

No. 763,348.

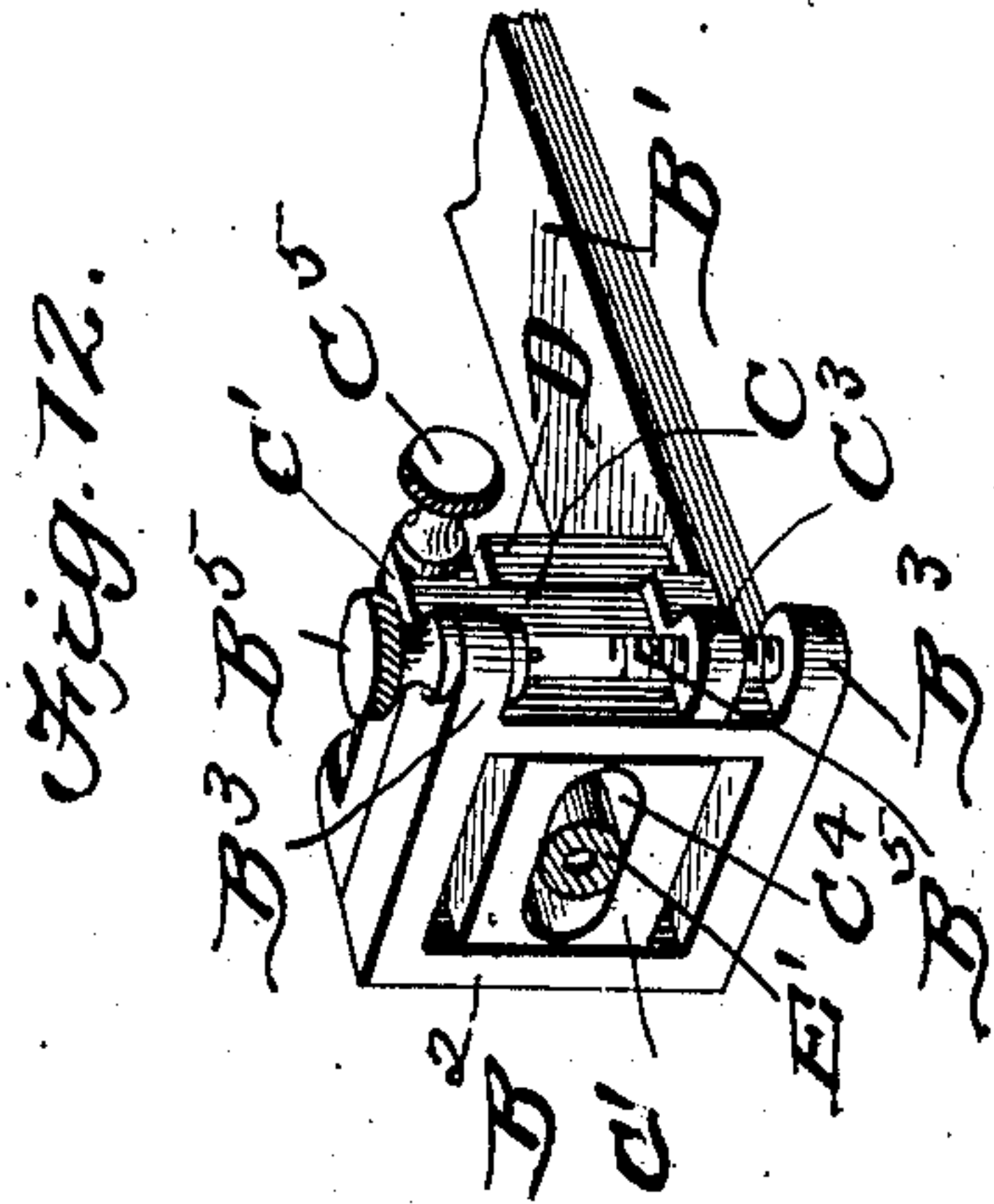
