(Model.)

G. ELSEY.

BLACKBOARD AND EASEL.

No. 306,069. Patented Oct. 7, 1884.

Fig. 1

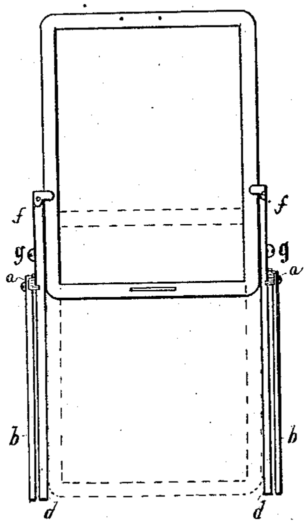


Fig. 2

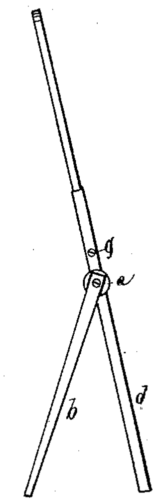


Fig. 3

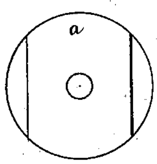


Fig. 4

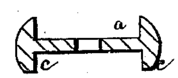


Fig. 5

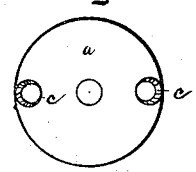


Fig. 6

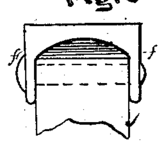


Fig. 7

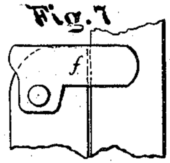


Fig. 8

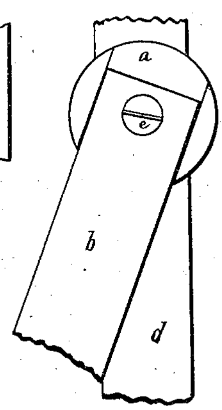
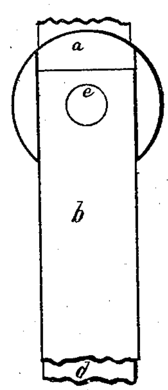


Fig. 9



Witnesses;
J. W. Hersey
[illegible]

Inventor
George Elsey
By Allen Webster
Atty.

UNITED STATES PATENT OFFICE.

GEORGE ELSEY, OF SPRINGFIELD, MASSACHUSETTS.

BLACKBOARD AND EASEL.

SPECIFICATION forming part of Letters Patent No. 306,069, dated October 7, 1884.

Application filed December 2, 1882. (Model.)

To all whom it may concern:

Be it known that I, GEORGE ELSEY, of Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Blackboards and Easels for the same, of which the following is a specification, reference being had to the accompanying drawings, in which—similar letters of reference indicating like parts—

Figure 1 is a front and Fig. 2 a side view of the completed device. The remainder of the figures illustrate the detail, and will be described hereinafter.

As heretofore constructed blackboards have not combined the requisite degree of lightness, firmness, and simplicity, and the construction has been such that the strain on the pivot of the swinging leg would soon cause it to be loosened.

My invention consists of the construction and arrangement of the parts as herein set out, whereby the objectionable features heretofore existing are done away with.

The detail of construction is as follows: *a* represents a pivotal piece, having on one side a recess, within which the end of the swinging leg *b* fits, and having on its other side projections *c*, which operate as stops, which, striking against the fixed leg *d*, prevent the part *a* from turning farther on its pivot. The leg *b* may be held in place in the piece *a* by the pivotal screw *e*, as shown in the drawings, or by other means. I deem the manner illustrated the simplest and best.

Fig. 3 is a front, Figs. 6 and 7 are detail views, of a portion of the device; Fig. 4 a sectional and Fig. 5 a back view of the part *a*. Figs. 8 and 9 show the relative position of the legs when they are separated and together. It will readily be seen that if the leg *b* fits tightly within the part *a* all strain from the leg *b*, as ordinarily applied, will be borne by the shoulders of the recess, and that the projections *c c*, coming in contact with the fixed leg, will relieve the pivot from all strain.

The leg *d* is provided at its upper end with a double button or fastener, *f*, which being turned away from the board will allow it to be revolved upon its pivots *g* and occupy the position shown in dotted lines, thus enabling me to fold the completed device to occupy but a small amount of room.

It will readily be seen that the board may be hung in a frame and revolved horizontally as well as perpendicularly, and that my improvements are adapted to this and other constructions, as well as the particular one illustrated. I do not, therefore, confine myself in the application of my improvements to boards or easels of this particular make.

I am aware of United States Letters Patent for improvements in step-ladders, dated February 21, 1882, No. 253,925, and I make no claim to anything therein shown.

The stop-lugs or projecting parts adapted to relieve the pivot of strain, which are important elements in my device, are not shown therein, but a latch is relied upon to hold the swinging leg in position.

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

1. In combination with an easel or blackboard-support, a swinging leg and a piece, *a*, provided with a recess for the swinging leg and having parts *c c*, all combined and operating substantially as shown.

2. In a blackboard-support or easel, the combination of a metal piece, *a*, with legs *b* and *d*, the said metal piece having a means of securely fastening one of the legs therein, and being provided with a stop, whereby the pivot is relieved from strain, substantially as shown.

3. A portable blackboard having a swinging leg, *b*, pivoted on the same pivot with a stop device, *a*, substantially as and for the purposes stated.

GEORGE ELSEY.

Witnesses:
ALLEN WEBSTER,
GEO. O. KINGSBURY.