

No. 842,570.

PATENTED JAN. 29, 1907.

W. MAYER.
MOUNT FOR PORTABLE GUNS.
APPLICATION FILED OCT. 30, 1905.

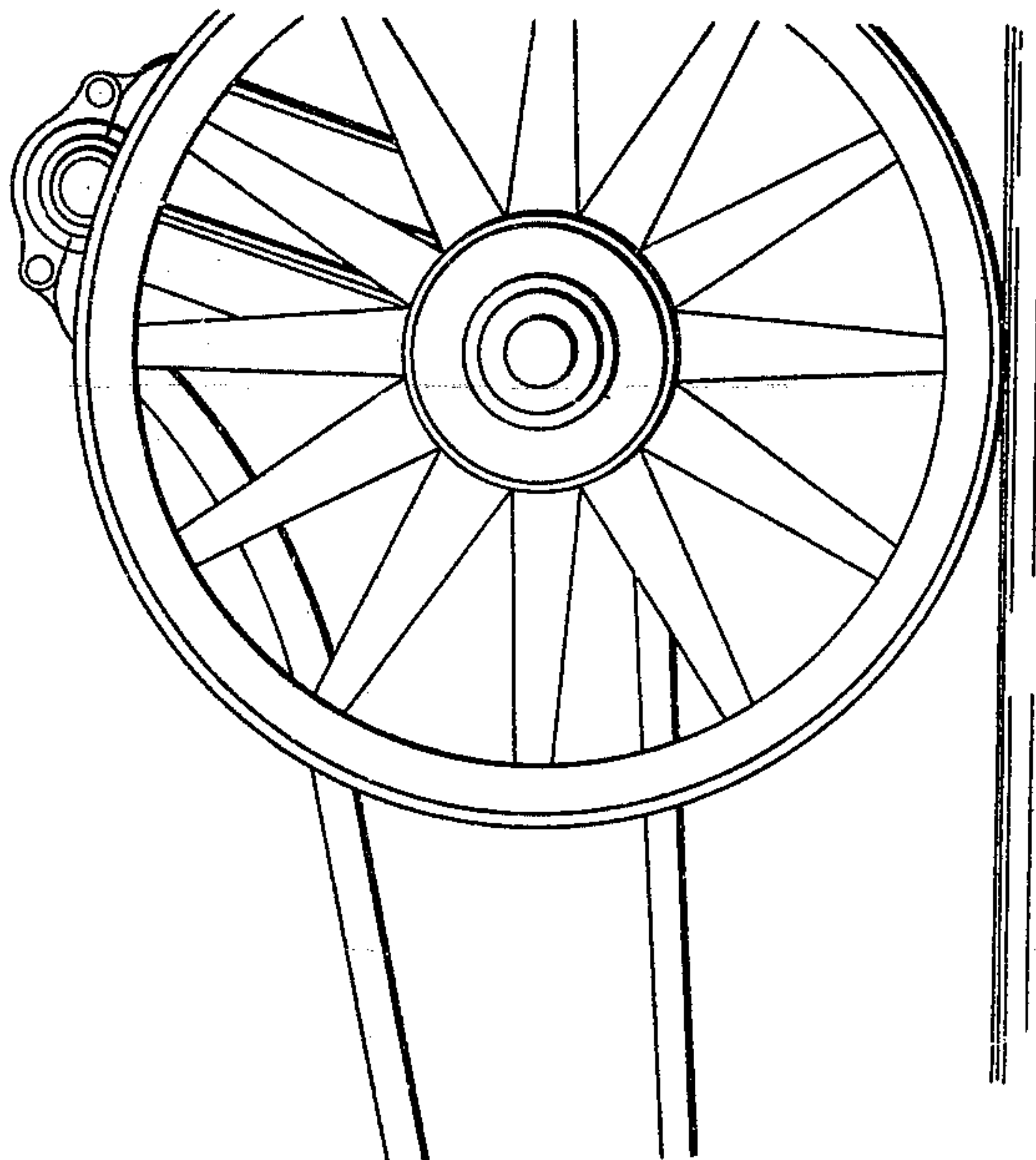


Fig. 1.