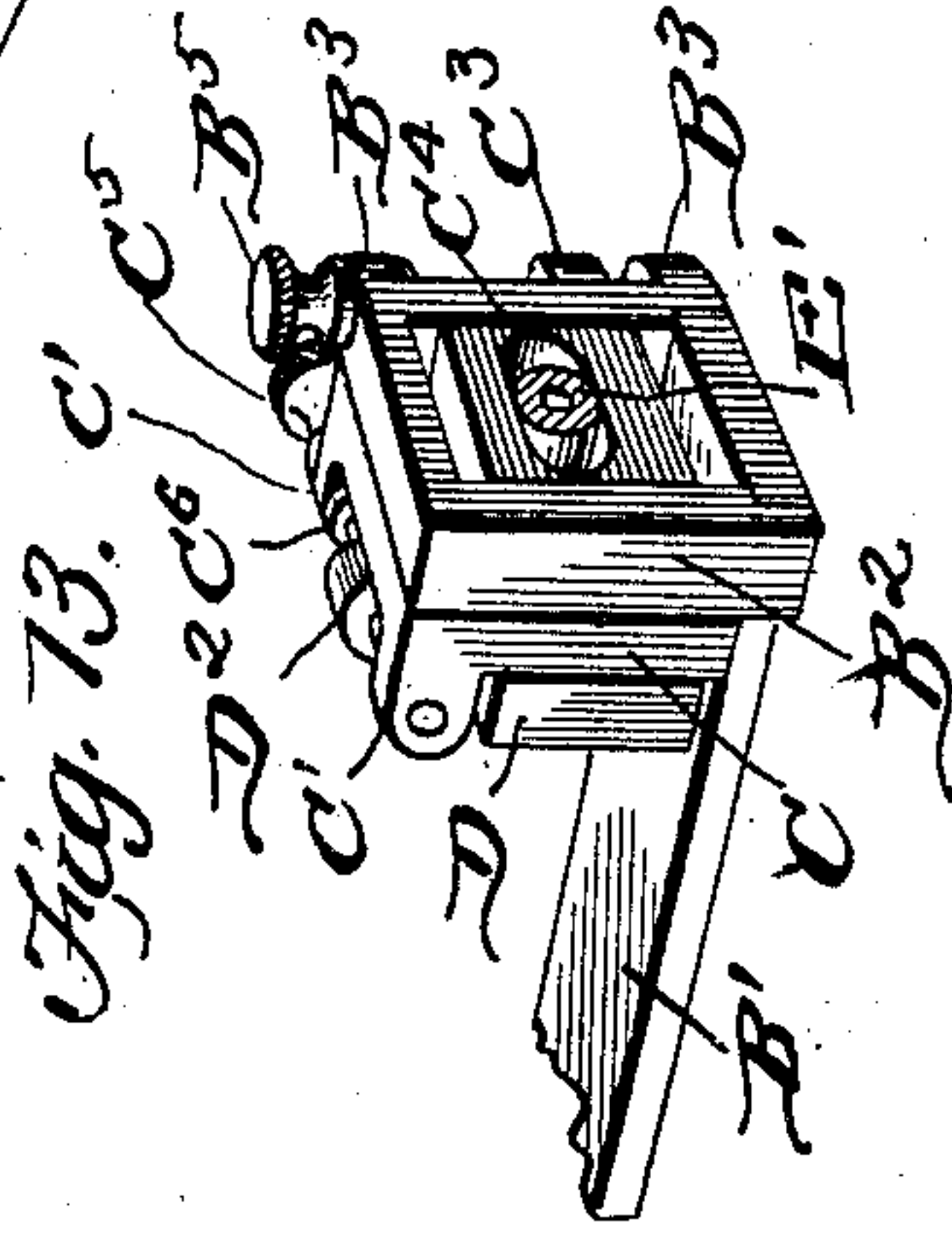
