No. 783,540. PATENTED FEB. 28, 1905.

E. S. PRATT.

SIGHT FOR FIREARMS.

APPLICATION FILED FEB. 29, 1904.

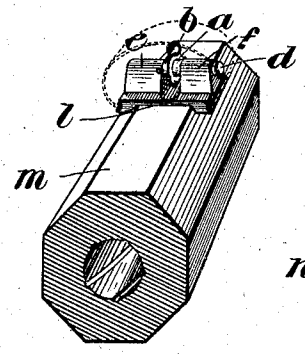


Fig. 1.

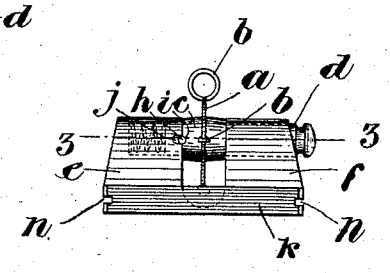


Fig. 2.

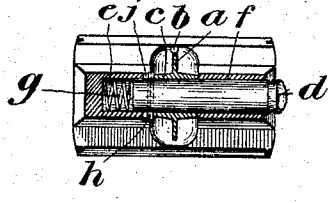


Fig. 3.

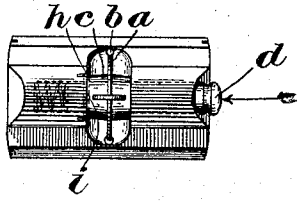


Fig. 4.

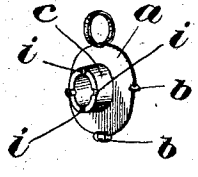


Fig. 5.

Witnesses.

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No. 783,540. Patented February 28, 1905.

UNITED STATES PATENT OFFICE.

EDWIN SYLVESTER PRATT, OF PARRY SOUND, CANADA.

SIGHT FOR FIREARMS.

SPECIFICATION forming part of Letters Patent No. 783,540, dated February 28, 1905.

Application filed February 29, 1904. Serial No. 195,914.

To all whom it may concern:

Be it known that I, EDWIN SYLVESTER PRATT, marine engineer, of Parry Sound, in the district of Parry Sound, Province of Ontario, Dominion of Canada, have invented certain new and useful Improvements in Sights for Firearms and the Like, of which the following is a specification.

My invention relates to improvements in sights for firearms and the like; and the objects of my invention are to devise a sight which may be adjusted to suit various conditions of light and atmosphere and also to suit the person using the firearm; and it consists, essentially, of a base adapted to be secured by any suitable means to the barrel of the firearm, bearings integral with the base supporting a spindle which is laterally disposed relative to the axis of the barrel and is longitudinally slidable in the bearings, a sight-wheel mounted on a hub rotatably mounted on the spindle, said sight-wheel having a plurality of sights of various kinds thereon, which might be brought into position for use as desired, the various parts being constructed and arranged in detail as hereinafter more particularly described.

Figure 1 is a perspective view of the end of the barrel of a rifle, showing my adjustable sight secured thereto. Fig. 2 is a side elevation, slightly enlarged, of the adjustable sight. Fig. 3 is a sectional plan of the attachment, taken on the line 3 3, Fig. 2. Fig. 4 is a plan view of the attachment. Fig. 5 is a perspective view of the sight-wheel and hub.

In the drawings like letters of reference indicate corresponding parts in each figure.

a is the sight wheel or disk. This disk is provided with four or more or less sights *b* of different colors and shapes, which are adapted for use under different atmospheric and other conditions. The disk *a* is further provided with a hub *c*, to which it is secured or with which it is made integral. This hub is rotatably mounted on a spindle *d*, which is longitudinally slidably held in bearings *e* and *f*. These bearings extend directly at right angles to the line of sight of the rifle. The spindle *d* protrudes slightly beyond the end of the bearing *f*. The outer end of the bearing *e* is closed, thereby forming a backing against which the spring *y* presses, the other end of the said spring being adapted to bear against the end of the spindle *d*.

h is a pin which extends transversely through the center of the spindle *d*. This pin normally is pressed into transverse slots *i*, formed in the left-hand face of the hub *c*, and is at the same time partly engaged by slots *j*, formed in the sides of the bearing *e*, and it will thus be seen that the sight-disk and hub are prevented under normal conditions from rotating. By exerting a pressure on the end of the spindle *d* the pin *h* will at once be moved back into the slots *j*, so as to clear the slots in the hub, and thus the hub and disk will be free to rotate, and the user may rotate the hub till the sight is brought into position, and then the pin may be permitted to spring back into the slots *i i*, so as to hold the hub and disk in the position to which they have been adjusted.

It may here be mentioned that the bearings *e* and *f* are integrally connected together by a suitable base *k*, which is adapted to slide into a dovetailed groove *l* in the barrel *m* or to be otherwise secured thereto.

It will now be seen that I have invented a device which will be of great assistance to sportsmen and users of rifles and other firearms in general. It is also to be noted that my device for adjusting the sights is extremely neat and simple in operation. I may use any suitable cover to protect the sights, the one shown as fitting into the side grooves *n* being for purposes of illustration only.

It is to be understood that I do not wish to limit myself to the identical construction herein shown and described, as the device is susceptible of variations in detail without departing from the spirit of my invention.

What I claim as my invention is—

1. In a device of the class described the combination with the disk and the plurality of sights secured thereto, of a hub secured to the disk, a spindle upon which said hub is rotatably mounted, said spindle being supported in bearings one end thereof protruding beyond the end of one of said bearings, a pin extending laterally through said spindle, slots formed in the adjacent faces of the hub and

one of the bearings and spring means for causing said pin to normally engage a slot in the hub and the slots in the bearing thereby holding the hub from rotation and permitting the hub to rotate when the spindle *d* is pressed inwardly thereby disengaging the pin from the slots in the hub.

2. In a device of the class described the combination with the disk and the plurality of sights secured thereto, of a hub secured to the disk, a spindle upon which the hub is rotatably mounted, bearings for said spindle, one of said bearings having a spring therein abutting at one end against the end of the bearing and at the other end against the end of the spindle, the other end of said spindle protruding beyond the end of the other bearing, a pin extending laterally through said spindle, slots formed in the adjacent faces of the hub and one of the bearings, the ends of said pin protruding beyond the sides of the spindle being adapted to normally engage one pair of slots in the hub and the slots in the bearing and means whereby pressure on the protruding end of the spindle will disengage said pin from the slots in the hub thereby permitting the hub and sight-disk to rotate as and for the purpose specified.

Signed at Parry Sound this 24th day of February, 1904.

EDWIN SYLVESTER PRATT.

Witnesses:

WILLIAM JOHN JONES,

HIRAM ERSKINE STONE.