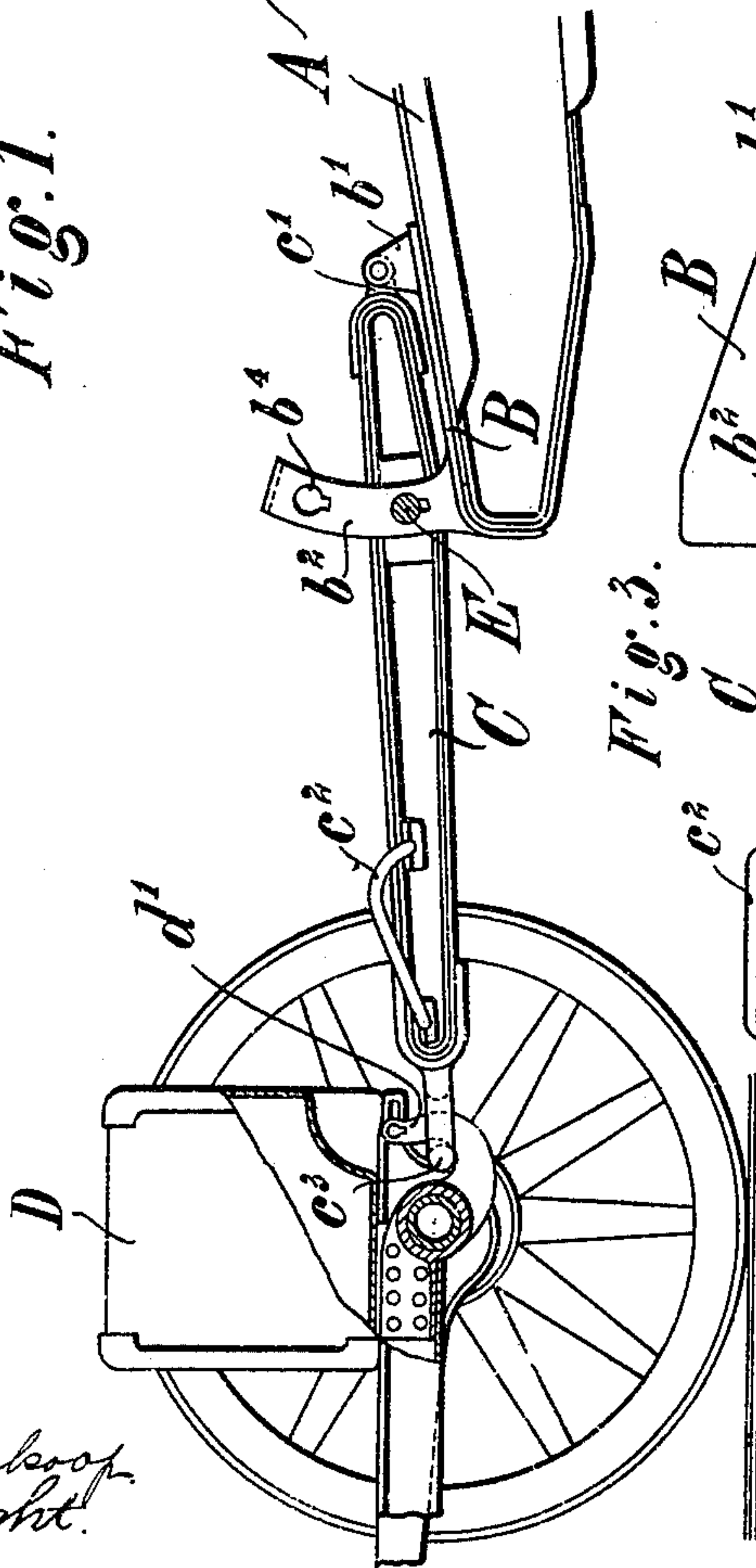


Fig. 2.