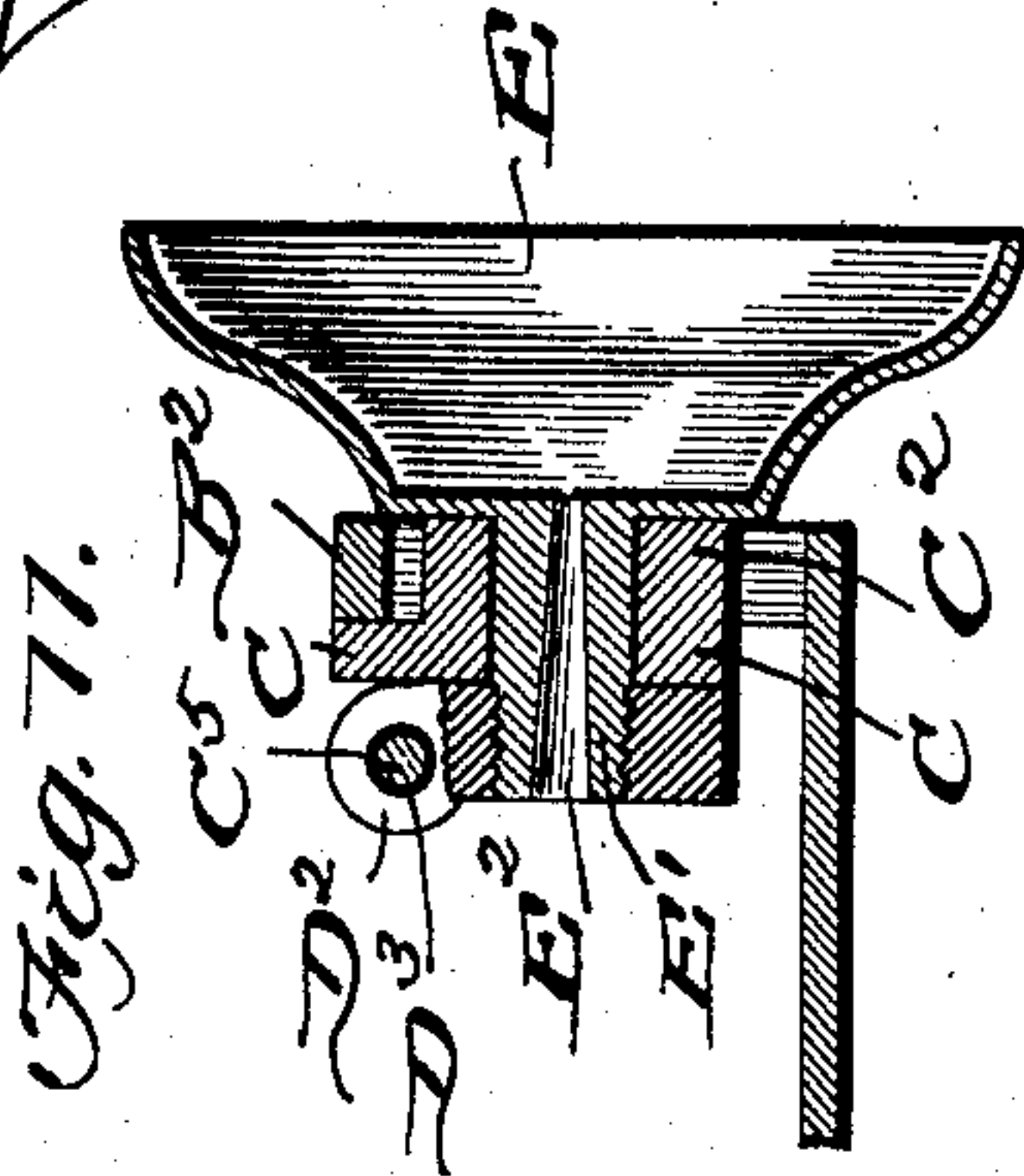
