

(No Model.)

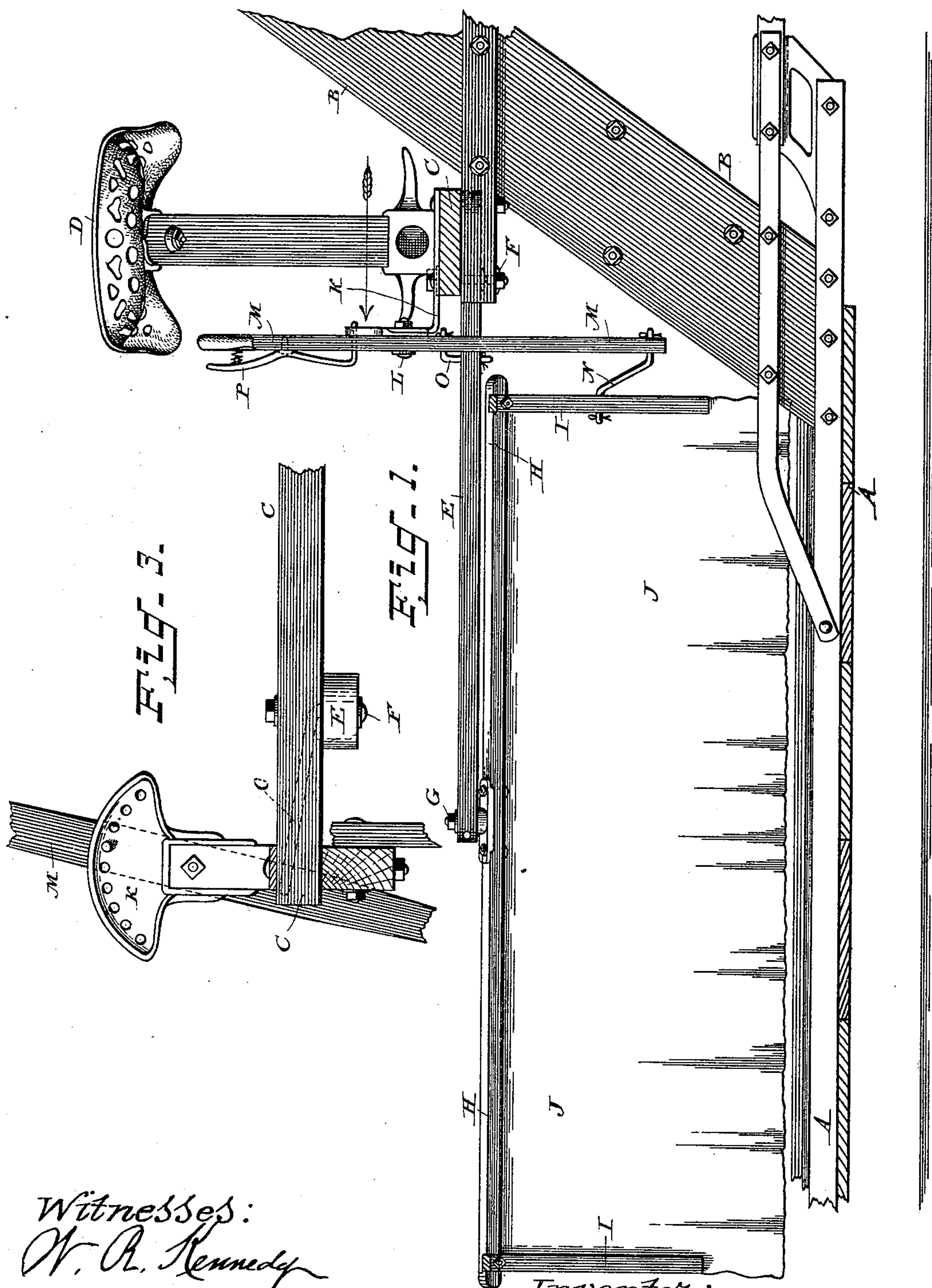
3 Sheets—Sheet 1.

H. J. CASE.

ADJUSTABLE WIND BOARD FOR HARVESTERS.

No. 386,803.

Patented July 31, 1888.



Witnesses:
W. R. Kennedy
F. T. Chapman

Inventor:
H. J. Case.
By Attorney, Philip T. Dodge

(No Model.)

