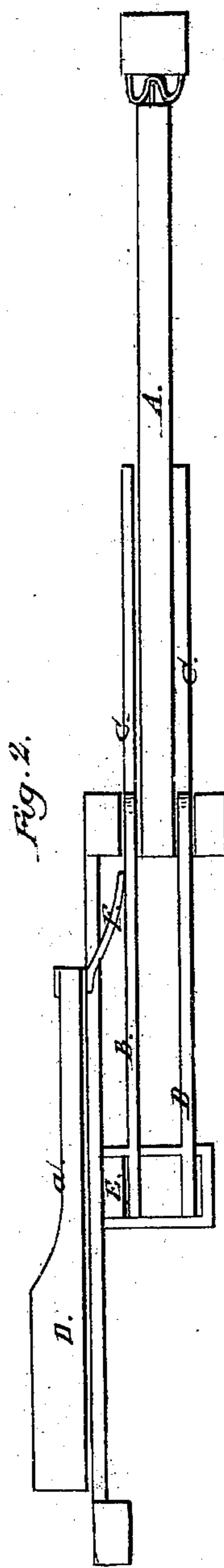
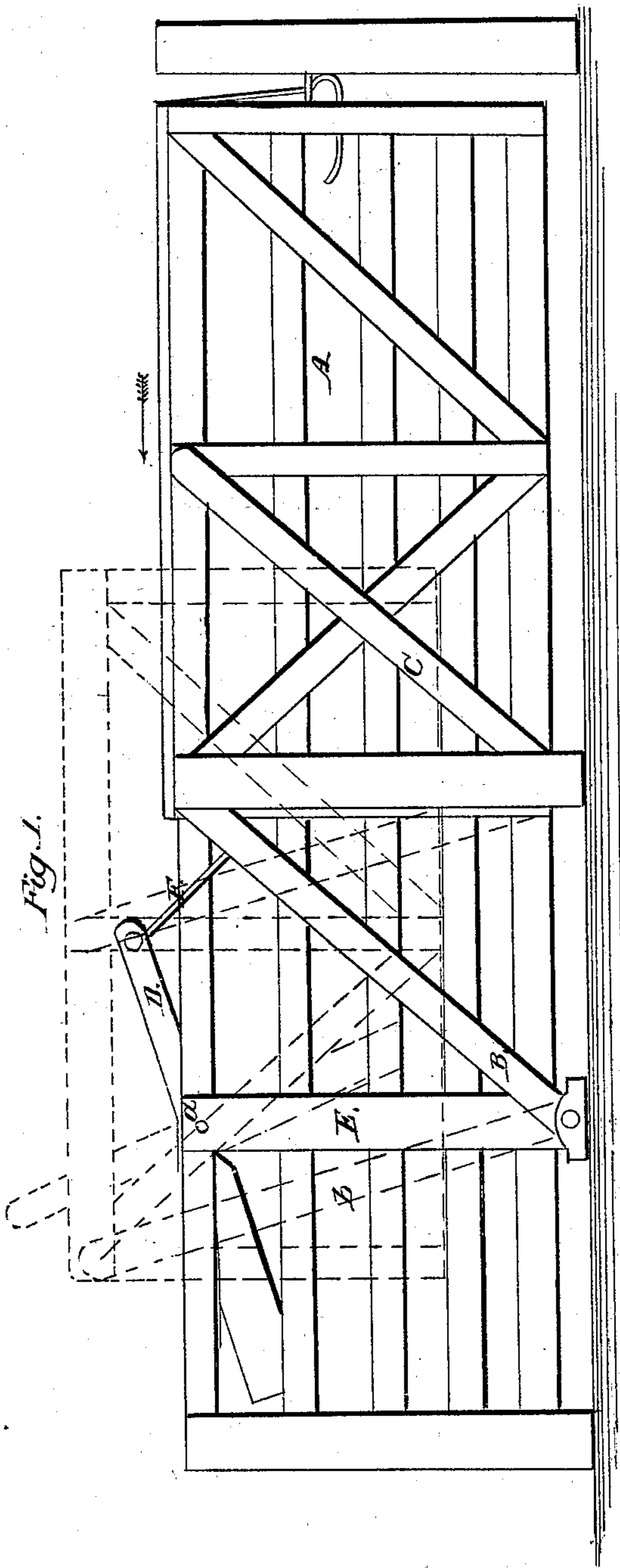


Farm Gate.

No. 91816.

Patented June 29. 1869.



WITNESSES:
E. C. Waite
J. E. Russell

INVENTOR;
J. Baughman

United States Patent Office.

JAMES BAUGHMAN, OF SUFFIELD TOWNSHIP, OHIO.

Letters Patent No. 91,816, dated June 29, 1869.

IMPROVEMENT IN FARM-GATE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES BAUGHMAN, of Suffield township, in the county of Portage, and State of Ohio, have invented certain new and useful Improvements in Farm-Gates; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side view of the gate.

Figure 2, a view of the top.

Like letters of reference refer to like parts in the different views.

This invention relates to a gate, the construction of which is such that it is opened by being lifted upward, and at the same time backward, by means of a pair of parallel vibrating standards, to which the gate is attached and supported on being opened and closed.

A, fig. 1, represents the gate, which is or may be constructed in the ordinary way.

B and C are two pairs of vibrating standards, one member of each pair being arranged on each side of the gate, and the two pairs parallel to each other, as shown in the drawing, in which it will be seen that the lower ends of the standards are pivoted near to the ground, whereas the upper ends are pivoted to the gate B, at the upper corner, and C, at or about the middle.

D is a counterbalance, pivoted at the point *a* to the post E.

The upper end of said balance is attached to the

gate by the link F, the purpose of which will presently be shown.

The practical operation of this gate is as follows:

The gate is represented as being closed. Hence, in order to open it, it is pulled back in direction of the arrow, at the same time it is lifted upward by the standards, as indicated by the red lines *b*.

To assist in this upward and backward movement of the gate, is the purpose of the counterbalance D, which, being about equal in weight to the gate, it is pulled back thereby, when assisted by a little personal effort.

By this means the gate is easily opened, and as it is lifted from the ground while being opened, snow-drifts, side-hills, &c., will not be in the way of opening the gate.

I am aware that parallel vibratory standards have been used for opening gates. This I do not claim; but that which distinguishes my invention from others, and for which I desire to secure Letters Patent, is—

The special arrangement of the vibratory standards B and C, attached to each side of the gate, at the top, whereas the lower ends are pivoted near the ground independently of the fence or posts, in combination with the counterbalance D, substantially as and for the purpose set forth.

Witnesses:

JAMES BAUGHMAN.

B. W. BIXLER,

WILLIAM BOONE.