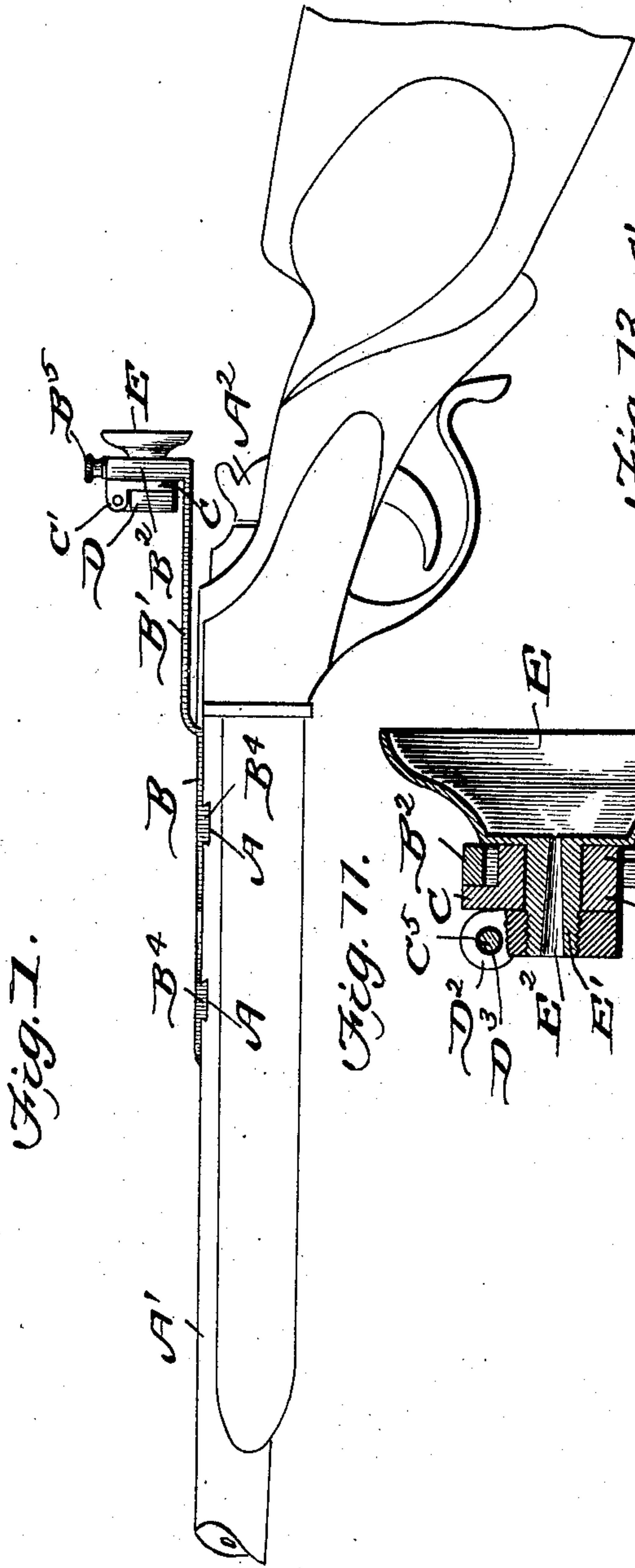
PATENTED JUNE 28, 1904.

