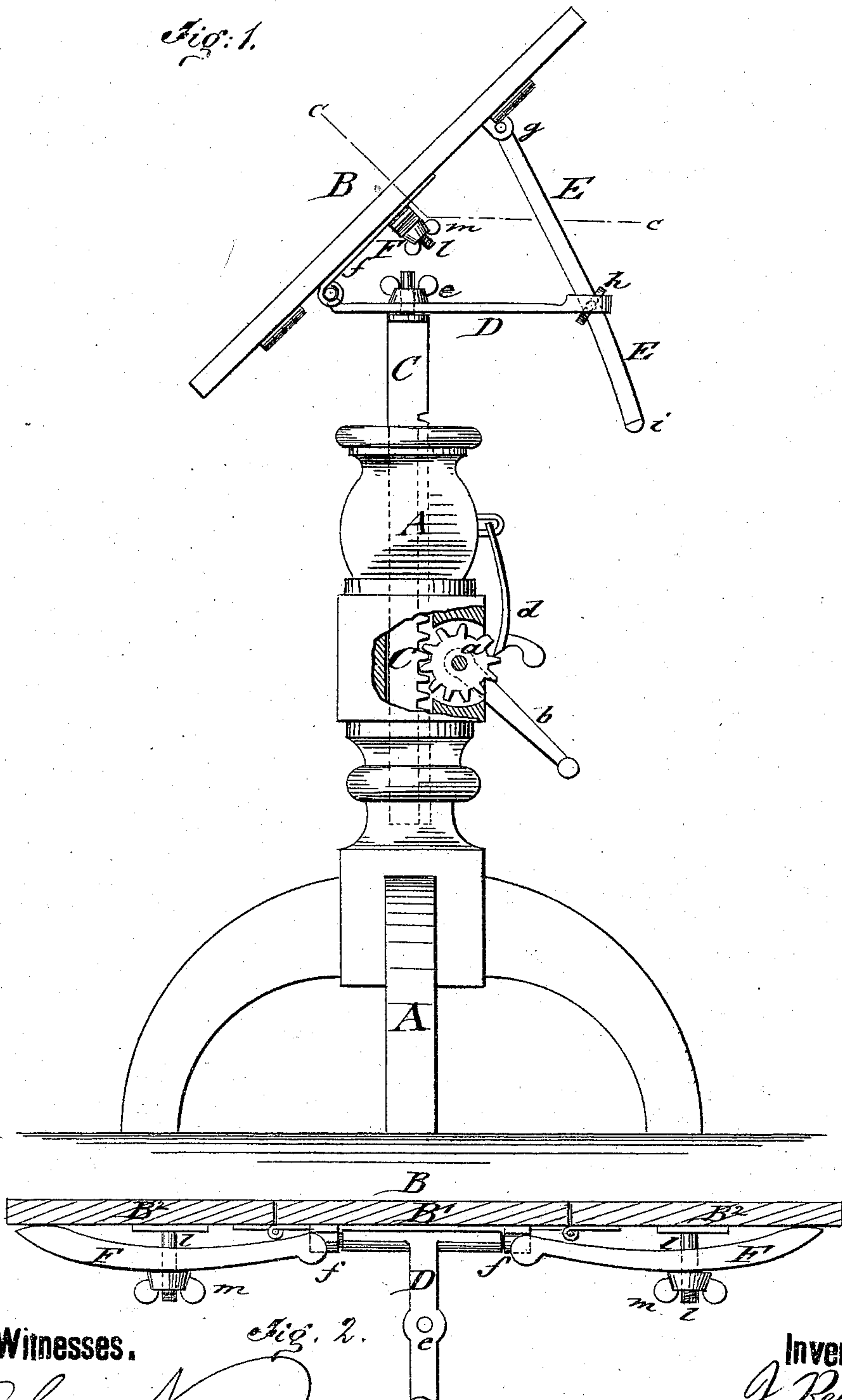


Blackboards.

No. 144,289.

Patented Nov. 4, 1873.

Fig: 1.



Witnesses.

Gas. Nida.
Sulquich

Fig. 2.

Inventor.

Per

J. Reber.
Munnell
Attorneys.

UNITED STATES PATENT OFFICE.

JAMES REBER, OF NEBRASKA, OHIO.

IMPROVEMENT IN BLACKBOARDS.

Specification forming part of Letters Patent No. 144,289, dated November 4, 1873; application filed July 26, 1873.

To all whom it may concern:

Be it known that I, JAMES REBER, of Nebraska, in the county of Pickaway and State of Ohio, have invented a new and Improved Blackboard, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation, partly in section, of my improved blackboard with supporting-standard; and Fig. 2, a horizontal section through the blackboard on the line *c c*, Fig. 1, showing arrangement of folding leaves.

Similar letters of reference indicate corresponding parts.

The object of my invention is to construct a blackboard, which can be readily inclined into any position for greater convenience, raised to suitable height, and also be used as a table, to be folded up and moved into a corner to be out of the way. My invention consists, mainly, in arranging the blackboard with hinged leaves in a strong standard or stock, in which it may be raised or lowered by rack and ratchet arrangement, to be inclined by hinged arm and bow construction, and folded open by pivoted levers.

In the drawing, A represents the standard or stock of the blackboard B, constructed of suitable strength and dimensions, and resting on legs and central support. The stock A guides centrally the vertical rack C, which is raised and lowered by ratchet *a* with crank *b*, and retained in position by pawl *d*. To the upper end of rack C is applied, by screw and thumb nut *e*, so as to turn freely thereon, the horizontal arm D with T-shaped head, which is hinged to staples *f* screwed firmly to the rear of the central leaf B¹ of board B. The other end of arm D is slotted, and guides the bow-shaped lever E, which is hinged at *g* at the upper part of the same leaf. The blackboard B may be adjusted to any desired in-

clination, from a horizontal to a vertical position, by the action of thumb-screw *h* at end of arm D on lever E. Projecting lugs *i*, at lower end of lever E, define the extreme position into which the blackboard B may be placed. The leaves B² are hinged sidewise to the central leaf B¹, to be folded like the leaves of a table. Levers *f*, which turn on bolts *l*, applied at the rear of leaves B², secure rigidly, by thumb-screws *m*, the open position of the same when turned under central leaf B¹. The whole board B turns easily on rack C, and may be inclined in such position that the work may be more conveniently done thereon, and be seen fully.

For placing the blackboard out of the way, the rack is lowered in stock A, the board placed in a horizontal position, and the leaves folded down. The blackboard is then rolled into a corner, or used as a table, or for other purposes, as may be desired.

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

1. The adjustable folding blackboard, consisting of frame or stock A, rack and ratchet mechanism C *a*, and blackboard B, pivoted arm D and hinged bow-lever E, arranged and operated substantially as and for the purpose described.

2. The blackboard B, consisting of central leaf B¹ with hinged side leaves B², and lever T, pivoted to bolts *l*, and set by thumb-screws *m*, substantially as set forth.

3. The T-shaped arm D, turning on rack C, and having guide-slot with thumb-screw *h* to adjust bow-lever E, and producing any inclination of board B, as described.

JAMES REBER.

Witnesses:

J. A. LUTZ,

M. A. SWEETMAN.