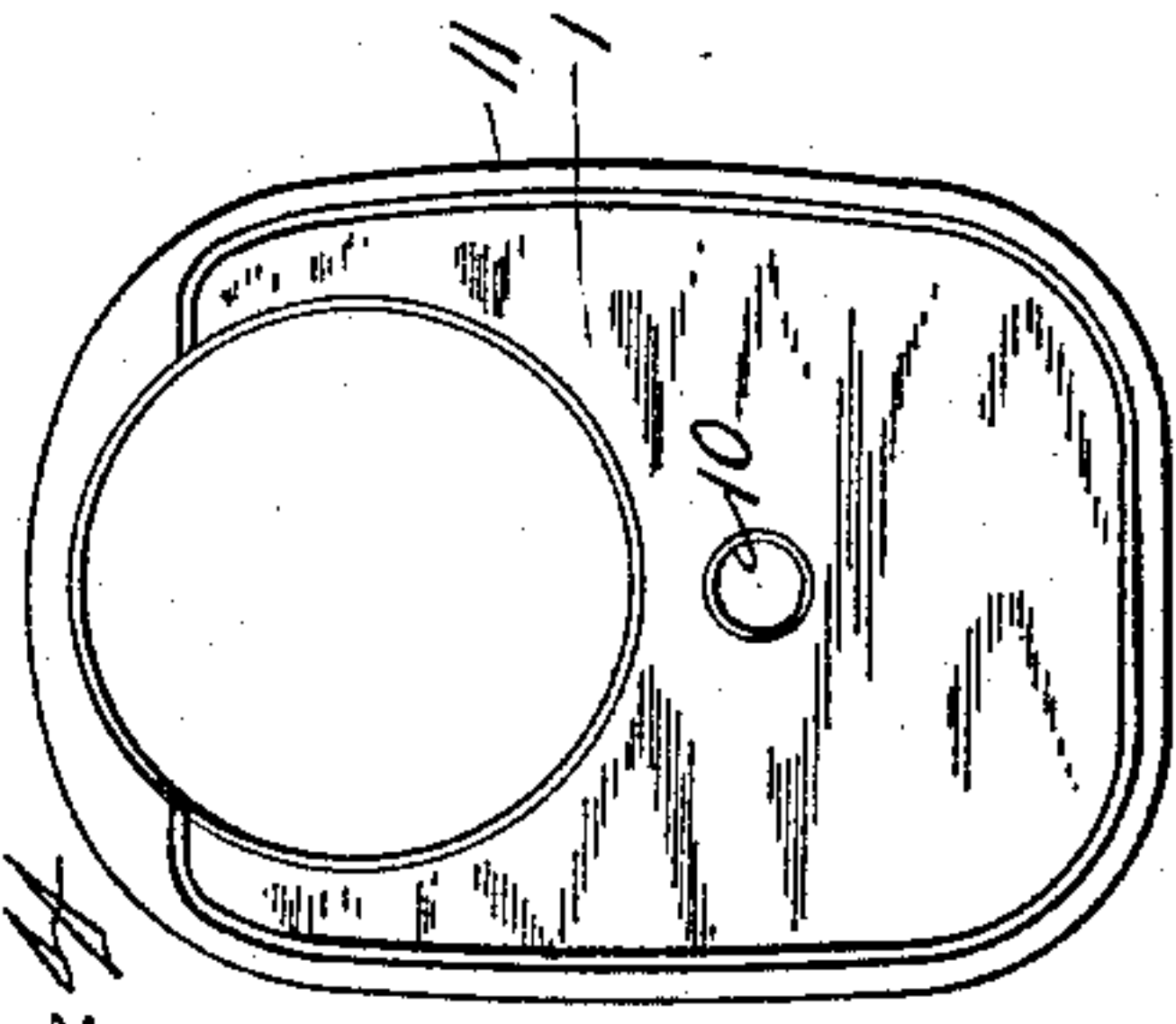
