN, OF HAMMERSLEY FORK, PENNSYLVANIA.

MOWING-MACHINE SEAT.

SPECIFICATION forming part of Letters Patent No. 656,337, dated August 21, 1900.

Application filed October 9, 1899. Serial No. 733,058. (No model.)

To all whom it may concern:

Be it known that I, NATHAN BAUGHMAN, a resident of Hammersley Fork, in the county of Clinton and State of Pennsylvania, have invented a new and useful Improvement in Mowing-Machine Seats, of which the following is a specification.

My invention is an improvement in seats for mowing-machines and the like wherein it is desirable to readily adjust the seat or rock it from side to side in order to secure the desired level position of the seat when operating on hillsides or other inclines; and the invention consists in certain novel constructions and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a seat embodying my invention. Fig. 2 is a bottom plan view thereof. Fig. 3 is a front view of the seat. Fig. 4 is a vertical cross-section on about line 4 4 of Fig. 2. Fig. 5 is a vertical longitudinal section on about line 5 5 of Fig. 2. Fig. 6 is a detail view of the combined supporting bar and rack. Fig. 7 is a detail viw of the seat proper, and Fig. 8 is a detail view of the pivot-post for the seat.

In carrying out my invention I support the seat A so it can rock from side to side and arrange beneath it the cam B, which is movable horizontally and extends on opposite sides of the center of movement of the seat, so the horizontal movement of the cam will by its inclined surface B′ operate to tilt the seat A in one direction or the other to secure the desired level position of the seat. The arrangement of the cam to operate horizontally and on opposite sides of the pivotal center of the seat is important, as if by any accident the detent devices should not operate properly there is no danger of the seat swinging down so abruptly on one side or the other as to throw the driver from his place.

In the specific construction shown the seat A is provided on its under side with the depending transversely-extending rib C, which is pivoted at its center C′ to the upper end of the pivot-post D, so the seat A can rock from side to side. The post D is mounted on the supporting-bar E, which is shaped at its upper end E′ to form the detent by providing such end with the edge notches E^2 to receive the pawl F, which is carried by the lever G, which is extended from the disk forming the cam B. This cam B is pivoted upon the post D and encircles such post, with its inclined or cam surface B′ on all sides of such post and in engagement with the transverse rib C of the seat A, as shown in Figs. 3 and 4. The lever G extends to one side of the seat and can be readily grasped by the occupant of such seat, who can first release the pawl F from engagement with the notches E^2, swing the cam to adjust the seat A to the desired position, and then release the pawl F to lock the seat securely in such position.

It will be noticed that the construction is simple, compactly arranged, easily operated, avoids all danger to the occupant of the seat, and may be readily applied to new machines or those already in use.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of the seat pivotally supported so it can be rocked from side to side and provided with a depending transverse rib or bearing extending on both sides of its pivot, and a horizontally-movable cam engaging said rib or bearing on opposite sides of the pivot of the seat, and operating and detent devices, substantially as set forth.

2. The improved seat herein described comprising the seat proper pivoted on an axis extending from front to rear and having a transverse bearing extending at right angles to said axis, and the cam extending on opposite sides of the pivot of the seat and engaging the transverse bearing whereby the cam may rock the seat from side to side but will not tilt it from front to rear.

NATHAN BAUGHMAN.

Witnesses:
BELLE FISH,
MRS. E. B. PROCTOR.