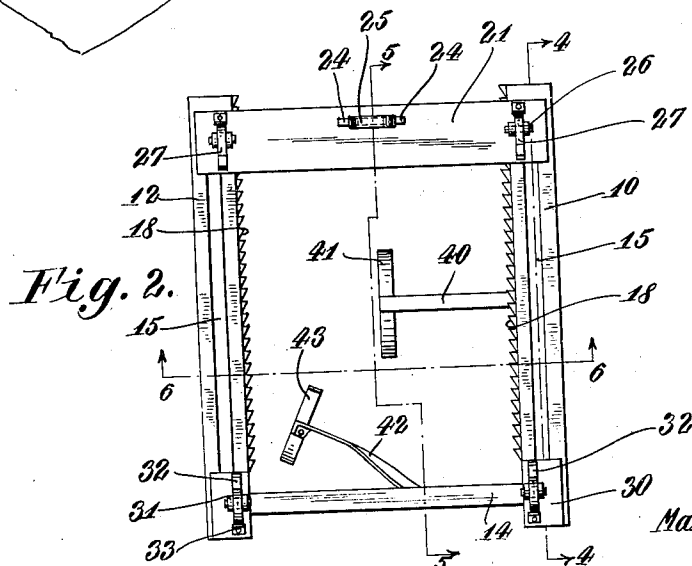
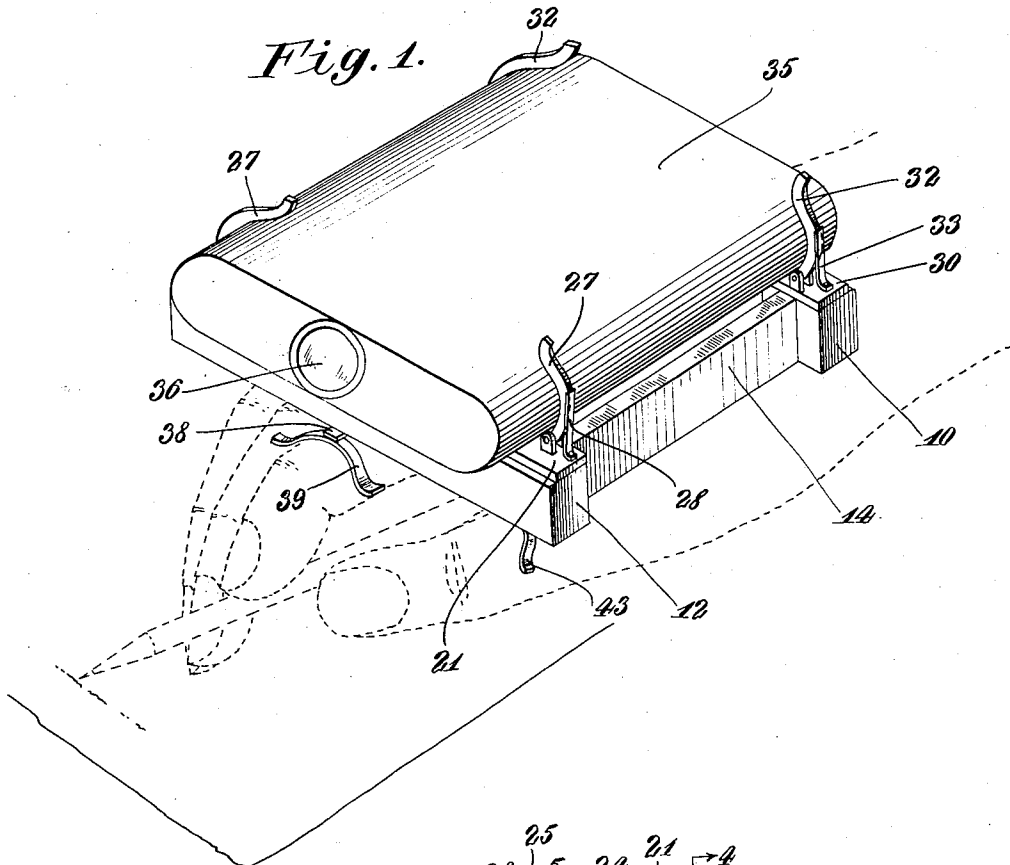


M. MOLNAR.
FLASH LIGHT HOLDER.
APPLICATION FILED JULY 20, 1918.

Patented Dec. 10, 1918.
2 SHEETS—SHEET 1.

