No. 735,771. PATENTED AUG. 11, 1903.

C. HUBER.

SIGHT FOR FIREARMS.

APPLICATION FILED SEPT. 12, 1902.

NO MODEL.

Fig. 1.

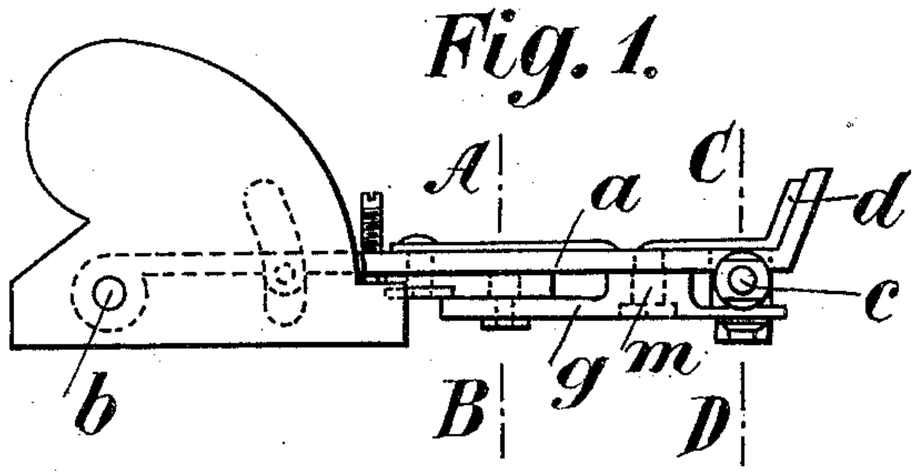


Fig. 2.

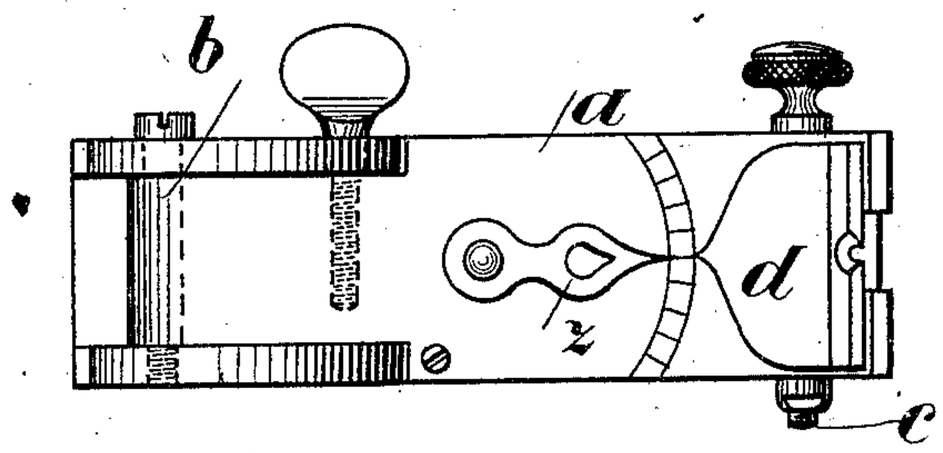


Fig. 3.

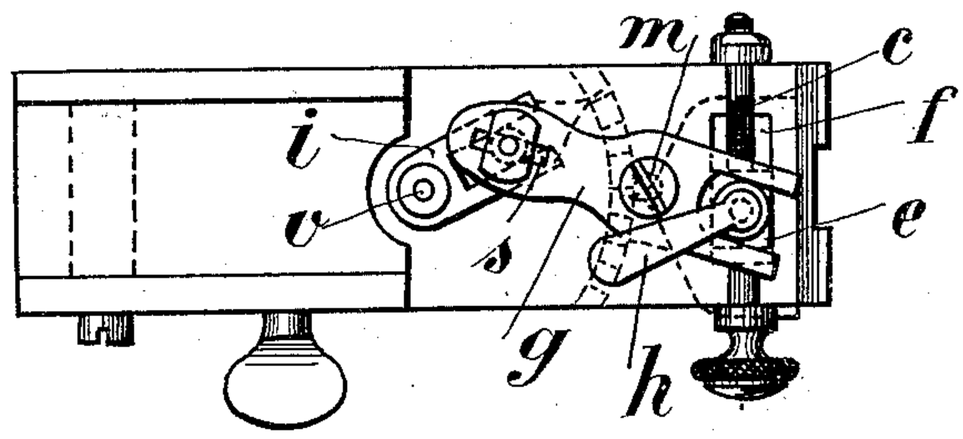


Fig. 4.

