To all whom it may concern:

Be it known that I, ANTHONY HERMAN GERARD FOKKER, a subject of the Queen of the Netherlands, residing at Amsterdam, Netherlands, have invented certain new and useful Improvements in Safety Trigger Guards on Machine Guns (for which I have filed application in Germany, #303,598, filed May 19, 1918), of which the following is a specification.

The type of machine gun in which the breech block, the movement of which places a cartridge in position and operates the firing pin, is given a reciprocating movement by mechanical means, such as a rotating crank, instead of being returned to the cocked position by the recoil of the explosion in the gun is well known. According to my copending application for Letters Patent of the United States, Serial No. 407,540, filed September 1, 1920, the breech block is locked in position by means of locking levers pivotally mounted upon the frame of the gun and actuated by the operating crank in such a manner as to engage with the breech block when the latter has reached its forward position in order to keep same in place while the shot is fired.

The object of the present invention is to provide a catch for pulling the trigger and firing the gun which cannot reach the trigger until the locking levers are completely in place and lock the breech block. In addition the said catch is provided with a fine screw adjustment so as to enable accurate timing of the moment of firing in relation to the position of the locking levers and it is further adapted to be swung outwards through a slot in the side of the gun frame, thus locking the entire mechanism, and preventing the gun from being fired.

The accompanying drawings illustrate the parts of the gun mechanism relating to this invention.

In said drawings:

Figs. 1 and 2 are horizontal and vertical longitudinal sections respectively.

Fig. 3 is a half horizontal cross section showing the operation of the trigger in detail.

Figs. 4 and 5 are cross sections showing the positions of the breech block and the trigger catch, respectively.

The function of the various parts is as follows: The operating crank, which is given a continuous and uniform rotation, im-
ing provided with an adjusting screw which forms the point of contact with the trigger and the engagement of which with the trigger fires the gun.

3. In a breech block mechanism for machine guns, operated by a rotating crank, and provided with pivoting levers which lock the breech block in position at the time of firing, a sliding trigger catch actuated by one of the locking levers in such a manner as to prevent contact with the trigger while the breech block is unlocked, and a sliding carrier on which said trigger catch is hingedly mounted and said catch enabling it to be swung outwards through an aperture preventing its movement, thereby locking the entire mechanism and preventing the gun from being fired. In testimony whereof I affix my signature in presence of two witnesses.

ANTHONY HERMAN GERARD FOKKER.

Witnesses:
C. CJORTER,
H. Y. KMJPER.