Feb. 22, 1927. 1,618,966

W. R. BULL

BIPOD

Filed Oct. 31, 1922

Fig. 1.

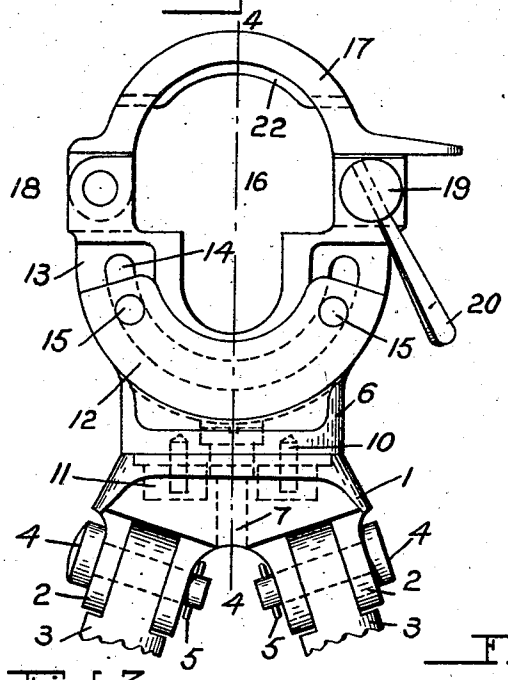


Fig. 2.

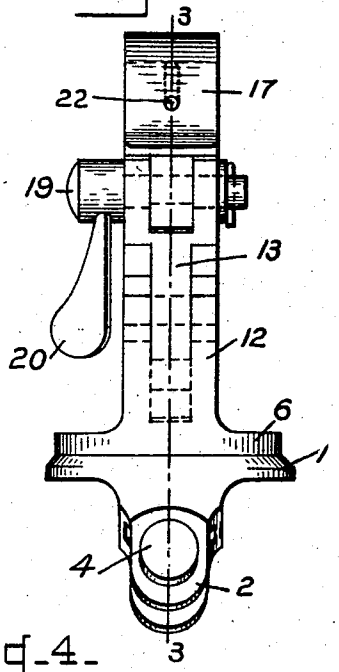


Fig. 3.

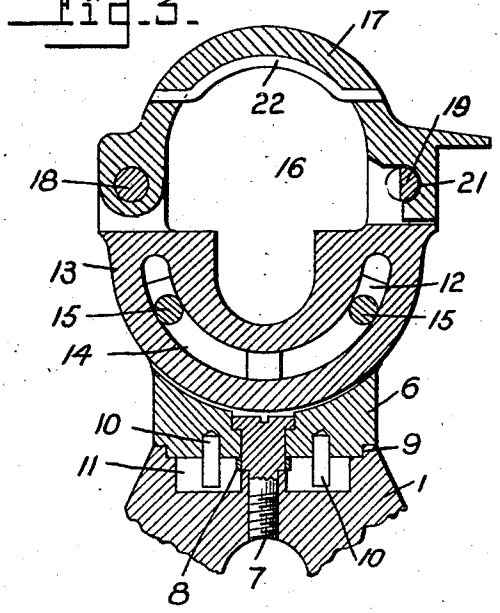
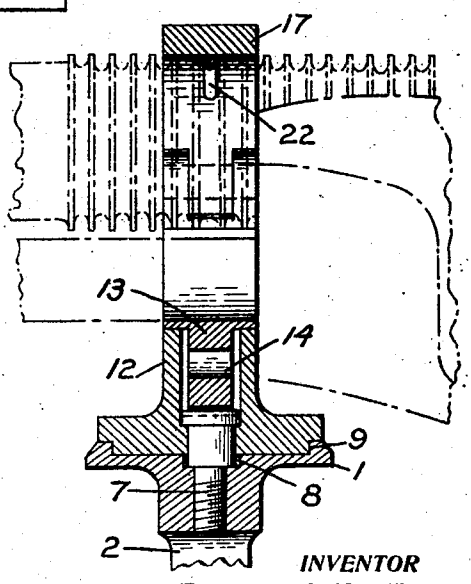


Fig. 4.