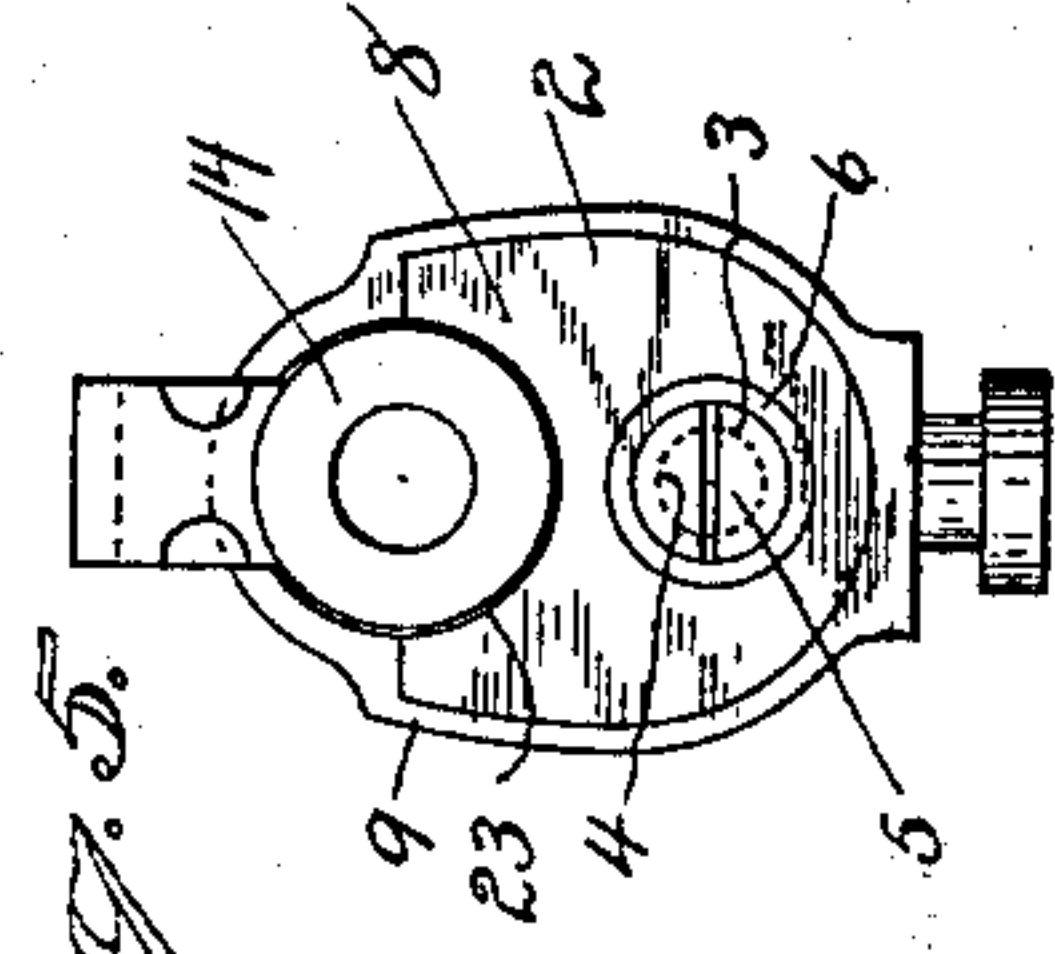
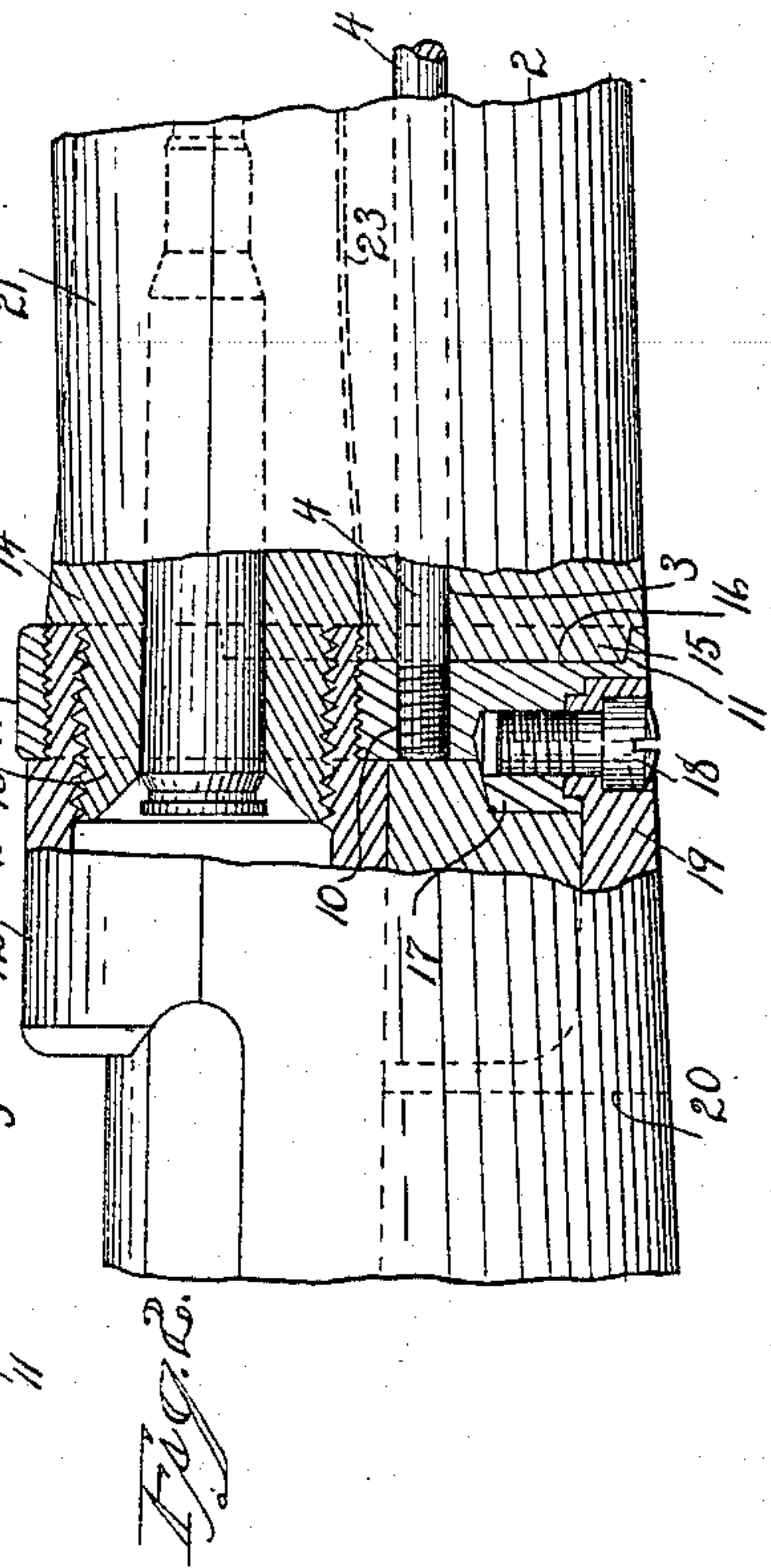
