HYMAN SIROT AND HARRY SIROT.

SELF ILLUMINATOR FOR READING AND WRITING.

APPLICATION FILED DEC. 4, 1920.

1,385,798.

Patented July 26, 1921.

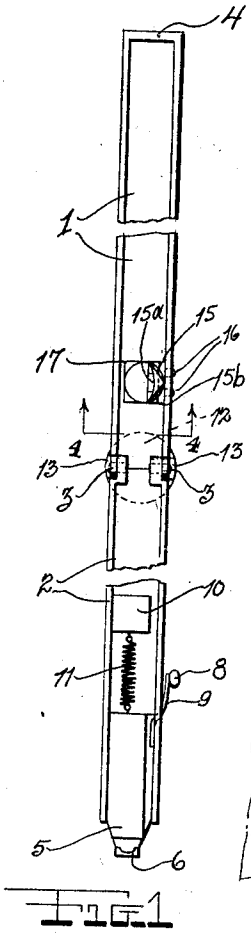


FIG. 1

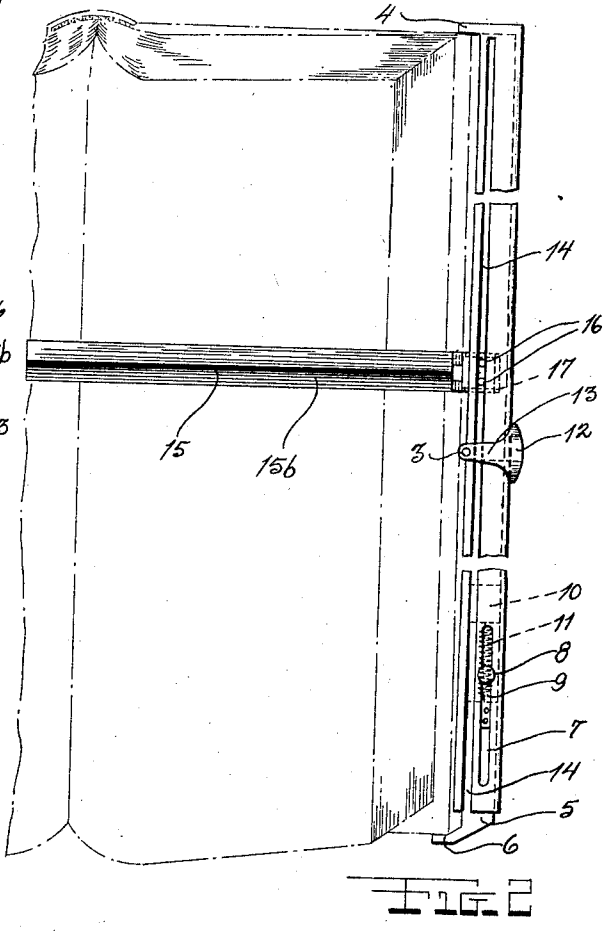


FIG. 2

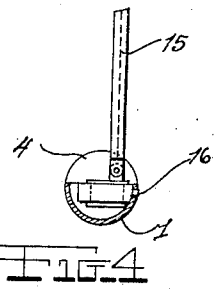


FIG. 4

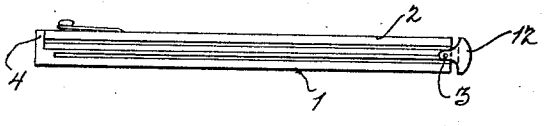


FIG. 3

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SELF-ILLUMINATOR FOR READING AND WRITING.

1,385,798. Specification of Letters Patent. Patented July 26, 1921.

Application filed December 4, 1920. Serial No. 428,419.

To all whom it may concern:

Be it known that we, HYMAN SIROT and HARRY SIROT, citizens of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Self-Illuminators for Reading and Writing, of which the following is a specification.

The main object of this invention is the provision of a device which may be carried in the pocket after the fashion of a fountain pen, which may be applied to a book, newspaper, or other readable matter, so that the same may be read in the dark, our device serving to illuminate the same.

Another object is to provide, in combination with the above, a form of constantly illuminating search-light which may serve to enable one to read small signs in the dark, such as a tenant's name plate on a house.

The above and other objects will become apparent in the description below, in which like-named characters of reference refer to like-named parts in the drawings.

Referring briefly to the drawings, Figure 1 is a front elevational view of our device in fully extended position.

Fig. 2 is a side elevational view of the same illustrating its application to a book.

Fig. 3 is a reduced view of the same in collapsed position convenient for carrying in the pocket.

Fig. 4 is a cross-sectional view taken on the line 4—4 of Fig. 1, the illuminator 15 being shown fragmentarily.

Referring now in detail to the drawings, the numeral 1 represents one of the legs of our device, and 2 the other, the same being hinged together at 3. Both of said legs are of equal length and of substantially semi-cylindrical form. A tongue 4 projects at right angles from the end of the leg 1, and a tongue support 5 is slidably mounted in the end of the leg 2, said member having the tongue 6 projecting therefrom. A slot 7 is provided near the end of said leg 2, and a button 8, attached to a flexible link 9, is slidably mounted in said slot. A rigid block 10 is attached to the inner wall of the leg 2, and a spring 11 is attached between said block and the member 5, normally tending to draw the member 5 into the leg 2. A substantially fractionally-spherical surface 12 is attached by means of ears 13 about the hinge or pivot 3. The said surface is coated with luminous paint.

A rod 15 of substantially triangular cross-section, one of the faces 15^a thereof being concave in form, is secured to a block 17, the latter having pins 16 protruding therefrom. A slot 14 extends throughout the length of both legs 1 and 2, said pins being slidably mounted in slot. Therefore it is apparent that the rod 15 may be moved at right angles to said legs in extended position from end to end of the device. The side 15^b of the rod 15 is covered with luminous paint, so that the same will illuminate the page upon which it is applied.

The complete operation of the device may now be described. The jaw or tongue 4 is applied to the upper edge of the cover of the book, while the button 8 is grasped and forced outward from the leg 2, whence the tongue 6 is allowed to be drawn in against the book. Thus the device is securely held on both ends against the book. The rod 15 is then slid to the top of the page, just above the first line, said line being then illuminated throughout its length. Similarly the rod is moved line-by-line to the end of the page.

When not being used the device may be removed from the book, the rod 15 being moved to a position adjacent the hinge 3, and the legs 1 and 2 folded together about said rod, concealing the latter. Then the surface 12 will stand out from the end of the device, in which position it may be used as a searchlight as above mentioned. By means of the button 8 and resilient link 9 the device may be secured to the pocket in the manner of a fountain pen. Obviously the device may be used for writing in the dark as well as reading.

We claim:

1. A device of the class described comprising a pair of legs hinged together, said legs being substantially semi-cylindrical in cross-section, a tongue rigid with and extending from the free end of one of said legs, a slot in the lower end of the other leg, means slidable in said slot, a member rigid with said means and slidable upon said last-named leg, a tongue rigid with and extending from said member, resilient means urging said member in a direction toward the upper end of said leg, a second slot extending throughout the lengths of both of

said legs, a block slidable in said second slot, a rod rigid with said block, said rod having luminous paint on the surface thereof.

2. A device of the class described comprising a pair of legs hinged together, said legs being of substantially semi-cylindrical cross-section, means upon the ends of said legs for securing the device to a book or the like, a slot extending throughout the lengths of said legs, a rod slidably mounted in said slot, said rod being provided with luminous paint on the surface thereof.

In witness whereof we affix our signatures.

HYMAN SIROT.
HARRY SIROT.