

No. 666,564.

Patented Jan. 22, 1901.

C. B. SHAW.
RECOIL CUSHION FOR FIREARMS.

(Application filed May 21, 1900.)

(No Model.)

Fig. I.

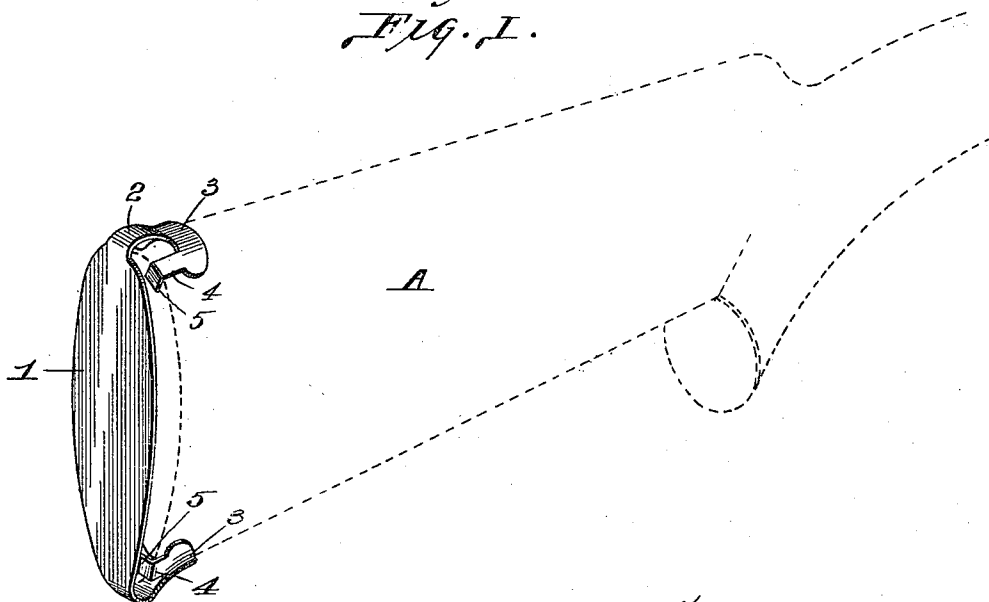


Fig. II.

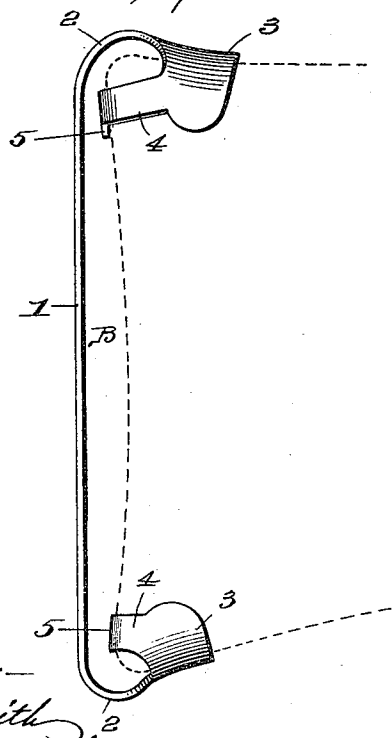
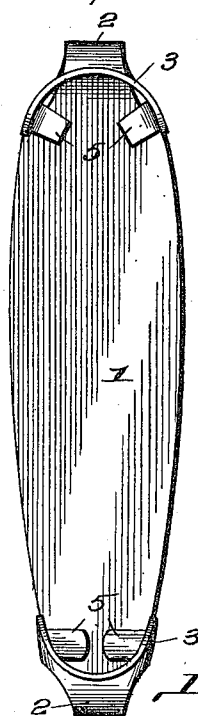


Fig. III.



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UNITED STATES PATENT OFFICE.

CAMPBELL B. SHAW, OF KIRKWOOD, MISSOURI.

RECOIL-CUSHION FOR FIREARMS.

SPECIFICATION forming part of Letters Patent No. 666,564, dated January 22, 1901.

Application filed May 21, 1900. Serial No. 17,418. (No model.)

To all whom it may concern:

Be it known that I, CAMPBELL B. SHAW, a citizen of the United States, residing at Kirkwood, in the county of St. Louis and State of Missouri, have invented certain new and useful Improvements in Recoil-Cushions for Firearms, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a spring-plate for application to the butts of gun-stocks to serve as a cushion on the recoil of the gun in the discharge thereof for the purpose of avoiding shock to the operator's shoulder.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a perspective view of my recoil-cushion applied to the gun-stock, shown in dotted lines. Fig. II is a side view of the cushion. Fig. III is an inside face view of the cushion.

The cushion is preferably constructed of metal, such as spring-steel, and is applied to the butt of the gun-stock by clamping it over the edges thereof.

I designates the cushion-plate body, provided at each end with inturned arms 2, which carry cross-arms 3, having a configuration corresponding to the shape of the gun-stock A at its edges, so that said cross-arms fit snugly to said stock. Projecting rearwardly from the cross-arms 3 are tongues 4, provided with inturned lips 5, which bear against the butt of the gun-stock and limit the inward movement of the cross-arms 3 on the gun-stock, so that the plate-body 1 is held slightly removed from the butt of the gun to produce a space B (see Fig. II) between said plate-body and the gun-stock butt. The inturned arms 2, projecting from the body-plate of the cushion, hold the cross-arms 3 firmly to the stock of the gun when the cushion is applied thereto, and the tongues 4, with their lips 5, hold the cross-arms from passing onto the stock farther than is permitted by the length of the tongues, so that the space B between the plate-body and the butt of the gun-stock is always preserved to permit the inward play

of the plate-body on the recoil of the gun, and by this means the cushion is permitted to receive all of the shock on the recoil of the gun, whereby the operator's shoulder is relieved from the jar of said recoil.

The cushion is easily affixed to the gun-stock by spreading the cross-arms 3 apart and slipping them onto the gun-stock until the lips 5 rest against the butt of the stock, and it may be as readily removed when desired. The entire cushion being of one piece and of spring material, it clamps tightly to the stock and retains its position without liability to displacement. Where desirable, any suitable lining may be applied to the cross-arms 3 and tongues 4 to avoid marring of the gun-stock. The arms 2 between the plate-body 1 and the cross-arms 3 provide for ample springing of the plate-body on the recoil of the gun, as is obvious, by reason of their form.

I claim as my invention—

1. As a new article of manufacture a recoil-cushion for firearms, said cushion being composed of a metallic spring-plate having integral spring-arms adapted to be attached to the stock of a firearm and through which the cushion is held to said stock, substantially as described.

2. A recoil-cushion for firearms, said cushion comprising a metallic spring-plate having incurved arms adapted to be attached to the stock of the firearm, substantially as described.

3. A recoil-cushion for firearms comprising a spring-plate having inturned arms, and cross-arms carried by said inturned arms adapted to clamp the stock of the firearm, substantially as described.

4. A recoil-cushion for firearms comprising a spring-plate having inturned arms, cross-arms carried by said inturned arms, rearwardly-extending tongues carried by said cross-arms, and lips carried by said tongues adapted to rest against the butt of the stock of the firearm, substantially as described.

CAMPBELL B. SHAW.

In presence of—

E. S. KNIGHT,

N. V. ALEXANDER.