I. LOPEZ.

LINE INDICATOR FOR BOOKS.

No. 192,834. Patented July 10, 1877.

Fig: 1.

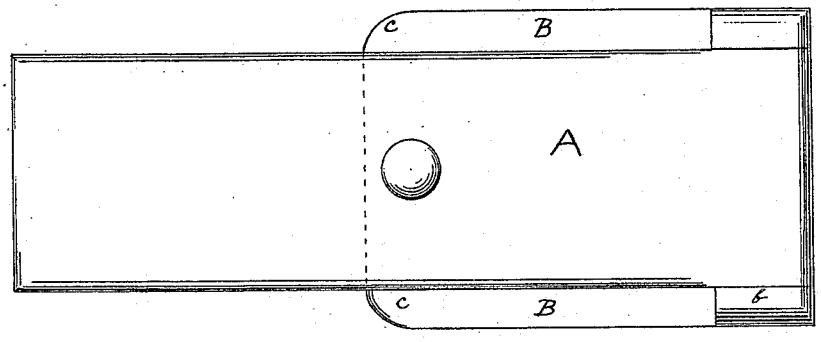


Fig: 2.

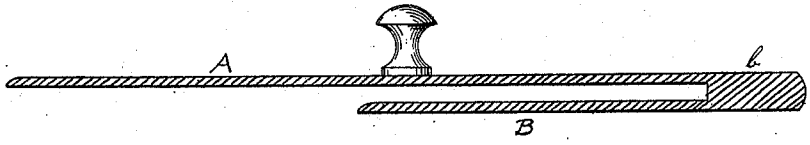
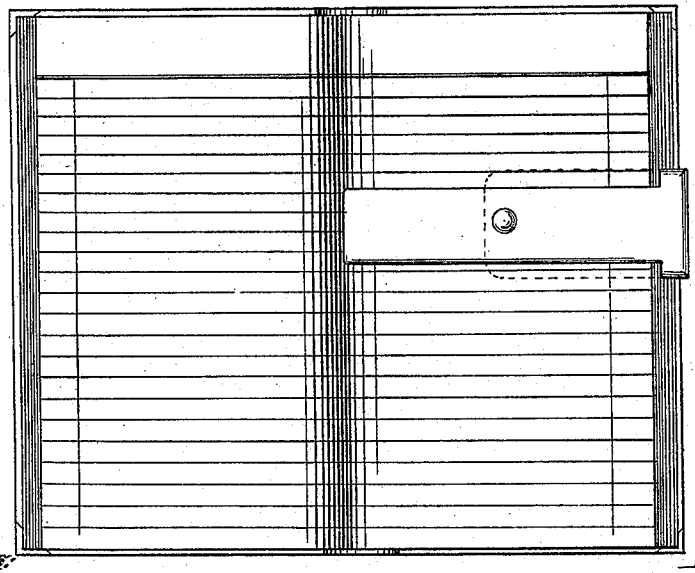


Fig: 3



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IMPROVEMENT IN LINE-INDICATORS FOR BOOKS.

Specification forming part of Letters Patent No. 192,834, dated July 10, 1877; application filed May 29, 1877.

To all whom it may concern:

Be it known that I, ISAAC LOPEZ, of the city of New York, in the county of New York and State of New York, have invented a new and useful Indicator; and I do hereby declare that the following is a full, clear, and exact description thereof, and of its mode or manner of operation, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and making a part of this specification.

Figure 1 is a perspective view of my indicator. Fig. 2 is a longitudinal section of the same; and Fig. 3 is a view of my indicator, showing its position in the book when in use.

My indicator is composed of two parts. The one part, A, is intended to be moved up or down upon the page of the book, and left at the line or point desired. This part is made of any required length, so that it will extend fully across the page of any book in which the indicator is to be used. To conveniently move it along the page, a knob may be attached, as shown.

In order to keep this part A in position, and prevent it slipping from or upon the page, and also to guide its edge parallel to the lines when moved from place to place, it has the slide B attached to it at one end by the shoulder *b*. This slide is about one-half or two-thirds the length of the part A, which is sufficient to keep the indicator in position, while at the same time, in moving, its end *c c* does not chafe or graze the leaves near the back of the book, where the leaves generally do not lie flat. Its corners, at *c c*, are rounded off, and the space between them and the rounded corners *c c* are reduced to a sharp edge, to be more readily inserted between the leaves of the book. It is made so wide as to extend half an inch or more on each side of part A. This additional width facilitates its insertion between the leaves of the book, and the weight of the leaves resting upon the projecting part holds the indicator in position, though the body of the part A is extended beyond the top or bottom of the book, when its edge is to indicate a line on the page near the top or bottom of the book, as the case may be.

The part A is attached to the slide B at one end, as shown, leaving a space between A and B of from an eighth to a fourth of an inch, or more, if desired. The shoulder *b* should be at right angles to the edges of part A, and it and all the parts should be finished smooth, so that the indicator will slide readily from place to place when it is moved.

My indicator may be made of wood, hard rubber, or any suitable material, and, for ordinary blank-books, the part A is convenient when about three inches wide; but I do not limit myself to any width or material, that being a matter of taste.

When it is desired to use my indicator the slide B is inserted between the leaves of the book, the part A resting upon the page, the outer edge of the leaves resting against the shoulder *b*, and no more of the leaves inserted in the space between A and B than will allow the indicator to be moved easily up or down the page. The edge of the part A is then adjusted at the line desired, and the indicator is moved up or down to show the lines or entries required. The leaves resting upon the slide B keep the indicator firmly in position, and when it is moved the shoulder *b*, sliding along the edges of the leaves, guides the part A, so that it always moves parallel to the lines of the book.

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

The herein-described indicator, consisting of a part, A, to lie upon and across the page, provided with a slide, B, at one end, attached by a shoulder, leaving an intervening space between the parts A and B, constructed substantially as described and shown, and for the purposes set forth.

ISAAC LOPEZ.

Witnesses:

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