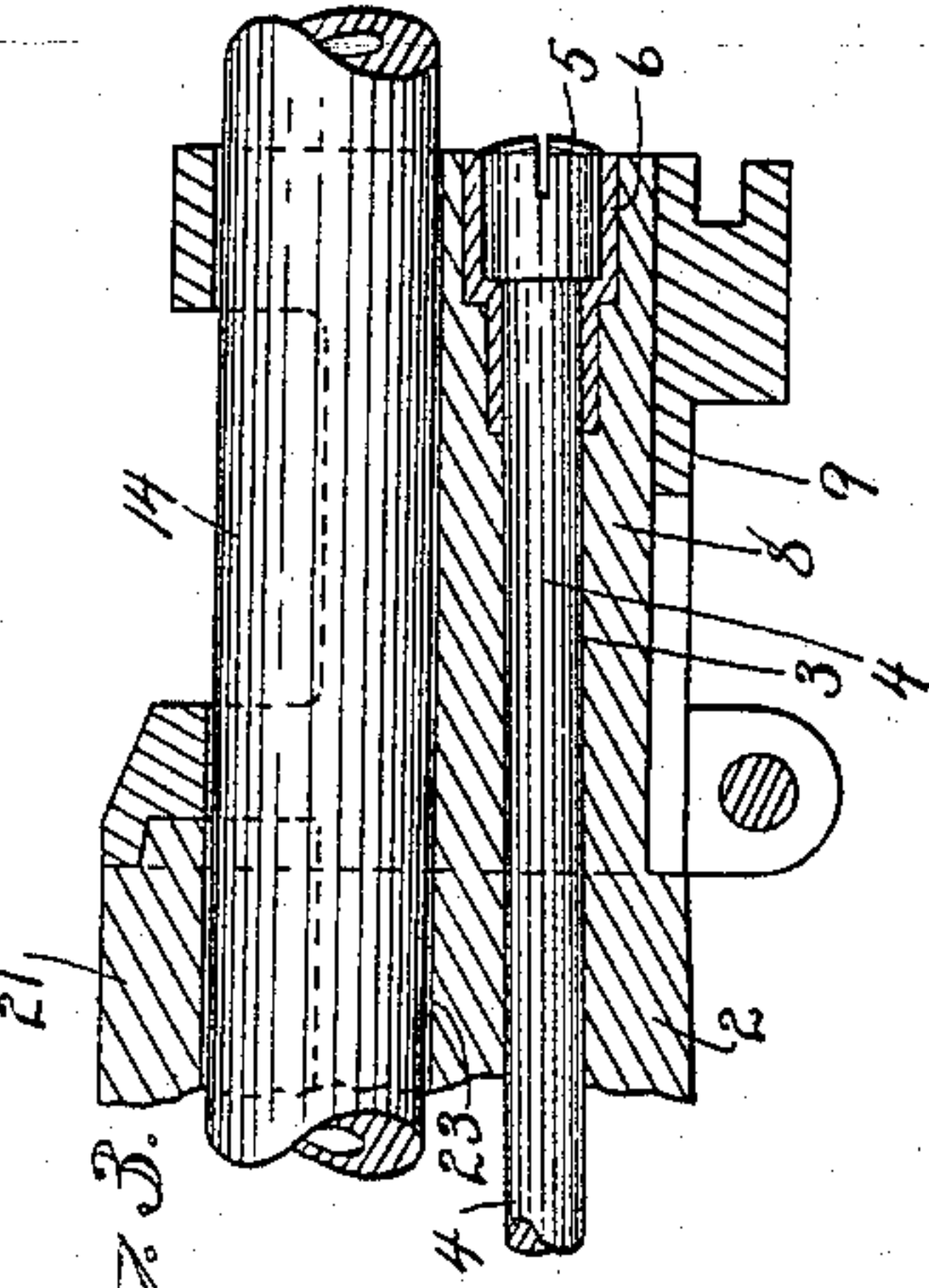
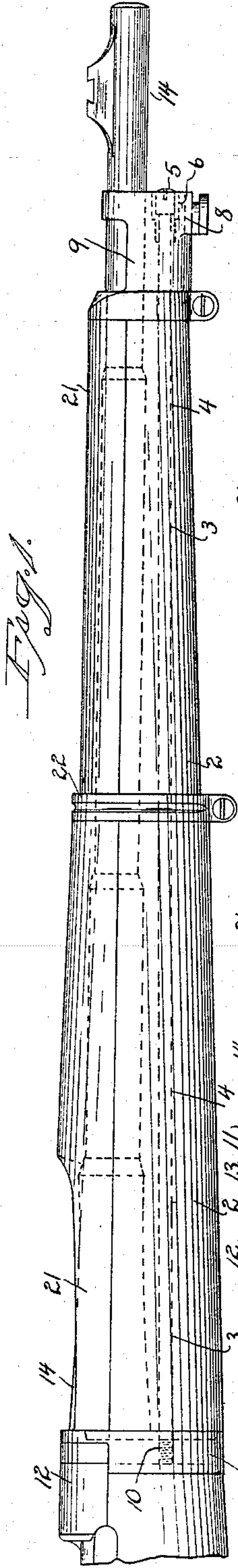


