

D. MORSE.
 Device for Preventing Myopia.

No. 207,198.

Patented Aug. 20, 1878.

Fig. 1

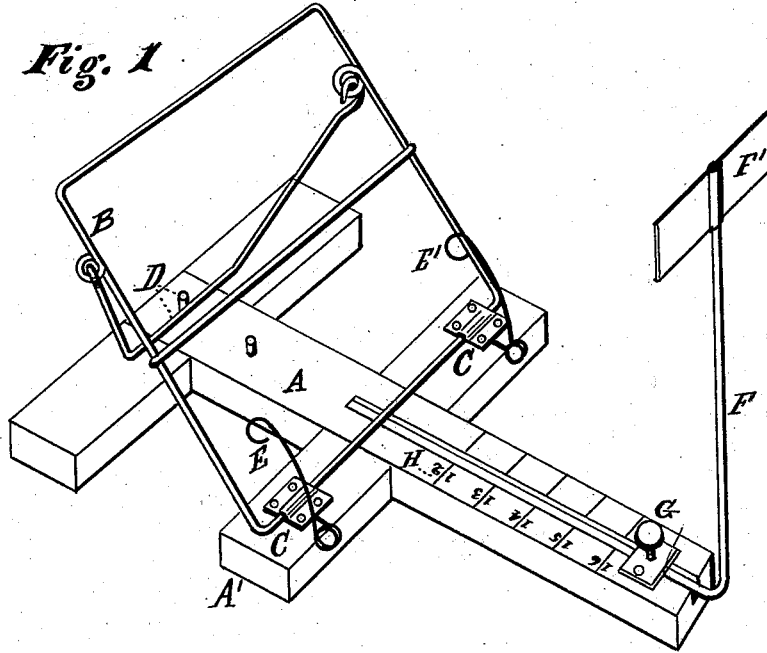
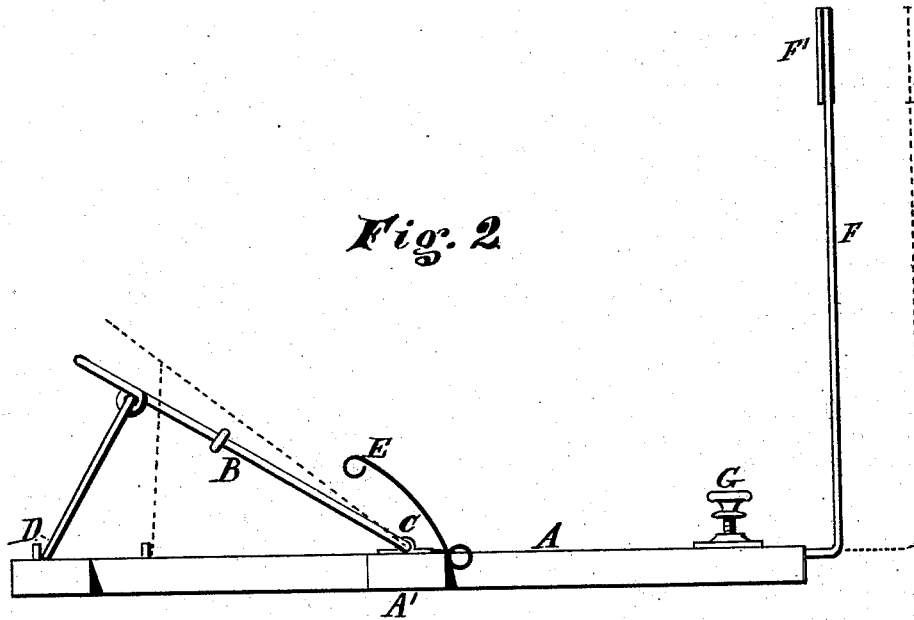


Fig. 2



Witnesses.
A. G. Thum.
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UNITED STATES PATENT OFFICE.

DAVID MORSE, OF LANCASTER, NEW YORK.

IMPROVEMENT IN DEVICES FOR PREVENTING MYOPIA.

Specification forming part of Letters Patent No. 207,198, dated August 20, 1878; application filed May 10, 1878.

To all whom it may concern:

Be it known that I, DAVID MORSE, of Lancaster, in the county of Erie and State of New York, have invented an Improved Eye Guide and Indicator, which improvement is fully set forth in the following specification and accompanying drawing, in which—

Figure 1 represents a perspective view, and Fig. 2 a side elevation.

This invention is intended for use by pupils in schools, or for other equivalent purposes. Its object is to prevent habits leading to near-sightedness; and it consists of a suitable means for holding a book or other object to be read or examined, in combination with a device whereby the distance of the eyes therefrom may be controlled and indicated, and by which a stooping posture of the head may be prevented, as will be more clearly hereinafter shown by reference to the drawing, in which—

A represents the frame for supporting the book-rack and distance-bar. B is the book rack or rest. It is hinged to the cross-piece A' at C C, and is represented as made of wire, but it may be of wood or other suitable material. D is a device for adjusting its inclination. (An ordinary pawl and rack would be an equivalent for it.)

E E' represent springs for holding a book open and in place. If desired, the book-holder may be made and fixed at a suitable inclination without the adjusting device D, and, in place of the springs E E', pins may be arranged to hold the book open or in position. This could be done in schools where the books do not differ much in size.

F represents the adjuster and distance-indicator. It consists of a bent rod or wire, either square or round, provided with a cross-piece, F', or its equivalent, in the form of a ball or knob, or the top of the rod may be rounded and smooth without plate or knob.

If desired, the plate or ball, if used, may be made adjustable vertically. It is made adjustable horizontally by means of the set-screw G. A friction-spring may be used instead of the set-screw, or the rod may be perforated and a pin used to fasten it at any necessary point of its horizontal adjustment, all of which would be equivalents. The rod F may be reversed and the shorter end used in a vertical position when required, and, if desired, figures, H, may be placed on the frame to indicate the horizontal adjustment of the same.

The rod F may be fixed and the book-rest made adjustable horizontally and accomplish the same result.

As a guide for writing purposes the book-rack may be dispensed with. In that case it would be well to make it readily adjustable or removable.

I claim as my invention—

The combination of the support and the bar, arranged adjustably to limit the approach of the head to the book or paper without presenting between the latter and the eye any other object, as set forth.

DAVID MORSE.

Witnesses:

J. G. JOHNSON,
JAMES SANGSTER.