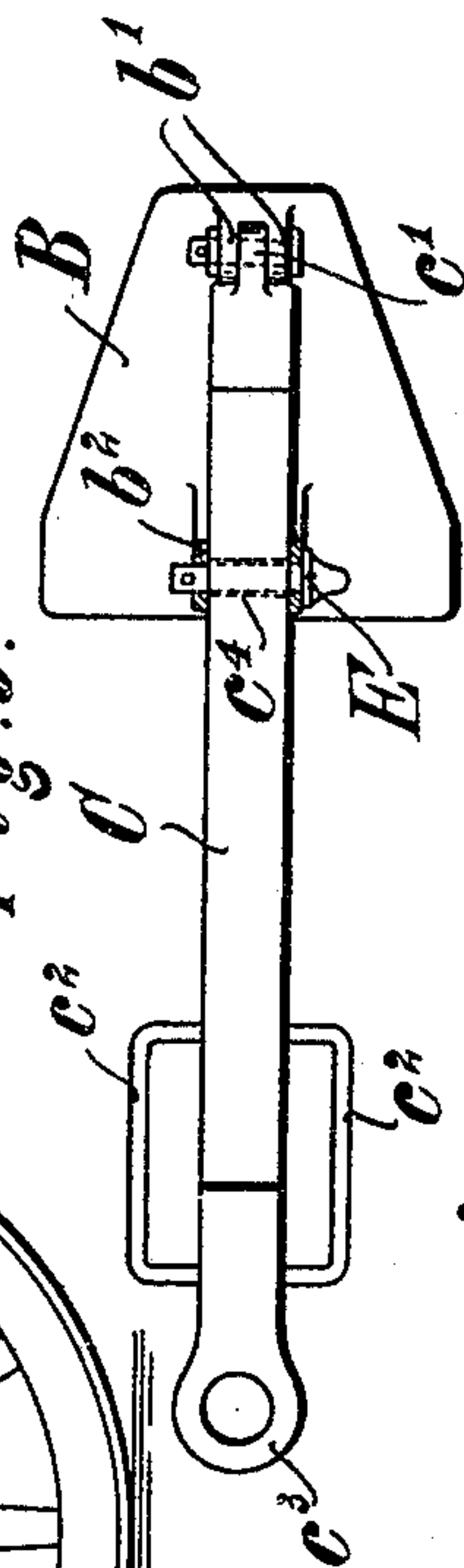


Fig. 3.

Fig. 4.

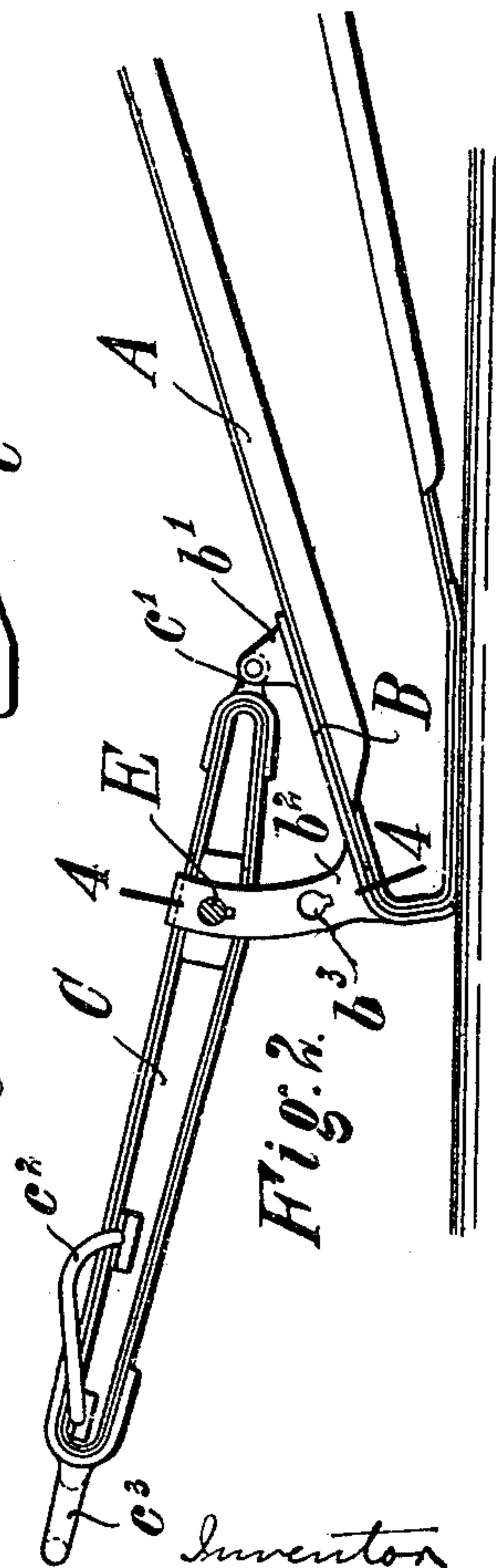
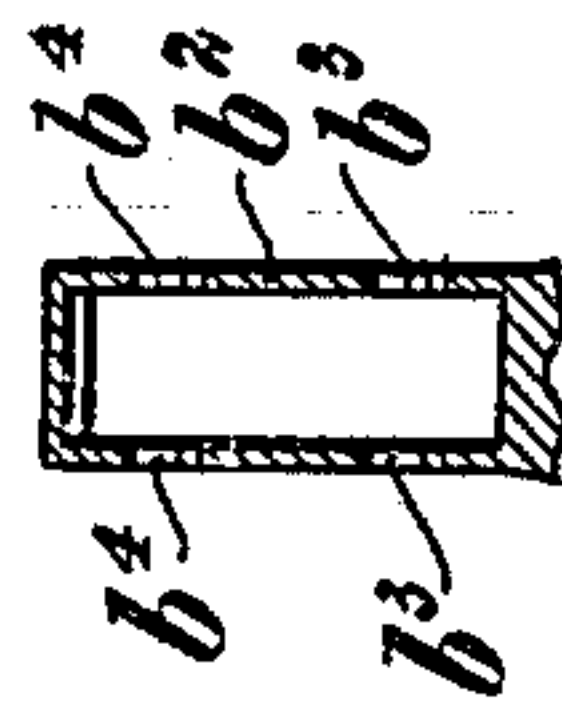


Fig. 5.

