No. 810,661. PATENTED JAN. 23, 1906.

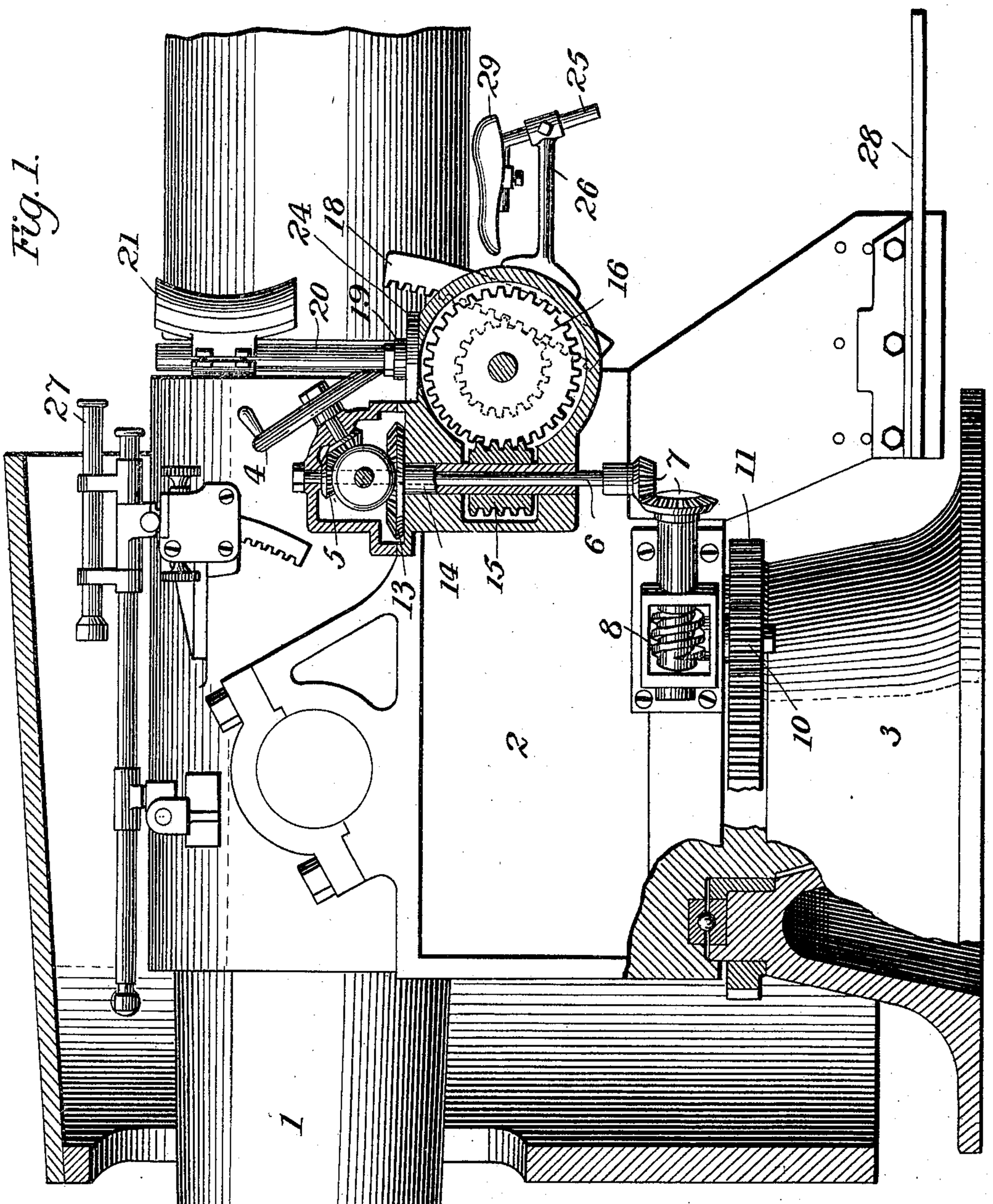
J. F. MEIGS & S. A. S. HAMMAR.

GUN MOUNT.

APPLICATION FILED SEPT. 16, 1903.

2 SHEETS—SHEET 1.

Fig. 1.



Witnesses

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Thos. Gillman, Jr.