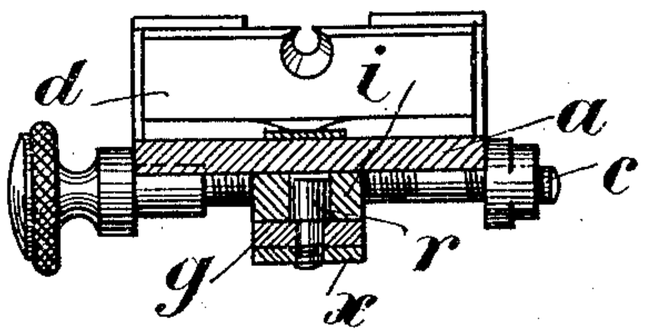
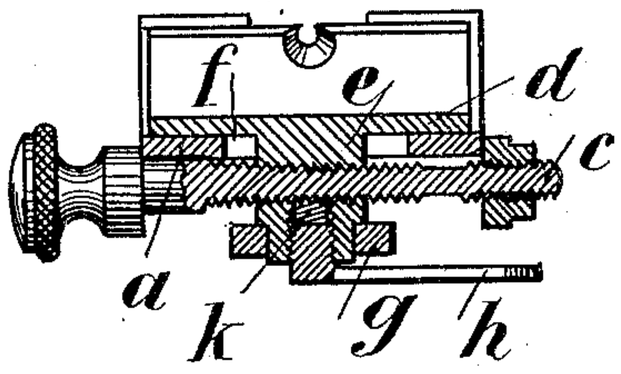


Fig. 5.



Witnesses:
Alfred Bosshardt
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No. 735,771. Patented August 11, 1903.

UNITED STATES PATENT OFFICE.

CONRAD HUBER, OF FRAUENFELD, SWITZERLAND.

SIGHT FOR FIREARMS.

SPECIFICATION forming part of Letters Patent No. 735,771, dated August 11, 1903.

Application filed September 12, 1902. Serial No. 123,125. (No model.)

To all whom it may concern:

Be it known that I, CONRAD HUBER, a citizen of the Republic of Switzerland, residing at Frauenfeld, Republic of Switzerland, (whose post-office address is Kurzdorf, bei Frauenfeld, Canton Thurgau, Switzerland,) have invented new and useful Improvements in and Relating to Sights for Firearms, (for which I have made application for patents in Switzerland, dated February 25, 1902, No. 28,592; in Austria, dated March 10, 1902; in Germany, dated March 27, 1902, No. 27,839 III/72; in Italy, dated June 20, 1902, No. 154,224, and in France, dated August 7, 1902, No. 320,037,) of which the following is a specification.

The sight-leaf on rifles has often to be adjusted laterally for correction when shooting, and the fine lateral adjustment could hardly be noticed by the naked eye.

My invention has for its object to remove the present defect and transmit the lateral adjustment of the sight-leaf by means of levers to a finger, where the said lateral adjustment can be easily seen at an enlarged scale. I attain these objects by the means illustrated in the accompanying drawings, in which—

Figure 1 is a side view, Fig. 2 a plan, Fig. 3 a bottom view, Figs. 4 and 5 sectional end views at lines A B and C D, respectively.

Similar letters refer to similar parts throughout the several views.

In carrying out my invention I fulcrum the sight-leaf *a* in the usual manner on a pivot *b* for raising or lowering the same in accordance to the distance. In the plate *d*, which is rendered laterally adjustable by means of the screw *c*, the notch is cut, Figs. 1, 2, 4, and 5. The plate *d* is formed at its under side with a projection *e*, which extends through the slot *f* of the sight-leaf *a*, Fig. 3, is threaded to receive the screw *c* and forms the nut, the latter having also at its under side a hole partly threaded in which a locking-piece is inserted, Fig. 5, while one end of the lever *h* is threaded at its cranked part and screwed into the threaded part of the said hole, whereby the said locking-piece *k* is forced against the screw *c*, thus locking the same. The projection *e* is made to fit accurately the forked end of the double-armed lever *g*, rendered movable on the screw-pivot *m*. The other end of the said double-armed lever is furnished with a slot *s*. A single-armed lever *i*, having a forked end, is rendered movable on the pivot *v*, Fig. 3, to which a finger *z* on the top side of the sight-leaf is secured, Fig. 2, the point of the finger *z* moving over a scale on the sight-leaf *a*. A bolt *r* is passed through the slot *s* in the lever *g* and forked end of the lever *i* and is secured at its under end by the nut *x* for the purpose of guiding and imparting motion from one lever to the other. Through the position of the fulcrum of the double-armed lever *g* and the length of the finger *z* the lateral adjustment is visible at an enlarged scale on the sight-leaf.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a laterally-adjustable sight, a sight-leaf having a graduated scale, a plate with sight-notch, a screw engaging a nut on the said plate for lateral adjustment on the said leaf, a pointer in connection with the said scale having a pivot passing through the said leaf and means for transmitting and multiplying motion from the said plate to the said pivot, adapted to increase the range of movement of the said pointer relative to lateral adjustment of the said plate, all combined substantially as and for the purpose set forth.

2. In a laterally-adjustable sight, a sight-leaf having a graduated scale, a plate with sight-notch, a screw engaging a nut on the said plate for lateral adjustment on the said leaf, a pointer in connection with the said scale having a pivot passing through the said leaf, a lever fulcrumed to the under side of the said leaf and an arm secured to the pivot of the said finger, one end of the said lever engaging the said nut and the other the said arm for transmitting and multiplying motion from the said plate to the said finger, all combined substantially as and for the purpose set forth.

In witness whereof I have hereunto set my hand in presence of two witnesses.

CONRAD HUBER.

Witnesses:

FRITZ LAUENER,

A. LIEBERKNECHT.