Witnesses
J. N. Thompson
A. O. Knight.

Inventor
Wilhelm Mayer
By Knight & Co. Attys

UNITED STATES PATENT OFFICE.

WILHELM MAYER, OF ESSEN-RUTTENSCHIED, GERMANY, ASSIGNOR TO
FRIED. KRUPP AKTIENGESELLSCHAFT, OF ESSEN-ON-THE-RUHR, GER-
MANY.

MOUNT FOR PORTABLE GUNS.

No. 842,570.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed October 30, 1905. Serial No. 284,994.

To all whom it may concern:

Be it known that I, WILHELM MAYER, a subject of the Emperor of Germany, and a resident of 29 Hedwigstrasse, Essen-Ruttenscheid, Germany, have invented certain new and useful Improvements in Mounts for Portable Guns, of which the following is a specification.

In portable-gun mounts having a comparatively wide trail it is customary to introduce a trail-beam between the trail and the limber in order to facilitate connecting the parts and to increase the scope of turning movement of the front axle of the mount.

The object of the present invention is to make provision for the convenient use of the trail-beam as a directing-pole, (taking the place of the hand-spike formerly used in field-guns,) which was difficult or even impossible with trail-beams as arranged on the trails of such mounts heretofore.

In the accompanying drawings an embodiment of the invention is shown by way of example.

Figure 1 is a side view, partly in section, of a mount and a limber, some parts being broken away and the mount being limbered up. Fig. 2 is a view corresponding to Fig. 1 of the trail and the trail-beam, the mount being unlimbered. Fig. 3 is a top view, partly in section, of the trail-beam and its connection with the trail; and Fig. 4 is a sectional detail view on line 4 4, Fig. 2.

On the rear end of the trail A is secured a trail-plate B, Figs. 1 to 3, which carries a bearing-block b' and a rectangular frame b^2 . (See also Fig. 4.) The trail-beam C is pivoted in the bearing-block b' through the medium of an eye c' and a pivot-pin with freedom of vertical swinging movement and works through the frame b^2 to prevent relative horizontal movement on the trail. The free end of the trail-beam is provided with two handles c^2 and an eye c^3 , which latter when the mount is limbered up, Fig. 1, engages with the hook d' of the limber D. The trail-beam can be secured in two different positions relatively to the mount A through the medium of a key-bolt E, Figs. 1 to 3, and for this purpose the frame b^2 is provided with two pair of perforations b^3 and

b^4 , (see in particular Fig. 4,) and the trail-beam is provided with a perforation c^4 , Fig. 3. In the lower position, Fig. 1, the trail-beam serves as a connecting-beam between the mount and the limber, while in its upper position, Fig. 2, it is presented in convenient and effective position for use as a training or directing pole, taking the place of the old handspike.

Having thus described my invention, what I claim as new is—

1. The combination with a portable-gun mount having a trail, of a trail-beam connected to the trail and mounted to swing vertically thereto, and single means carried by the trail for fixing the trail-beam in different angular positions relatively to the trail.

2. The combination of a portable-gun mount having a trail, a trail-beam having jointed connection with the trail, a frame on the trail adapted to receive the trail-beam, and means for fixing the trail-beam in the different positions in said frame.

3. The combination of a portable-gun mount having a trail, a limber, a trail-beam connected to the trail and mounted to swing vertically thereto and adapted to connect the mount with the limber, and means carried by the trail for fixing the trail-beam in different angular positions relatively to the trail.

4. The combination of the gun-mount trail, the trail-beam, the bearing-block in which the end of said trail-beam is secured by a horizontal pin, the frame confining the trail-beam transversely on the trail, and the key-bolt for adjustably securing the trail-beam against vertical movement in the frame.

5. The combination of a portable-gun mount having a trail, a limber, a trail-beam having means for connecting the trail to the limber and mounted to swing vertically thereto, means carried by the trail for fixing the trail-beam in an upper position to serve as a handspike and for fixing the trail-beam in a lower position to serve as a connecting means between the trail and the limber.

6. The combination of a portable-gun mount having a trail, a limber, a trail-beam having means for connecting the trail to the limber and mounted on the trail to swing vertically thereto, means for limiting the swing-

ing movement of the trail-beam relatively to
the limber, means carried by the trail for fix-
ing the trail-beam in an upper position to
serve as a handspike and for fixing the trail-
5 beam in a lower position to serve as a con-
necting means between the trail and the lim-
ber.

The foregoing specification signed at Düs-
seldorf this 18th day of October, 1905.

WILHELM MAYER.

In presence of—

WILLIAM ESSENWEIN,
ERNEST ANDRÉ.