(No Model.)

W. PLETTNER.

SIGHT FOR FIRE ARMS.

No. 306,099. Patented Oct. 7, 1884.

Fig. 1

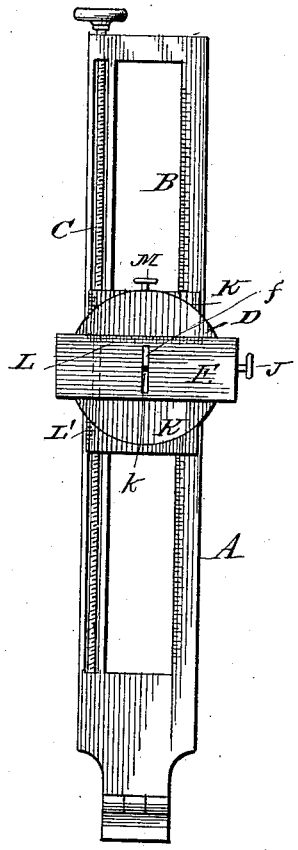


Fig. 2

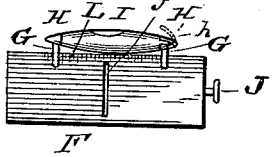


Fig. 3

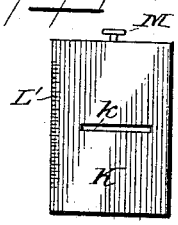
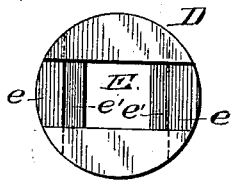


Fig. 4



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UNITED STATES PATENT OFFICE.

WILLIAM PLETTNER, OF TRINIDAD, COLORADO.

SIGHT FOR FIRE-ARMS.

SPECIFICATION forming part of Letters Patent No. 306,099, dated October 7, 1884.

Application filed February 25, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM PLETTNER, a citizen of the United States, and a resident of Trinidad, in the county of Las Animas and State of Colorado, have invented certain new and useful Improvements in Breech-Sights for Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved sight for fire-arms, showing the same attached in operative position upon a vernier-bar of ordinary construction. Figs. 2 and 3 are detail views of the double or combined slides, and Fig. 4 is a detail view of the grooved disks in which the slides work at right angles to one another.

Similar letters of reference indicate corresponding parts in all the figures.

My invention relates to that class of breech-sights for rifles and other fire-arms adapted to be used with the ordinary graduated vernier-bar for long-range shooting; and it consists in the improved construction and combination of parts of a sight of the above-described class, as will be hereinafter more fully described and claimed.

In the accompanying drawings, A represents the vernier-bar; B, the graduated scale of the same, and C the screw for raising or lowering the sight. The latter consists of a circular disk, D, having a central square aperture, E, and further provided with a horizontal groove or recess, *e*, and vertical groove or recess *e'*, intersecting each other and the central aperture, E, at right angles, and adapted to receive the slides F and K, respectively. The horizontally-sliding plate F is provided with a transverse slit, *f*, and a scale, L, while the vertically-sliding plate K is provided with the horizontal slit *k* and a scale, L'. Plates F and K may be adjusted relatively to each other and to the sight-disk by means of their respective set-screws or adjusting-screws J and M, and it will be seen that by the use of these combined slides the position of the sight-hole, which is formed by the intersection of the slots *f* and *k*, may be adjusted with the greatest possible degree of accuracy, so as to accurately gage the gun or rifle to the windage. The horizontally-sliding plate F is provided with brackets G, having caps H at their upper ends, which support a small spirit-level, I. One of these caps is provided with a spring-tip, (shown at *h* in Fig. 1,) by raising or unclasping which the spirit-level may be readily lifted out and removed from its conical caps or holders.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination of the disk D, having central square aperture, E, horizontal groove or recess *e*, and vertical groove or recess *e'*, horizontal slide F, having vertical slot *f* and graduated scale L, vertical slide K, having horizontal slot *k* and graduated scale L', and means for adjusting the said slides relative to each other and to the recessed disk in which they work, substantially as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

WILLIAM PLETTNER.

Witnesses:

WILLIAM R. WALKER,

PASCAL GERARDI.