

O. PROCHNOW.
 STRAP SUPPORT FOR GUNS.
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1,051,914.

Patented Feb. 4, 1913.

Fig. 1.

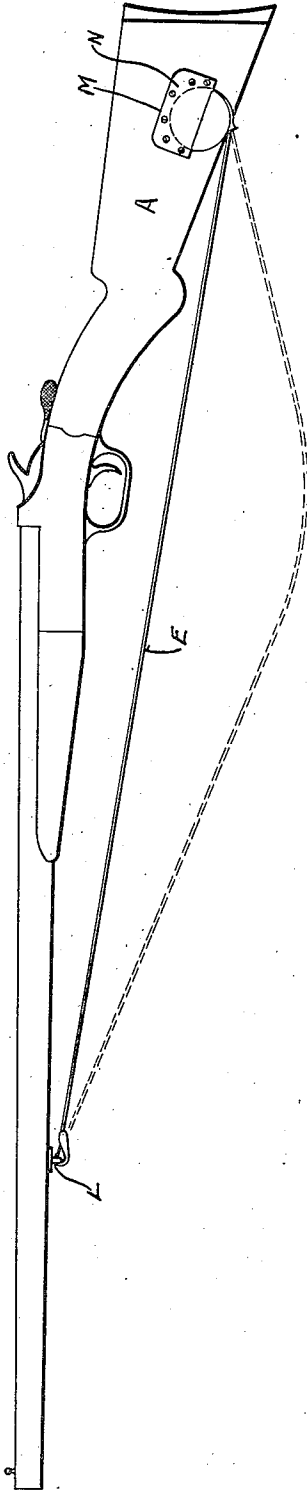


Fig. 4.

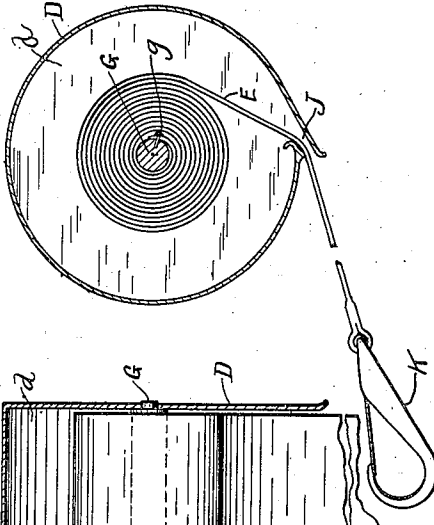


Fig. 3.

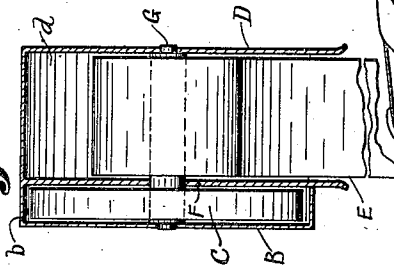
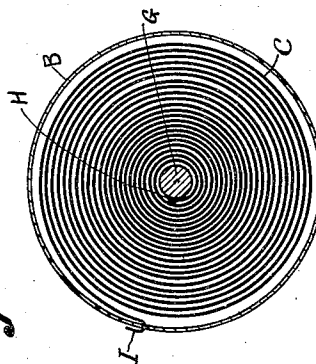


Fig. 2.



Witnesses
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OTTO PROCHNOW, OF WEST ALLIS, WISCONSIN, ASSIGNOR OF ONE-HALF TO EDWARD A. FUNK, OF WEST ALLIS, WISCONSIN.

STRAP-SUPPORT FOR GUNS.

1,051,914.

Specification of Letters Patent.

Patented Feb. 4, 1913.

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To all whom it may concern:

Be it known that I, OTTO PROCHNOW, a citizen of the United States, residing at West Allis, county of Milwaukee, and State of Wisconsin, have invented new and useful Improvements in Strap-Supports for Guns, of which the following is a specification.

