

No. 834.772.

PATENTED OCT. 30, 1906.

J. TAMBOUR.
SAFETY APPLIANCE FOR SMALL ARMS.
APPLICATION FILED JUNE 22, 1904.

Fig. 1.

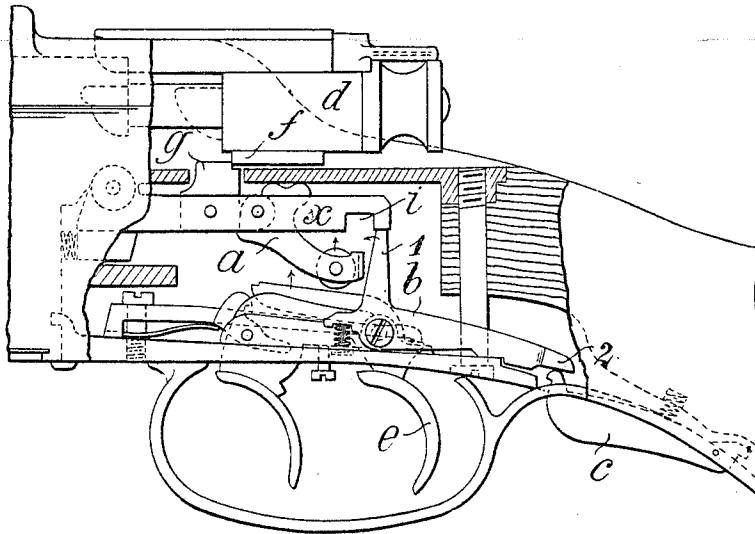
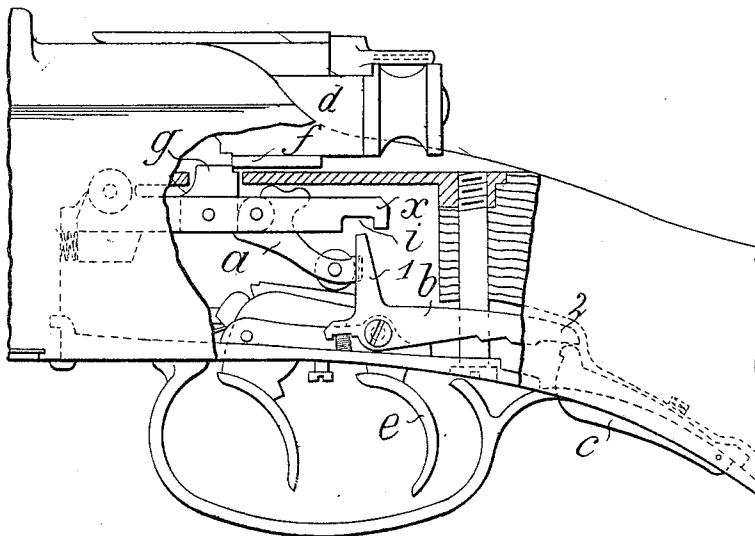


Fig. 2.



Witnesses:

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SAFETY APPLIANCE FOR SMALL-ARMS.

No. 834,772.

Specification of Letters Patent.

Patented Oct. 30, 1906.

Application filed June 22, 1904. Serial No. 213,675.

To all whom it may concern:

Be it known that I, JOSEPH TAMBOUR, a subject of the Emperor of Austria-Hungary, residing at Nanterre, near Paris, France, have invented certain new and useful Improvements in Safety Appliances for Small-Arms, of which the following is a specification.

This invention relates to a safety appliance for small-arms with sear-action and hair-trigger mechanism in which a pressing-piece projecting from the neck of the stock acts upon a spring-controlled elbow-lever pivoted to the trigger-guard plate and which directly locks the releasing-lever of the sear, and thus prevents a release of the same by the action of the trigger.

The accompanying drawings represent the safety appliance adapted to a repeating rifle with sear-action and hair-trigger.

Figure 1 shows a lateral elevation, partly in section, of the arm with locked trigger; and Fig. 2 shows the same elevation with the trigger released.

As can be seen from the drawings, the sear *g* is provided with an arm *x*, the rear end of which is provided with a notch *i*. On the trigger-guard plate is pivoted an elbow-lever *b*, the arm 1 of which is arranged to support arm *x* of the sear *g*, and thus safely maintains the latter in its locked position. The arm 2 of the elbow-lever *b* is actuated in the known manner by a spring-controlled pressing-piece *c*, projecting from the stock of the rifle. As long as the sear is in its locked position (see Fig. 1) the hair-trigger *e* cannot exert any action upon the releasing-lever *a* of the sear, and the rifle cannot, therefore, be fired. When the stock is grasped for firing, the pressing-piece *c* is being forced inward, and thereby it causes the lever *b* to turn in such a manner that its arm 1 stands beneath the notch *i* of the arm *x* of the sear, (see Fig. 2,) whereby the sear is released from its locked position, and the rifle can be fired. As soon as the pressure on the pressing-piece *c* ceases and when no firing has taken place the safety appliance comes back again into its locking position, which prevents the firing of the arm.

In order to enable the cocking of the bolt *d* after the arm has been fired, the full-cock *f* has the shape of a long ledge, which after firing maintains the sear *g* in its lowered posi-

tion, and consequently the arm within the notch *i*, until the ledge *f* has been removed from over the sear *g*.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In safety appliances for firearms, the combination with a sear-beam having an extension provided with a notch and carrying a sear and a releasing-lever, of an elbow-lever having one of its arms acting as a support for maintaining said beam in locked position, said arm engaging said extension when maintaining said beam in locked position, and means engaging with another arm of the said lever for moving said supporting-arm to a position beneath said notch to permit of the discharge of the firearm.

2. In safety appliances for firearms, the combination with a sear-beam having a notch and carrying a sear and a releasing-lever, of a supporting-arm for maintaining said beam in locked position to prevent discharge of the firearm, means for moving said arm from supporting position and to beneath the said notch to permit of the discharge of the firearm, and means for maintaining said sear in a lowered position and retaining said arm within said notch to enable the repeating action of the firearm.

3. In safety appliances for firearms, the combination with a sear-beam provided with an extension having a notch, a sear carried by the beam, and a releasing-lever carried by the beam, of an elbow-lever having one of its arms acting as a support for maintaining said beam in locked position, said arm engaging the extension of the beam, means engaging with the other arm of said elbow-lever for moving said supporting-arm to a position beneath the notch in the extension to permit of the discharge of the firearm, and means for maintaining the sear in a lowered position and retaining said supporting-arm within said notch to enable the repeating action of the firearm.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOSEPH TAMBOUR.

Witnesses:

JOSEF RUBASCH,
ALVESTO S. HOGUE.