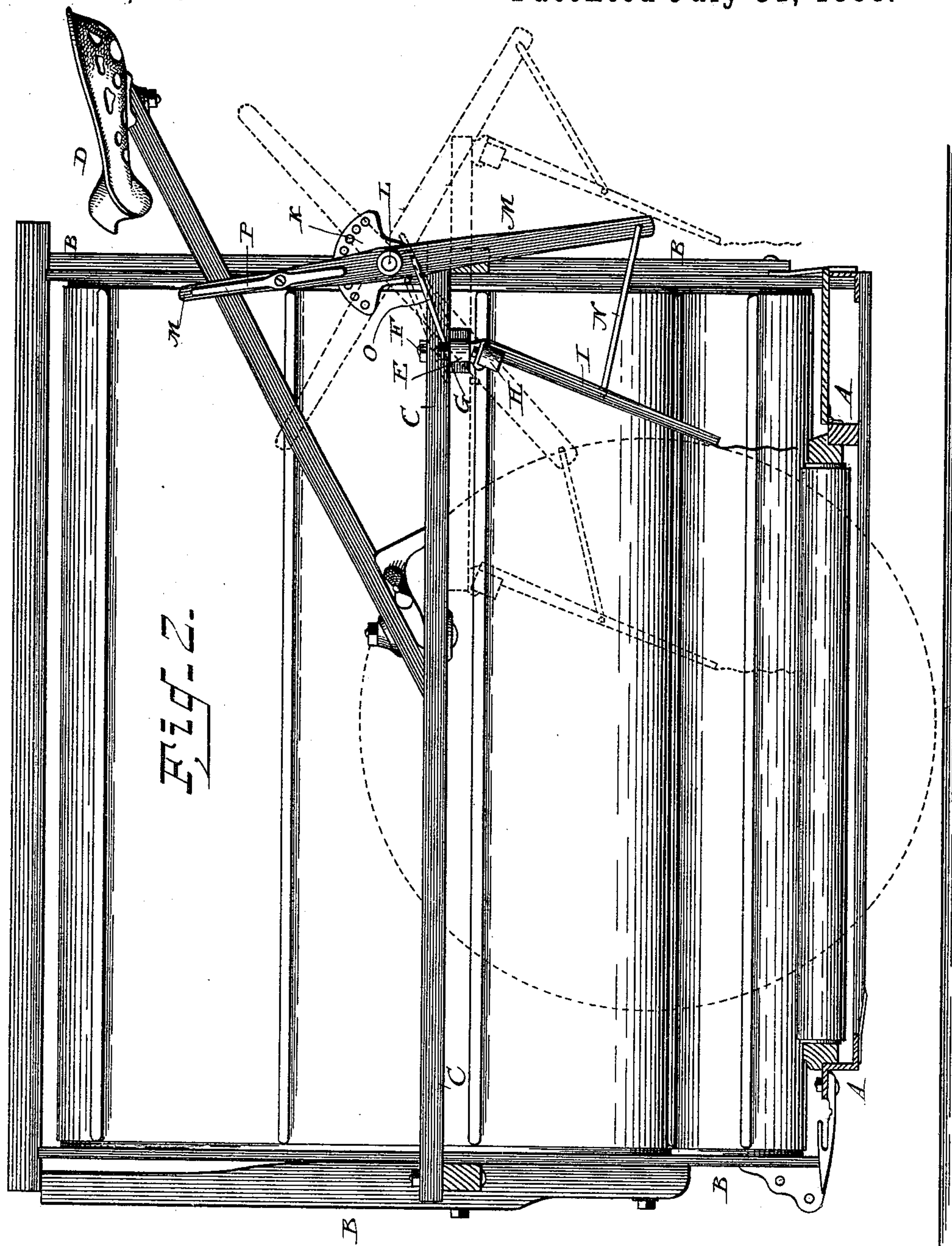
3 Sheets—Sheet 2.

H. J. CASE.

ADJUSTABLE WIND BOARD FOR HARVESTERS.

No. 386,803.

Patented July 31, 1888.



Witnesses:
W. R. Kennedy
F. T. Chapman

Inventor:
H. J. Case
By Attorney,
Philip T. Dodge

(No Model.)