1,287,393.



By his Attorney

Inventor
Martin Molnar.

Onas, Guir

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Fig. 3.

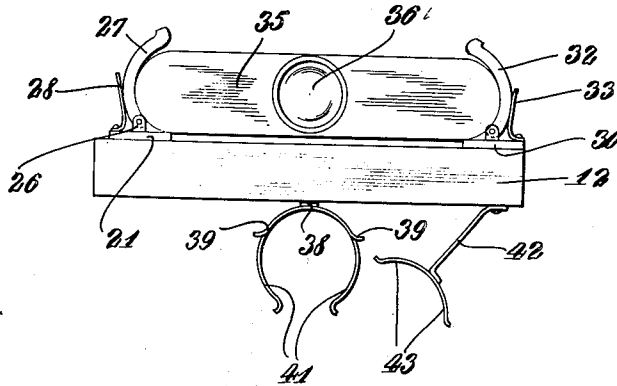


Fig. 4.

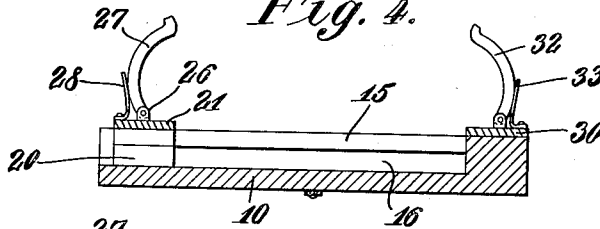


Fig. 5.

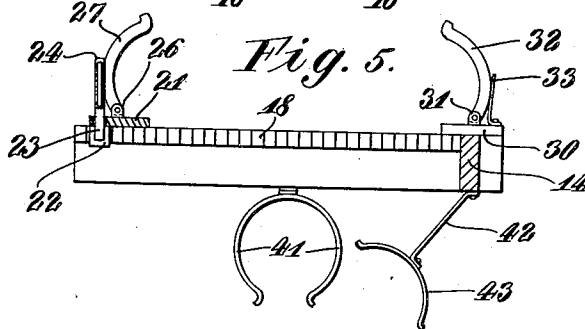
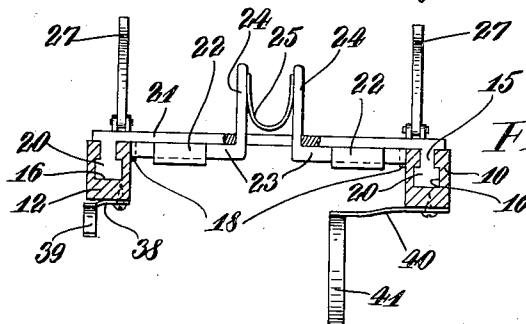


Fig. 6.



Inventor
Martin Molnar.

By his Attorney

Chas. Gell

UNITED STATES PATENT OFFICE.

MARTIN MOLNAR, OF HELLERTOWN, PENNSYLVANIA.

FLASH-LIGHT HOLDER.

1,287,393.

Specification of Letters Patent. Patented Dec. 10, 1918.

Application filed July 20, 1918. Serial No. 245,795.

To all whom it may concern:

Be it known that I, MARTIN MOLNAR, a subject of the King of Hungary, residing at Hellertown, county of Northampton and State of Pennsylvania, have invented certain new and useful Improvements in Flash-Light Holders, of which the following is a specification.

This invention relates to improvements in flash light holders and particularly to types suited to the hand, while using a pen or pencil so that the light rays may be directed to the writing.

The principal object of the invention is to provide a frame engageable with flash light containers in such manner that the same is supported by the hand without inconveniencing the same in using a pen or pencil.

