R. A. SWAN.

WAR BILLY.

APPLICATION FILED JULY 11, 1918.

1,334,188. Patented Mar. 16, 1920.

Fig. 1.

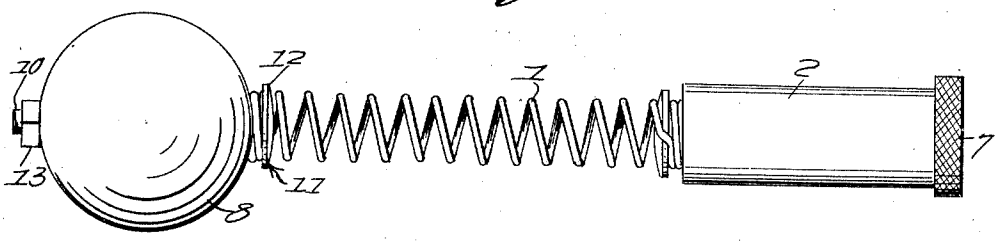
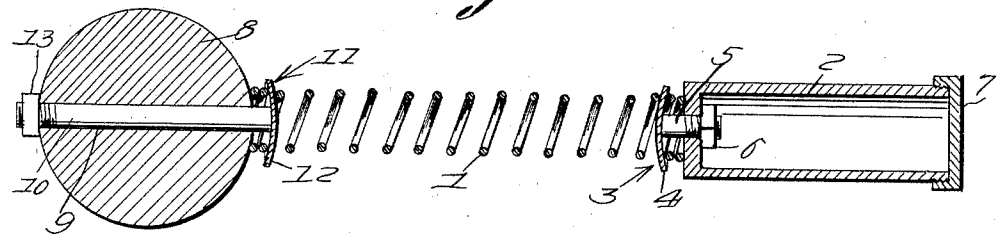


Fig. 2.



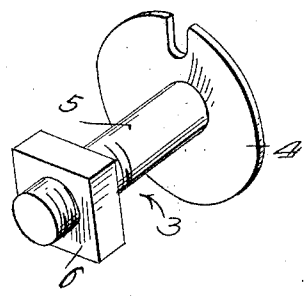


Fig. 3.

Inventor

Rolla A. Swan,

By Etienne Talbert

Attorney

UNITED STATES PATENT OFFICE.

ROLLA A. SWAN, OF QUINCY, ILLINOIS.

WAR-BILLY.

1,334,188. Specification of Letters Patent. Patented Mar. 16, 1920.

Application filed July 11, 1918. Serial No. 244,394.

To all whom it may concern:

Be it known that I, ROLLA A. SWAN, a citizen of the United State of America, residing at Quincy, in the county of Adams and State of Illinois, have invented new and useful Improvements in War-Billies, of which the following is a specification.

This invention has reference generally to implements of war and more particularly relates to a war billy.

It is the primary aim and object of this invention to provide a device of the above mentioned character designed to be used in hand to hand fighting and in the nature of a club for disabling the enemy.

More particularly the present invention contemplates the provision of a device of the above character embodying a striking or clubbing head and a grip to which the head is yieldingly or resiliently connected.

As a further improvement this invention includes the provision of clamping means of a novel construction for connecting the ball and the grip to the opposite ends of the resilient and yieldable handle.

Among the other aims and objects of this invention may be recited the provision of a device of the character described with a view to compactness, and in which the number of parts are few, the construction simple and the cost of production low and the efficiency high.

Other objects as well as the nature, characteristic features and scope of this invention will be more readily apparent from the following description taken in connection with the accompanying drawings and pointed out in the claim forming a part of this specification.

The invention is clearly illustrated in the accompanying drawings, in which;

Figure 1 is a side elevation of the invention.

Fig. 2 is a longitudinal sectional detail thereof, and,

Fig. 3 is a perspective detail of one of the clamps.

Similar characters of reference are employed in all of the above described views to indicate corresponding parts.

Referring now, more particularly to the accompanying drawings there is provided a slightly yieldable and resilient handle consisting of a relative heavy contractible coil spring 1 to the inner end of which is connected a grip 2 by means of a clamp indicated in its entirety by the numeral 3. This clamp embodies a disk-like head 4 which is engaged between the coils of the spring near one end thereof while projecting from the head is a shank 5 the outer end of which is threaded and projected through the outer coil and the grip and engaged by a nut 6 which latter coöperates with the head in the clamping of the grip to the handle.

The grip 2 is preferably of a hollow cylindrical form and serves as a match or other article container while the outer open end is preferably closed by a cap 7.

To render the device effective in hand to hand fighting, a ball-shaped striker 8 preferably of a hard composition of rubber is employed and is formed with a diametrical bore 9, through which is engaged the shank 10 of a clamp 11 the head 12 of which is engaged behind the outer coils of the spring handle in a manner similar to the engagement of the clamp 3, while the outer end of the shank is engaged by a nut 13 which cooperates with the head in the clamping of the striker 8 to the handle, as is apparent.

It is believed to be obvious that the device is used in the nature of a club for striking the enemy, and is especially effective in hand to hand fighting. The peculiar form of handle is advantageous for the reason that a blow cannot be easily warded off, since the engagement of the handle by an opponent would not prevent the striker from having the desired effect.

In view of the foregoing description it is believed that a further detailed description of the operation of the invention is entirely unnecessary. Likewise it is believed that the advantages of the invention will be readily apparent.

As many changes could be made in the above construction and many apparently widely different embodiments of this invention could be made without departing from the scope thereof it is intended that all matter contained in the above description or shown in the accompanying drawings shall be interpreted as illustrative and not in a limited sense. It is also to be understood that the language used in the following claim is intended to cover all the generic and specific features of the invention herein described and all statements of the scope of the invention which as a matter of language might be said to fall therebetween.

Having thus fully described the invention

what is claimed and desired to be secured by Letters Patent is:—

A war billy of the character described including a handle embodying a heavy contractile spring, a ball-shaped striker having a bore therethrough, a clamp connected to the outer coils of the spring and embodying a head and a shank engaged through the striker, and a nut connected to the shank for retaining the striker, and a grip clamped to the inner coils of the spring handle.

In testimony whereof I affix my signature.

ROLLA A. SWAN.