A. M. ANDREWS.  
SIGHT FOR GUNS.

APPLICATION FILED JUNE 10, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses  
*M. O. Blouin*  
*C. Shaw*

Inventor  
*A. M. Andrews.*

By  
*O'neara & Brock,*  
Attorneys

No. 763,348.

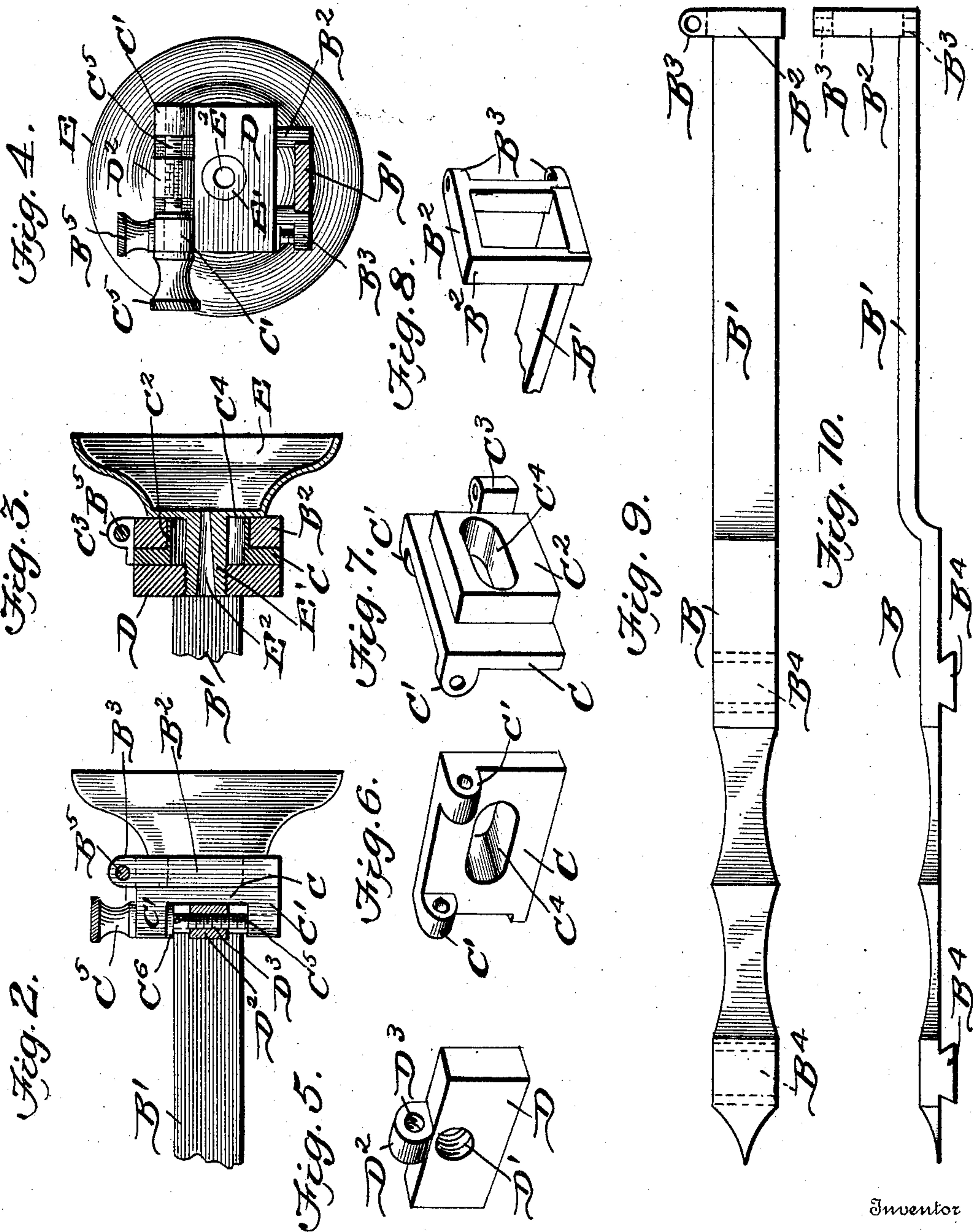
PATENTED JUNE 28, 1904.

A. M. ANDREWS.  
SIGHT FOR GUNS.

APPLICATION FILED JUNE 10, 1903.

NO MODEL.

2 SHEETS—SHEET 2.



Inventor

*A. M. Andrews.*

Witnesses

Witnesses  
M. Blouel,  
C. Shaw

ಪೆಟ್ಟು

O'Meara & Brock,  
Attorneys

Attorneys:



# UNITED STATES PATENT OFFICE.

ALICE MARGARETT ANDREWS, OF WHEELING, WEST VIRGINIA.

## SIGHT FOR GUNS.

SPECIFICATION forming part of Letters Patent No. 763,348, dated June 28, 1904.

Application filed June 10, 1903. Serial No. 160,913. (No model.)

*To all whom it may concern:*

Be it known that I, ALICE MARGARETT ANDREWS, a citizen of the United States, residing at Wheeling, in the county of Ohio and State of West Virginia, have invented a new and useful Sight for Rifles, of which the following is a specification.

My invention is an improvement in a sight for rifles.

The objects of my improvements are to provide a sight having lateral and vertical adjustment.

My invention consists of the novel features and combination of parts described hereinafter, particularly pointed out in the claims, and shown in the accompanying drawings.

In the drawings forming part of this specification, Figure 1 is a side elevation of a rifle, showing my improvement in position. Fig. 2 is a plan view of the sight-piece. Fig. 3 is a horizontal section taken through the sight-opening. Fig. 4 is a front elevation, the supporting-bar being in section. Figs. 5, 6, 7, and 8 are perspective detail views showing parts of the sight detached. Fig. 9 is a plan view of the sight-supporting bar. Fig. 10 is a side elevation of the supporting-bar. Fig. 11 is a vertical section taken at a right angle to that in Fig. 3. Figs. 12 and 13 are perspective views of the sight, the parts being assembled, as seen from different points.