A further object is to provide means combined with the holder whereby flash lights of different sizes may be readily engaged.

These and other like objects are attained by the novel construction and combination of parts hereinafter described and shown in the accompanying drawings, forming a material part of this disclosure, and in which:—

Figure 1 is a perspective view showing a flash light and holder made in accordance with the invention and indicating its application.

Fig. 2 is a top plan view of the holder.

Fig. 3 is a front end view thereof.

Fig. 4 is a longitudinal sectional view taken on line 4—4 of Fig. 2.

Fig. 5 is a similar sectional view taken on line 5—5 of Fig. 2, and

Fig. 6 is a transverse sectional view taken on line 6—6 of Fig. 2.

The frame of the holder is comprised of two oppositely disposed longitudinal elements 10 and 12, connected at one end by a rigid bar 14. Each of the side members contains an elongated slot 15, the same communicating with an undercut longitudinal recess 16, which extends substantially from end to end of the frame elements.

Formed on the upper inner surfaces of the frame elements 10 and 12 are racks 18 having ratchet shaped teeth. In the slotted recesses 15 and 16 are slidably engaged blocks 20, extending downward from a bridge plate 21, slidable along the upper surfaces of the elements 10 and 12, the same carrying on its lower sides, brackets 22 containing slidable bars 23, formed with detents engageable

within the racks 18, the bars 23 have at their inner adjacent ends, upturned elements 24, normally held in a separated position by a curved U shaped spring 25.

Thus it is possible to move the plate 21 longitudinally along the bars 10 and 12, causing the detents to engage in the racks at any desired point by pressing the elements 24 toward each other.

Engaged on the upper surface of the plate 21 are a pair of ears 26 in which are pivotally engaged curved clamp arms 27, pressed normally inward by the flat springs 28. On the opposite end of the frame, adjacent to the ends of the bar 14, are fixed plates 30 carrying ears 31 in which are pivoted corresponding clamp arms 32 pressed forward by springs 33.

Engageable with the clamp arms 27 and 32 is a flash light 35, and extending outward toward the front is a lens 36 through which the rays of the flash-light pass.

In order to hold this frame engaged with the hand of an operator, there is secured below the front frame element 12, a spring clip 38, having attached to its outer end a transverse, arcuately bent member 39, adapted to be engaged with fore finger of the operator, while similarly engaged with the rear frame element 12 is another spring arm 40 carrying an open ring element 41 adapted to rest upon the same finger near its base and partly surround the same, and finally extending from the cross bar 14 is a third spring arm 42 carrying at its end a contact member 43 adapted to engage with the thumb, the several contact members effectively supporting and guiding the apparatus.

From the foregoing it will be seen that the framework is of light and strong construction, well adapted to engage an ordinary form of flash light battery, and that due to the adjustability of the sliding plate 21, batteries of different widths may be securely clamped to the holder, which is engaged with the fingers of an operator in a convenient manner without interfering with the use of the fingers and thumb in manipulating a pen or pencil or like marking implement.

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

1. In a flash light holder, the combination with a frame of a plurality of opposite dis-

posed arms pivotally mounted therein, said arms being adapted to engage with the exterior surfaces of a flash light battery, means for forcing said arms into engagement, 5 means for adjusting the distance between opposed pairs of said arms, and means for securing said plate to an operator's hand.

2. In a flash light battery holder, the combination with a pair of longitudinal bars 10 having undercut recesses formed longitudinally therein, a cross bar rigidly engaged with said longitudinal bars at one end, blocks slidable in the undercut recesses, a plate secured to said blocks, a pair of spaced arms 15 pivotally engaged on said plates, a second

pair of arms pivotally engaged to the opposite ends of said bars, said arms being adapted to engage with a flash light battery, racks formed upon the interior surfaces of said longitudinal bars, a pair of opposed detents 20 engaged with said sliding plate, means for normally forcing said detents into engagement with said rack whereby said plate may be adjusted on said longitudinal bars, and means for securing said bars in an opera- 25 tive position.

In testimony whereof I have affixed my signature.

MARTIN MOLNAR.