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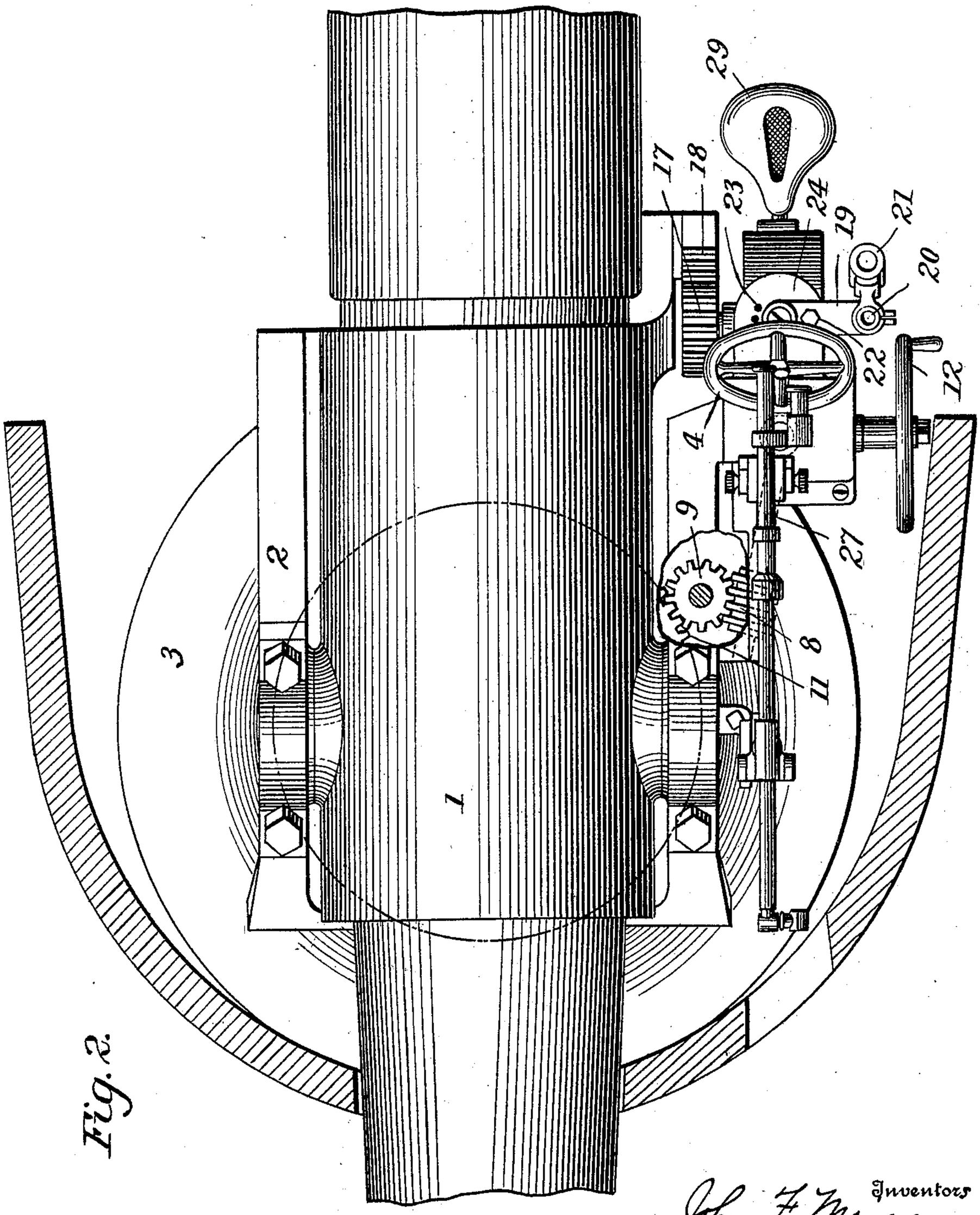

Fig. 2.

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UNITED STATES PATENT OFFICE.

JOHN F. MEIGS AND SIGARD AXEL STEN HAMMAR, OF SOUTH BETHLEHEM, PENNSYLVANIA, ASSIGNORS TO BETHLEHEM STEEL COMPANY, OF SOUTH BETHLEHEM, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

GUN-MOUNT.

