C. J. FAIRCHILD.

TARGET.

APPLICATION FILED NOV. 7, 1919.

1,378,340.

Patented May 17, 1921.

Fig. 1.

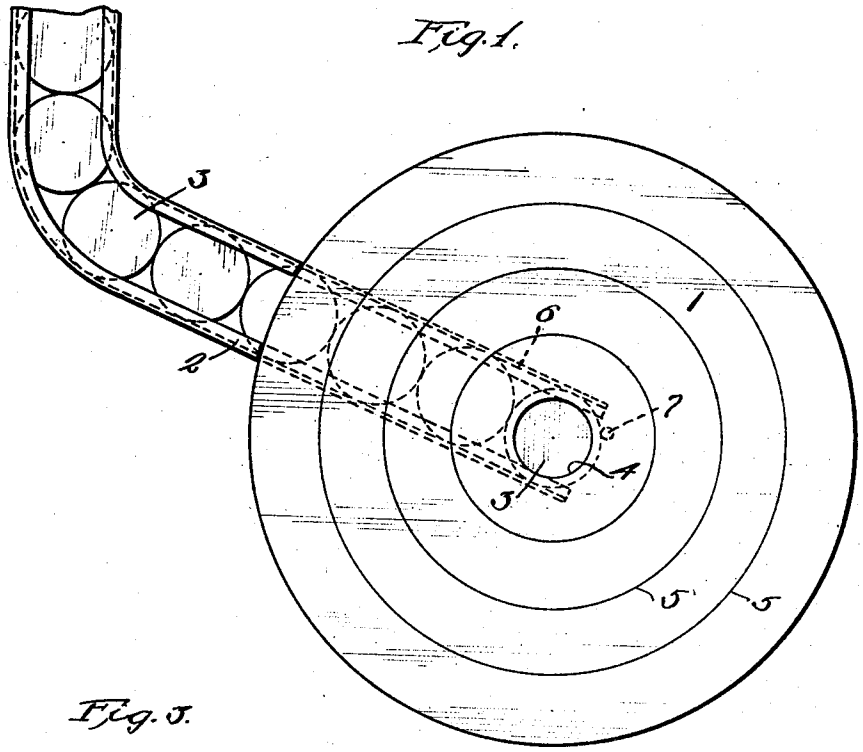


Fig. 3.

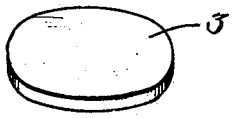
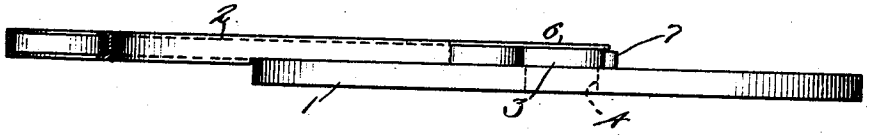


Fig. 2.



Inventor:
Clifford J. Fairchild,
By Rummler & Rummler,
Attys

UNITED STATES PATENT OFFICE.

CLIFFORD J. FAIRCHILD, OF CHICAGO, ILLINOIS, ASSIGNOR TO BLACK PRODUCTS CO., OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

TARGET.

1,378,340. Specification of Letters Patent. Patented May 17, 1921.

Application filed November 7, 1919. Serial No. 336,356.

To all whom it may concern:

Be it known that I, CLIFFORD J. FAIRCHILD, a citizen of the United States of America, and a resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Targets, of which the following is a specification.

The main objects of this invention are to provide an improved form of target having a fragile bull's-eye and having means for successively feeding new bull's-eyes into place; and to provide an improved construction of such bull's-eye.

An illustrative embodiment of this invention is shown in the accompanying drawings, in which—

Figure 1 is a plan view of the improved target.

Fig. 2 is a top view, partly broken away.

Fig. 3 is a perspective view of one of the bull's-eye disks.

In the form shown in the drawings, the device comprises a stationary target body 1 having a magazine or guideway 2 for supporting a plurality of fragile disks or bull's-eyes 3.

The target body 1 is preferably of bullet-proof material, such as iron, and may be of the usual form with a bull's-eye aperture or opening 4 and a plurality of concentric rings 5 painted or otherwise indicated thereon.

The guideway for supporting the disks comprises a pair of channel bars 6 arranged in parallel spaced relation and secured to the rear face of the target 1. The guideway may communicate at its outer end with a larger magazine (not shown) or it may itself serve as a magazine. It is inclined downwardly toward the opening 4, whereby the disks supported therein are successively directed into axial registration with said opening. A projecting stop pin 7 is secured to the rear face of the target adjacent the discharge end of the guideway 2 in such a position that the lowermost disk in the guideway is supported by said pin in axial registration with the opening in the target.

The disks 3 are disposed vertically in the guideway so that the inner side faces thereof are in sliding engagement with the rear face of the target. The disks are preferably plain circular pieces of fragile material so that when the bull's-eye is hit by a bullet, it is broken into pieces, which fall out of the lower or discharge end of the guideway, permitting the next adjacent disk in the rack to move by gravity into contact with the pin 7 where it is held in axial registration with the opening 4.

When a bull's-eye is hit, it is shattered and broken into small pieces, the falling of which indicates that the bull's-eye has been hit and clears the way for a new one, which rolls instantly into place so that the marksman may continue to shoot at the target in rapid succession without the necessity of stopping after each time he has hit the bull's-eye.

Although but one specific embodiment of this invention has been herein shown and described, it will be understood that numerous details of the construction shown may be altered or omitted without departing from the spirit of this invention as defined by the following claims.

I claim:

1. In a device of the class described, a target body having an opening formed therein, a guideway for successively directing fragile targets into registration with said opening, said guideway being adapted to support a plurality of fragile disks in such manner that the breaking of the disk in said opening will permit an adjacent disk to move by gravity into said opening, the lower extremity of said guideway being open in the plane of the foremost disk for the discharge by gravity of the broken disk.

2. In a device of the class described, a target body having an opening formed therein, a guideway for supporting a plurality of fragile target disks, said guideway being adapted to successively deliver said disks into registration with said opening, and a stop for supporting the foremost disk in said guideway in registry with said opening in such manner that the breaking of the disk in said opening will permit an adjacent disk to move by gravity into contact with said stop so as to be supported in axial registration with said opening, the lower extremity of said guideway being open in the plane of the foremost disk for the discharge by gravity of the broken disk.

3. In a device of the class described, a target body having an opening formed therein, an inclined guideway for supporting a plurality of fragile target disks in a

vertical plane, said guideway being adapted to successively deliver said disks into registration with said opening, and a pin extending outwardly from said target for supporting the foremost disk in said guideway in registry with said opening in such manner that the breaking of the foremost disk will permit the adjacent disk to move by gravity into contact with said pin so as to be supported in axial registration with said opening, the lower extremity of said guideway being open in the plane of said disks for the discharge by gravity of the broken disk.

Signed at Chicago this 3rd day of Nov., 1919.

CLIFFORD J. FAIRCHILD.