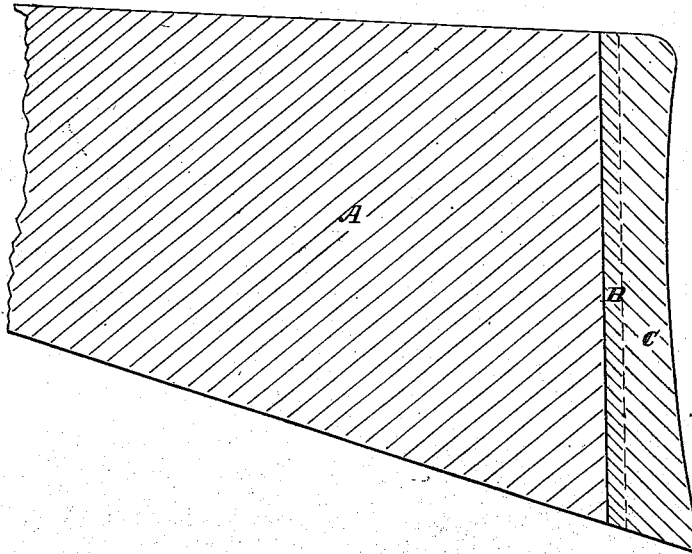


H. A. SILVER.

Elastic Butt-Plate for Fire-Arms.

No. 167,701.

Patented Sept. 14, 1875.



Witnesses:

Wm. E. Bullock,  
Arthur C. Fraser.

Inventor:

Hugh A. Silver.  
Per Bunker & Fraser  
Atty's.

# UNITED STATES PATENT OFFICE.

HUGH ADAMS SILVER, OF CORNHILL, LONDON, ENGLAND.

## IMPROVEMENT IN ELASTIC BUTT-PLATES FOR FIRE-ARMS.

Specification forming part of Letters Patent No. 167,701, dated September 14, 1875; application filed December 18, 1874.

*To all whom it may concern:*

Be it known that I, HUGH A. SILVER, of Cornhill, London, England, have invented certain Improvements in Recoil-Cushions for Fire-Arms, of which the following is a specification:

The object of my invention is to produce an improved form of cushion possessing greater solidity, compactness, and durability than those now in use, and one less liable to sway to one side at the moment of recoil.

The invention consists in a cushion or pad, as an article of manufacture, constructed of a previously-prepared hard-rubber base-plate and a soft-rubber cushion, the two being permanently united together to form one body by the process of vulcanizing the soft-rubber portion.

In the drawing the figure shows in section a pad of my improved construction, which may be attached to the butt of the piece in any approved manner.

It will be understood that when the pad or cushion is completed and the softer portion vulcanized, the line of junction will not be very strongly marked, the two portions intermin-

gling to some extent, and the part near the line of junction partaking of the hardness of one and the softness of the other, thus giving the cushion three degrees of hardness.

Let A represent a gun-stock, B the hard-rubber base-plate next the stock, and C the soft-rubber cushion, the line of junction being indicated by the dotted line.

I am fully aware that rubber cushions or pads for this purpose are old, and I claim nothing as new in my process of attaching the two bodies by vulcanization; but

What I do claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a recoil cushion or pad for fire-arms, constructed of a base-plate, B, of hard rubber combined with a cushion, C, of soft rubber, the two being secured together to form one body of varying degrees of hardness, substantially as set forth.

HUGH A. SILVER.

Witnesses:

E. M. DANIEL,  
W. MANBY,