No. 810,661. Specification of Letters Patent. Patented Jan. 23, 1906.

Application filed September 16, 1903. Serial No. 173,465.

To all whom it may concern:

Be it known that we, JOHN F. MEIGS, a citizen of the United States, and SIGARD AXEL STEN HAMMAR, a subject of the King of Sweden and Norway, residing at South Bethlehem, in the county of Northampton and State of Pennsylvania, have invented certain new and useful Improvements in Gun-Mounts, of which the following is a specification.

This invention relates to means for adjusting the parts of a gun with which the gunner comes in contact to suit any particular gunner, so that he may be enabled to handle the gun with greater ease and comfort and follow its movements more readily with a view to improving the accuracy of aim and prolonging the period with which the gun may be served without exhausting the operator.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a portion of a gun, the shield and parts of the carriage and pedestal being broken away. Fig. 2 is a plan view of the same.

Referring to the drawings, 1 indicates the gun, 2 the carriage, and 3 the pedestal upon which the carriage is mounted. The gun is turned in a horizontal plane by traversing mechanism comprising a hand-wheel 4, bevel-gears 5, shaft 6, bevel-gears 7, worm-wheel 8, worm-gear 9, and pinion 10, all mounted on the carriage, the pinion 10 engaging a stationary gear 11 upon the pedestal. The gun is elevated or depressed by mechanism comprising a hand-wheel 12, bevel-gears 13, hollow shaft 14, worm-wheel 15, worm-gear 16, and pinion 17, all of which are likewise mounted upon the carriage. The pinion 17 engages a segmental rack 18, rigidly connected with the gun.

Pivotally mounted upon the carriage is an arm 19, carrying at its outer end a post 20, to which is adjustably secured a shoulder-brace 21. The arm 19 is movable in a horizontal plane to adjust the post laterally, so that the brace may be used for either shoulder, and it may be locked at different positions by means of a bolt 22, which passes through the arm and through openings 23 in a plate 24. Any other suitable locking mechanism may be used for this purpose. When the brace 21 is in the position shown in Fig. 2 of the drawings, the gunner may rest his left shoulder against it. If he prefers to rest his right shoulder against the brace, the arm 19 is swung about its pivot one hundred and eighty degrees more or less and the brace 21 is suitably adjusted for height and angle upon the post 20.

In the rear of the brace a seat 29 is provided for the gunner. This seat may be of any suitable shape, that shown, which is in the form of a bicycle-seat, being preferred. This seat is mounted upon an angular post 25, which is adjustably secured to an arm 26. The post has a horizontal portion upon which the seat is adjustable, and hence said seat is capable of both horizontal and vertical adjustment.

The gun is provided with the usual sights or telescope 27, and one object of the invention is to enable any gunner to comfortably adjust himself to the sighting devices. The carriage is also provided with a platform 28, upon which an assistant may stand to aid in directing the gun.

It will be evident that many changes may be made in the details of construction of the above-described apparatus without departing from the spirit and scope of the invention, and it will therefore be understood that we do not limit ourselves to the precise construction and arrangement illustrated and described.

What we claim, and desire to secure by Letters Patent, is—

1. The combination with a gun and its carriage, of a post laterally adjustable with respect to the carriage, means for locking said post in different positions, and a shoulder-brace vertically adjustable upon said post.

2. The combination with a gun and its carriage, of a swinging support, a post mounted upon said support, means for locking said support in different positions, and a shoulder-brace adjustably mounted on said post.

3. The combination with a gun and its carriage, of a seat adjustably mounted on the carriage, and a shoulder-brace also mounted on said carriage and adjustable relatively to said seat.

4. The combination with a gun and its carriage, of elevating and depressing mechanism mounted on the carriage, and a shoulder-

brace having both lateral and vertical adjustment relative to said mechanism.

5. The combination with a gun and its carriage, of sighting devices mounted on said gun, and a seat and shoulder-brace, said seat and shoulder-brace being each mounted on the carriage and adjustable relatively to said sighting devices.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

JOHN F. MEIGS.
SIGARD AXEL STEN HAMMAR.

Witnesses:
EDWIN A. MILLER,
WALTER J. RAYNER.