In applying my improved sight to a rifle I cut two transverse dovetail grooves A in a rifle-barrel A'. A supporting-bar B, formed of a piece of thin metal, preferably steel, has its rear half B' offset, so as to throw it above the plane of the forward portion, and at the rear end supports a rectangular frame B<sup>2</sup>, the frame having upper and lower laterally-extending perforated lugs B<sup>3</sup>. On the under surface of the part B are formed dovetailed tongues B<sup>4</sup>, fitting into the dovetail grooves A and holding the bar B firmly on the rifle-barrel, the offset portion B' extending rearwardly over the stock and raised sufficiently above the flange of the barrel to clear the hammer A<sup>2</sup>. A rectangular plate C is provided, having forwardly-projecting perforated ears C' and a rearwardly-projecting block portion C<sup>2</sup> and also having a laterally

and rearwardly extending lug C<sup>3</sup>, vertically perforated. An opening C<sup>4</sup>, oval in cross-section, passes through the block C<sup>2</sup> and plate C. A rectangular block D is formed with a threaded opening D', and above the opening, midway the ends of the block, is a lug D<sup>2</sup>, having a threaded opening D<sup>3</sup> at right angles to the opening D'. In assembling these various parts, which together constitute the sight-carrying frame, the plate C is placed on the portion B' of the supporting-bar resting against the frame B<sup>2</sup>, the block C<sup>2</sup> extending within the frame. The lug C<sup>3</sup> rests immediately above the lower lug B<sup>3</sup>, and a screw B<sup>5</sup> extends through the perforations of the lugs B<sup>3</sup> and works in the threaded perforation of the lug C<sup>3</sup>. The block D fits against the front face of the plate C, and a screw C<sup>5</sup> passes through the ears C' and works in the threaded opening D<sup>3</sup>, a washer C<sup>6</sup> being on the screw adjacent one of the ears C'. A bell-mouth E has an exteriorly-threaded stem E', the said stem having a conical aperture E<sup>2</sup>. The end of the bell-mouth rests adjacent the rear of the frame B<sup>2</sup> and block C<sup>2</sup>, and the threaded stem projects through the opening C<sup>4</sup> and works in the threaded opening D'. As the opening C<sup>4</sup> is horizontally elongated, the stem E' has lateral movement therein. By turning the screw C<sup>5</sup> the block D will be caused to slide laterally on the face of the plate C<sup>2</sup>, moving the stem and bell-mouth with it. By adjusting the screw B<sup>5</sup> the plate C will be moved vertically, carrying the block C<sup>2</sup> and the other parts with it. It will be understood, therefore, that the block C<sup>2</sup> has vertical movement in the frame B<sup>2</sup> and that the block D has lateral horizontal movement between the ears C'.

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

1. The combination with a rifle-barrel, of a rectangular frame supported from said barrel, a block adjustably held in said frame, a second block adapted to slide longitudinally in advance of the first-mentioned block, and a sight-piece supported by and adapted to move with the block.

2. The combination with a rifle-barrel, of a supporting-bar secured thereto and projecting



over and above the rifle-stock, a vertical rectangular frame carried by said bar, a plate having a block adapted to slide vertically in the frame, a block sliding longitudinally on the front face of the plate, and a sight-piece supported by and moving with the plate and blocks.

3. A device of the kind described, comprising a supporting-bar, a rectangular bar, open frame carried by said bar, a plate having a block portion extending rearwardly therefrom, said block portion fitting and sliding in the frame, said plate and block having a transverse opening therethrough, forwardly-projecting ears carried by the plate, a block having a threaded bore alining with the opening in the plate, said block sliding between the ears of the plate, and a bell-shaped sight-piece having a perforated, threaded stem, said stem passing through the opening and working in the bore of the last-mentioned block.

4. In a device of the kind described, a rectan-

gular frame having laterally-extending perforated, upper and lower lugs on one side, a plate having forwardly-projecting ears and a laterally and rearwardly extending lug having a threaded perforation therein, and a rearwardly-extending block sliding in said frame, said plate and block having an opening formed therein, a threaded screw passing through the lugs above mentioned, a block having a threaded bore alining with the opening in the plate and having a lug with a threaded bore transverse to the bore in the block, a screw extending through the ears of the plate and working in the bore of the lug, and a sight-piece having a threaded stem extending through the opening in the plate and first-mentioned block and working in the bore of the last-mentioned block.

ALICE MARGARETT ANDREWS.

Witnesses:

W. C. ANDREWS,  
I. LOEW.