T. C. JOHNSON.
MILITARY SHOULDER ARM.
APPLICATION FILED NOV. 2, 1915.

1,166,910.

Patented Jan. 4, 1916.



Inventor
Thomas C. Johnson
Seymour T. Carey
Att'y

UNITED STATES PATENT OFFICE.

THOMAS C. JOHNSON, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO WINCHESTER
REPEATING ARMS CO., OF NEW HAVEN, CONNECTICUT, A CORPORATION.

MILITARY SHOULDER-ARM.

1,166,910.

Specification of Letters Patent.

Patented Jan. 4, 1916.

Application filed November 2, 1915. Serial No. 59,313.

To all whom it may concern:

Be it known that I, THOMAS C. JOHNSON, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Military Shoulder-Arms; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application, and represent, in—

Figure 1 a view in right hand side elevation of the forward portion of a military shoulder-arm constructed in accordance with my invention. Fig. 2 a broken side view of the middle portion thereof partly in right hand side elevation and partly in vertical section. Fig. 3 a broken view in vertical section of the forward end of the gun. Fig. 4 a detached view in front elevation of the receiver-extension. Fig. 5 a view in front elevation of the muzzle-end of the gun.

My invention relates to an improvement in military shoulder-arms, the object being to provide simple and reliable means for holding the forestock against forward longitudinal displacement without imposing any strain upon the barrel of the gun.

With these ends in view, my invention consists in a military shoulder-arm having certain details of construction and combinations of parts as will be hereinafter described and pointed out in the claims.

In carrying out my invention as herein shown, the forestock 2 is formed with a centrally arranged, longitudinal bore 3 extending throughout its length, for the reception of a retaining-rod 4 the forward end of which is provided with a slotted head 5 entered into a shouldered bushing or escutcheon 6 flushed into the shouldered forward end of the bore 3 and located in the forward end of a long tenon 8 formed upon the forward end of the forestock 2, the bayonet-band 9, which may be of any approved construction, being sleeved over the said

tenon 8 in assembling the gun. The said bayonet-band supports the forward end of the forestock which is by it virtually suspended from the barrel. At its rear end, the rod 4 is threaded and entered into a threaded opening 10 formed in the receiver-extension 11 which is screwed upon the receiver 12 and virtually forms a part thereof, the said receiver-extension being provided with a threaded opening for receiving the shank 13 of the gun-barrel 14. At its rear end, the forestock is formed with a short tenon 15 for insertion into a shallow recess 16 in the forward face of the said receiver-extension which is formed upon its rear face with a threaded lug 17 for the reception of a screw 18 passing through the forwardly projecting tang 19 of the box-magazine 20. The arm is provided with the usual barrel-cover 21 held in place by the bayonet-band 9 and the middle-band 22.

Under the construction described, the forestock 2 is firmly held by the retaining-rod 4 against forward longitudinal displacement without imposing any strain upon the gun-barrel from which the forestock is preferably cleared by a small clearance space 23.

So far as my present invention is concerned, the receiver-extension 11 might be made integral with the receiver 12.

The term "receiver" in the claims is to be understood as covering the receiver whether its forward-extension 11 is integral or otherwise, except in those claims in which the receiver-extension is specifically mentioned.

I claim:—

1. In a military shoulder-arm, the combination with the receiver thereof, of a forestock, means for supporting the forward end of the forestock with reference to the barrel, and a retaining-rod connecting the forward end of the forestock with the receiver, whereby it is prevented against forward longitudinal displacement.

2. In a military shoulder-arm, the combination with the receiver, barrel and bayonet-band thereof, of a forestock supported at its rear end by the receiver and at its

forward end by a bayonet-band, and a retaining-rod extending throughout the length of the forestock and having its rear end connected with the receiver.

3. In a military shoulder-arm, the combination with the receiver and receiver-extension thereof, of a barrel, a forestock, means

for supporting the forward end of the forestock from the barrel, and a retaining-rod extending throughout the length of the forestock and having its rear end entered into the said receiver-extension.

THOMAS C. JOHNSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."