My invention relates to improvements in strap supports for guns.

The object of my invention is to provide means which will facilitate the use of a strap in supporting a gun from the shoulder of the user, and in which the strap will be automatically taken care of when not in use.

In the drawings—Figure 1 is a side view of the gun embodying my invention. Fig. 2 is a detail sectional view of the spring housing drawn to a plane transverse to the winding shaft and showing the spring in position therein. Fig. 3 is a sectional view of the spring and strap housings, drawn to a plane which includes the axis of the shaft and the opening through which the strap projects, the strap and spring being illustrated in full within the housings with the projecting end of the strap partially broken away. Fig. 4 is a detail sectional view of the strap housing, drawn to a plane transverse to the winding shaft and showing the strap therein partially wound upon such shaft.

Like parts are identified by the same reference characters throughout the several views.

The stock of the gun A is provided with a cylindrical cavity near its lower margin, adapted to receive a cylindrical housing B containing a winding spring C. A similar housing D of greater axial diameter is adapted to contain a strap E. The two housings B and D may be regarded as constituting one member sub-divided by a partition F to form a spring receiving cavity *b* and a strap receiving cavity *d*.

A transverse shaft G constitutes the winding shaft, the inner end of the spring being secured to this shaft, as illustrated at H in Fig. 2. The outer end of the spring is doubled upon itself to form a hook I, which extends through an opening in the casing. The hook I may also extend into the material composing the stock A of the gun to assist in locking the casing in position in

the stock. The strap E is wound upon the shaft G within the cavity *d*, the inner end of the strap being secured to the shaft at *g*. The strap extends through an opening J in the casing D and its outer end is provided with a snap hook K adapted to engage an eye bracket L attached to the barrel of the gun at any convenient point.

In use, the strap is drawn out against the tension of the winding spring C and the snap hook K engaged with the eye bracket L. The spring C tends to wind up the strap, thereby holding it at tension in the position in which it is illustrated in full lines in Fig. 1, except when the strap is being used to support the gun. When used to support the gun, the strap may be drawn out from the casing and looped over the shoulder of the user, the strap being shown by dotted lines in Fig. 1, when partially drawn out for such purpose. When the gun is removed from the shoulder of the user, the spring automatically winds up the strap to its tension position, as illustrated in Fig. 1. If desired, the snap hook may be disengaged from the bracket L, whereupon the entire strap will be drawn into the cavity *d*, where it will be completely hidden except as to the snap hook K, which is too large to enter the aperture J. Where a wooden stock is employed, the socket which receives the casings B and D is preferably so formed that the wood will partially cover the sides of the casing, as shown at M in Fig. 1, at one or both sides of the stock. A covering strip N of wood may be applied and secured in position after the casing has been inserted in the cylindrical cavity provided therefor. A wooden strip N in such case constitutes a retaining member to prevent the casing from slipping out laterally.

I claim—

1. The combination with a gun provided with a cavity in the stock thereof, a casing mounted in said cavity and provided with a winding shaft, a winding spring operatively connected to said shaft, and a gun supporting strap operatively connected to said shaft at one side of the winding spring, said casing having an aperture through which said strap may extend and said strap being provided with means for connecting its outer end to the barrel of a gun on the under side, the strap being adapted to

wholly enter said casing and to be wound upon said shaft in a coil parallel to the winding spring.

2. The combination with a gun stock provided with a transverse cylindrical cavity, a casing in said cavity subdivided by a partition into a plurality of housings, a shaft extending through the partition, and traversing said housings, a spring wound upon said shaft in one of said housings, with its inner end secured thereto and its outer end connected with the housing and connecting the housing and stock, and a strap

wound upon said shaft in the other housing and provided with a projecting member 15 adapted to be connected with the gun barrel, said casing being slotted to permit the strap to extend through it, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

OTTO PROCHNOW.

Witnesses:

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