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UNITED STATES PATENT OFFICE.

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BIPOD.

Application filed October 31, 1922. Serial No. 598,206.

(GRANTED UNDER THE ACT OF MARCH 3, 1883; 22 STAT. L. 625.)

The invention described herein may be used by the Government or any of its officers or employees in prosecution of work for the Government, or by any other person in the United States without payment to me of any royalty thereon, in accordance with the act of March 3, 1883.

The subject of this invention is a bipod designed as a support for fire arms and, more especially for machine rifles.

In the design of a support of this character it is desirable that the gun barrel be properly held and that means be provided for correctly positioning the gun though the surface upon which the support rests be uneven.

The present invention is designed to accomplish the desired result above indicated and the specific means provided for this purpose is a rest in which the gun may be clamped capable of transverse rocking movement on its support.

With these and other objects in view, my invention resides in the novel arrangement and combination of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

A practical embodiment of the invention is illustrated in the accompanying drawing, wherein:

Fig. 1 is a rear elevation of a bipod constructed in accordance with my invention, the lower portion of the legs broken away;

Fig. 2 is a side elevation of the same;

Fig. 3 is a section taken on the lines 3—3 of Fig. 2;

Fig. 4 is a section taken on the lines 4—4 of Fig. 1, a fragment of a gun shown in places in broken lines.

Referring to the drawings by numerals of reference:

In carrying out my invention I prefer to provide a head 1 formed with pairs of depending lugs 2 between which the upper reduced ends of the legs 3 are positioned. Each pair of lugs and each reduced end are provided with alining apertures for the reception of a pin 4 which serves to pivotally connect the leg to the head and which may be conveniently held in place by a cotter pin 5.

A member 6 is swiveled to the head preferably through means of a swivel screw 7 which is encircled by a bushing ring 8, and the member is supported in its movement by a flange 9 which projects into a recess or counterbore in the head. To provide for limiting the swivel movement of the member, pins 10 are threaded into the base of the member and depend into circular recesses 11 formed in the head. The swiveled member is formed at its upper portion with a pair of spaced apart arcuate plates 12 between which is mounted for rocking movement transversely of the bipod a gun rest 13, having an arcuate slot 14 formed therein through which projects the pins 15—15, the ends of which are secured in the plates 12 and which serve to retain the rest assembled with the swiveled member.

The rest is preferably formed with an irregular opening 16 for the reception of the gun barrel and recoil or gas cylinder and has a clamp 17 hinged thereto as at 18, the clamp being locked in closed position by any suitable means such as the cam bolt 19, operated through a handle 20, the bolt, in locked position, swinging into a groove 21 formed in the clamp and in unlocked position swinging free of the groove, as seen most clearly in Fig. 3.

To prevent the gun moving longitudinally of the bipod, a wire 22 is positioned within the clamp with its ends anchored in apertures formed therein and the wire rests in a groove formed in the gun barrel, as shown most clearly in Fig. 4.

When the terms "transverse rocking movement" or "rocking movement transversely" are used herein there is meant a rocking movement about an axis perpendicular to the plane of the rest, that is, a rocking movement in a plane extending transversely of the bipod.

I claim:

1. A gun support, embodying a head, a swivel member secured to the head to oscillate about a vertical axis, said member formed with spaced apart arcuate plates, a

gun rest mounted for transverse rocking movement upon said plates, and means for clamping the gun in place in said rest.

2. A gun support, embodying a head, a swivel member secured to the head, said member formed with arcuate plates, a gun rest mounted for transverse rocking movement upon said plates, and a clamp carried by the rest for clamping a gun in place therein.

3. A gun support, embodying a head, a swivel member secured to the head, said member formed with arcuate plates, and a gun rest mounted for transverse rocking movement upon said plates.

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