

P. B. SHERMAN.  
 ADJUSTABLE CHEEK PAD FOR GUNS.  
 APPLICATION FILED JULY 12, 1911.

1,032,628.

Patented July 16, 1912.

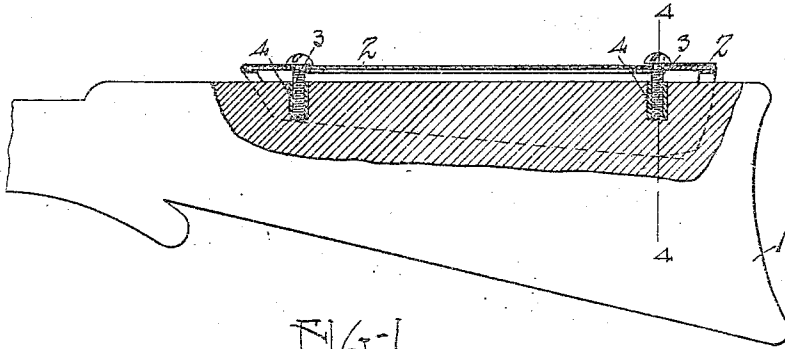


FIG-1

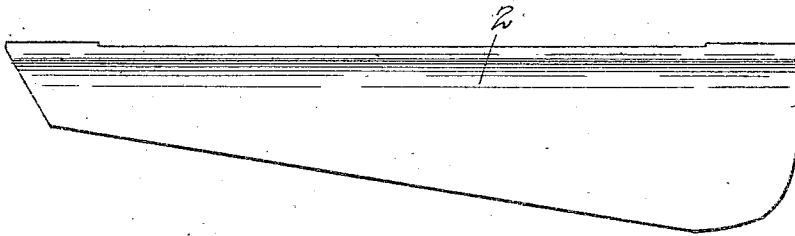


FIG-2

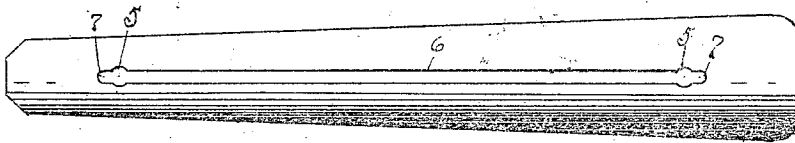


FIG-3

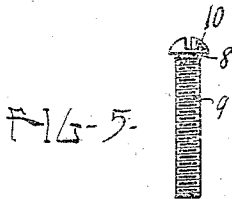
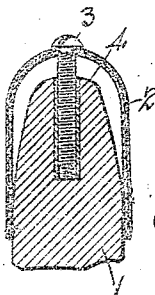


FIG-4



WITNESSES:-

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FIG-4

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BY

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# UNITED STATES PATENT OFFICE.

PERRY B. SHERMAN, OF CLEVELAND, OHIO.

## ADJUSTABLE CHEEK-PAD FOR GUNS.

1,032,628.

Specification of Letters Patent.

Patented July 16, 1912.

Application filed July 12, 1911. Serial No. 629,052.

*To all whom it may concern:*

Be it known that I, PERRY B. SHERMAN, a citizen of the United States, and a resident of Cleveland, county of Cuyahoga, and State of Ohio, have invented a new and useful Improvement in Adjustable Cheek-Pads for Guns, of which the following is a specification, the principle of the invention being herein explained and the best mode in which I have contemplated applying that principle, so as to distinguish it from other inventions.

The present invention has for its object the design of an adjustable cheek pad which shall be free from the faults which have heretofore prevented the general adoption of some one of the numerous devices of this type. The faults which worked against previous pads of this kind are complexity and clumsiness of adjustment.

The function of my adjustable pad is to adapt the drop of the stock, meaning by this the difference in elevation between the height of the stock and that of the barrel, to the various angles with the earth at which the shooter must aim. While shooting at any given elevation each shooter requires a certain degree of drop in order that his eye may instantly cover the sights when his cheek is pressed against the stock. This feature is so important that many shooters use a different gun for every elevation at which they may have occasion to shoot. This is particularly true in trap-shooting, where a certain number of birds are thrown at one elevation and then an equal number at a different elevation. My device may also be of considerable service in fitting a new gun to a person. At present it is the custom to measure the person for the proper stock, necessitating the refitting of the stock in many cases. By using my device any gun can be properly fitted to a person in a few minutes' time and can later be adjusted by the shooter to meet his own requirements.