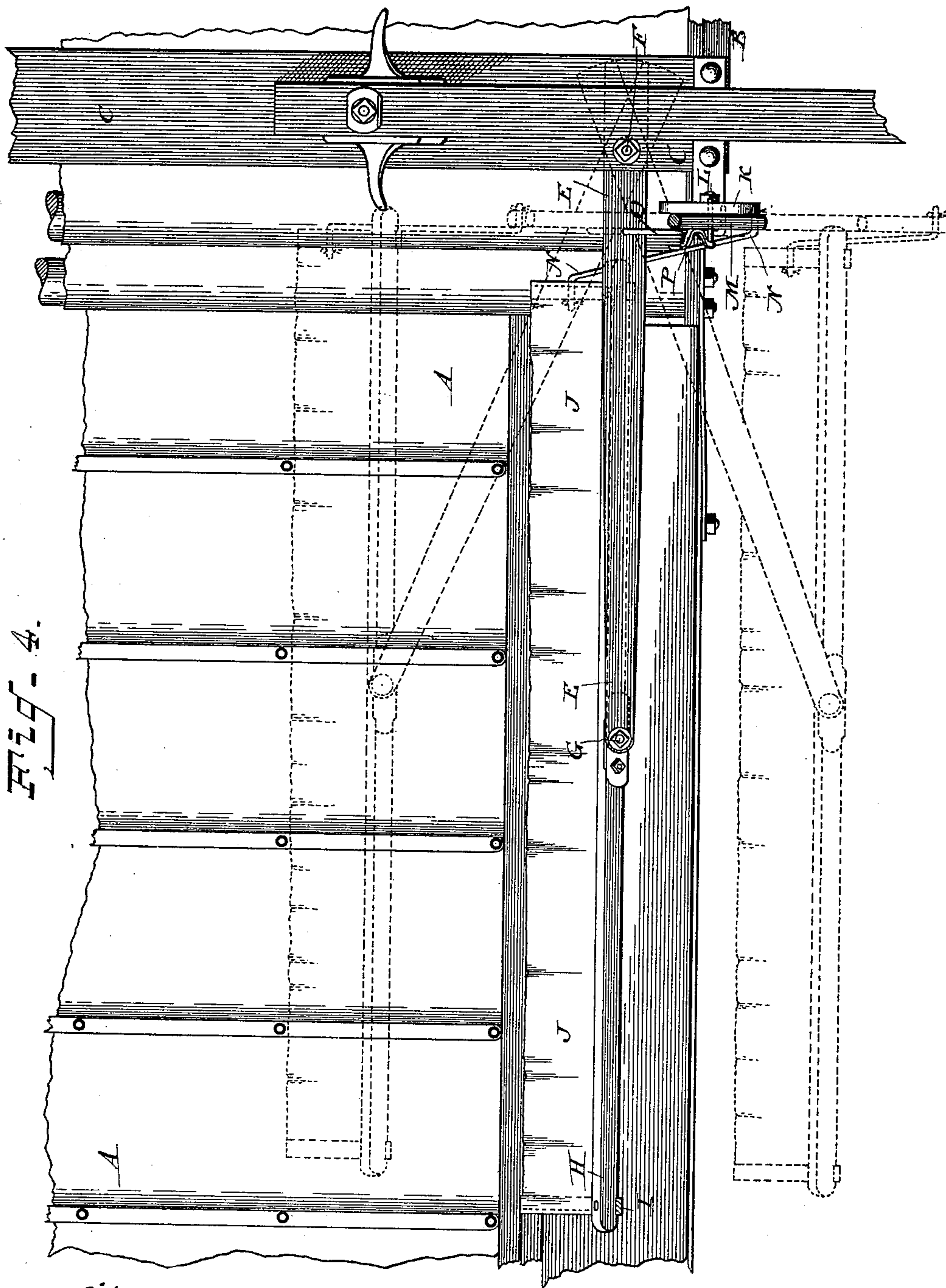
3 Sheets—Sheet 3.

H. J. CASE.

ADJUSTABLE WIND BOARD FOR HARVESTERS.

No. 386,803.

Patented July 31, 1888.



Witnesses:
W. R. Kennedy
F. T. Chapman.

Inventor:
H. J. Case.
By Attorney,
Phil. T. Dodge

UNITED STATES PATENT OFFICE.

HENRY J. CASE, OF AUBURN, ASSIGNOR OF ONE HALF TO THE D. M. OSBORNE
& COMPANY, OF NEW YORK, N. Y.