With the features above mentioned the present device combines a resiliency which renders it extremely comfortable to the shooter who fires his gun several hundred times a day, since it absorbs that severe shock which is capable of causing considerable discomfort after repeated discharges.

To the accomplishment of the foregoing and related objects said invention, then consists of the means hereinafter fully de-

scribed and particularly pointed out in the claims.

The annexed drawing and the following description set forth in detail certain mechanism embodying the invention, such disclosed means constituting, however, but one of various mechanical forms in which the principle of the invention may be used.

In said annexed drawing: Figure 1 is a side elevation partly in section of a gun-stock with my improved pad attached; Fig. 2 is a side elevation of my pad, Fig. 3 is a plan view of the same; Fig. 4 is a section on the line 4-4, Fig. 1; Fig. 5 is a view in elevation of one of the adjusting screws, showing the construction of the same.

In Fig. 1, a gun-stock 1 is shown with my improved cheek pad 2 attached thereto by means of adjusting screws 3 which engage threaded bushings 4 which are snugly held in the stock. The screws 3 are first inserted in circular enlargements 5 of an open slot 6, cut centrally through the top of the pad 2, and are then pressed into the narrow ends 7 of the slot where they are held, since the screws are narrowest at the upper ends 8 between the threading 9 and the top 10. The pad is of resilient material, preferably thin metal, and is covered with leather or other material to protect it from rust. It is in U-form and the two sides are almost parallel until close to the curve of the U, (see Fig. 4), whereas the ordinary gun stock is tapered gradually toward the top. Thus the pad does not contact the stock except along the ends of the sides of the pad, and when pressed down on the stock by means of the adjusting screws, the pad is spread and the sides grip the stock resiliently. The slot allows the metal to give toward the stock upon the pressure of any sudden shock, such as the recoil after firing, providing a very resilient rest for the cheek. Adjustment for various elevations is made by means of the screws which force the pad up or down as desired. Once in engagement with the bushings, the screws can not possibly slip back into the circular enlargements in the slot and accordingly the device is securely locked to the gunstock.

The simplicity of my device is apparent for it comprises only five parts; two bushings which may be readily inserted in any stock, two screws and the resilient U-shaped pad. Adjustment is secured by merely

turning the screws. The pad provides a stable but resilient cheek rest adjustable over a range equal to all requirements.

Other modes of applying the principle of my invention may be employed instead of the one explained change being made as regards the mechanism herein disclosed, provided the means stated by any of the following claims or the equivalent of such stated means be employed.

I therefore particularly point out and distinctly claim as my invention:—

1. In a device of the class described, the combination of a member adapted to rest on the top of an ordinary gunstock, and means adapted to attach said member thereto and to adjust the same with respect to said stock, said member being adapted to remain in contact with said stock in various adjusted positions.

2. In a device of the class described, the combination of a resilient curved member adapted to resiliently engage the top of an ordinary gun stock, and means adapted to attach said member to said stock and to adjust said member in the plane of said stock and parallel with the top thereof, said member remaining in such resilient engagement in its various elevated positions.

3. In a device of the class described, the combination of a resilient U-shaped member, having an aperture centrally disposed therein, said member being adapted to fit over the top of a gunstock and to resiliently contact the sides thereof, and means adapted to engage in said aperture and also to engage said stock, whereby adjustment of the

member in the plane of said stock may be made.

4. In a device of the class described the combination of a resilient U-shaped member, having a longitudinal slot centrally disposed therein, said member being adapted to fit over the top of a gunstock and to resiliently contact the sides thereof, and means, including a plurality of screws, adapted to engage in said slot and also to engage said stock whereby adjustment of the member in the plane of said stock may be made.

5. In a device of the class described the combination of a resilient U-shaped member, having a longitudinal slot centrally disposed therein, said slot having circular enlargements near either end thereof, said member being adapted to fit over the top of a gunstock and to resiliently grip the sides thereof; a plurality of screws, said screws being narrower between the head and the threading than elsewhere, such threaded part being adapted to just enter said circular enlargements, and said narrower portions being adapted to snugly engage the ends of said slot, thereby securely retaining said screws in said member; and threaded bushings set into the top of said stock and adapted to receive said screws thereby permitting adjustment of said member in the plane of said stock.

Signed by me this 10th day of July, 1911.

PERRY B. SHERMAN.

Attested by—

HORACE B. FAY,

MARTIN K. SCHUEH.