ADJUSTABLE WIND-BOARD FOR HARVESTERS.

SPECIFICATION forming part of Letters Patent No. 386,803, dated July 31, 1888.

Application filed March 10, 1887. Serial No. 230,426. (No model.)

To all whom it may concern:

Be it known that I, HENRY J. CASE, of Auburn, in the county of Cayuga and State of New York, have invented certain Improvements in Adjustable Wind-Boards for Harvesters, of which the following is a specification.

This invention relates to that class of shields or fenders commonly known as "wind-boards," which stand vertically across the rear end of the harvester-platform parallel with the cutter-bar, to prevent the grain from being blown out of position; and the invention consists in an improved manner of constructing, supporting, and adjusting the wind-board, so that it may be moved forward and backward at the will of the operator.

In the accompanying drawings, Figure 1 is a rear elevation of a portion of a harvester provided with my improvement. Fig. 2 is an elevation of the machine, looking from the platform, which is shown in cross-section, toward the elevator. Fig. 3 is a side view of the hand-lever and its adjuncts by which the wind-board is adjusted. Fig. 4 is a top plan view of the board and its supporting and adjusting devices.

I have represented my wind-board in connection with a harvester of the class in which the grain is delivered at the inner end of the platform to an elevator, by which it is carried over the main wheel, and in which the driver's seat is sustained on a horizontal plank at the inner side of the elevator-frame, over the inner end of the platform.

As the machine itself may be in all respects of ordinary construction, I have deemed it necessary to illustrate in the drawings only those parts with which the wind-board is immediately connected.

Referring to the drawings, A represents the horizontal grain-receiving platform, at the front of which the cutting mechanism is located; B, the upright elevator-frame, commonly known as the "A-frame;" C, the seat-supporting plank, and D the driver's seat, sustained by a standard secured to the plank.

The foregoing parts are of a familiar construction, and are not claimed as of my invention.

In applying my improvement I provide a

long arm, E, and insert one end of the same horizontally beneath and against the seat-plank, connecting it thereto by a vertical pivot-bolt, F, or other suitable pivot, the end of the arm being extended beyond the pivot in order to bear against and receive a firm support from the plank, as shown. The arm thus supported, which is free to swing horizontally in a forward and backward direction, is extended outward and overhangs the grain-platform, and at its outer end is connected by a vertical pivot, G, to the middle of a horizontal bar, H, of a length substantially equal to that of the platform. This bar is provided at its ends with rigid depending arms I. To the bar and its arm I secure the upper edge and the end of a canvas sheet, J, which is stretched tightly thereon, its lower edge standing slightly above the surface of the platform. The bar H, its arm, and the canvas constitute jointly the wind-board. To the seat-plank I secure a bracket, K, and to this bracket, by a horizontal pivot, L, I attach a hand-lever, M, the upper end of which stands in proper position to be grasped by the operator while in his seat. I connect this lever at its lower end by a link, N, to one of the arms of the wind-board, and I also connect it at a higher point by a pitman, O, to the swinging arm E.

The parts are so constructed and arranged that on moving the hand-lever the pitman O will swing the arm E on its pivot F, and thus carry the wind-board to the front or rear, while at the same time the link N will act to maintain the board in a position parallel or substantially parallel with the cutter-bar. Thus it will be seen the swinging arm E is employed to adjust the wind-board without causing the board to assume an oblique position.

The hand-lever is provided with a latch, P, arranged to enter perforations in the bracket for the purpose of locking the board in the required position. It is manifest that any other equivalent form of locking device may be employed; and it is also manifest that in place of the supporting-frame provided with canvas a wooden shield or board may be employed.

Having thus described my invention, what I claim is—

In combination with a harvester, a hori-

zontally-swinging arm overhanging the grain-
platform, a wind-board connected to said arm
by a vertical pivot, and a hand-lever mounted
on a fixed support and connected by links to the
5 wind-board and to the swinging arm, whereby
said lever is enabled to move the board for-
ward and backward, and also to maintain its
parallelism with the finger-bar.

In testimony whereof I hereunto set my hand
this 7th day of March, 1887, in the presence of
of two attesting witnesses.

HENRY J. CASE.

Witnesses:

T. M. OSBORNE,
J. FRANK DAVIS.