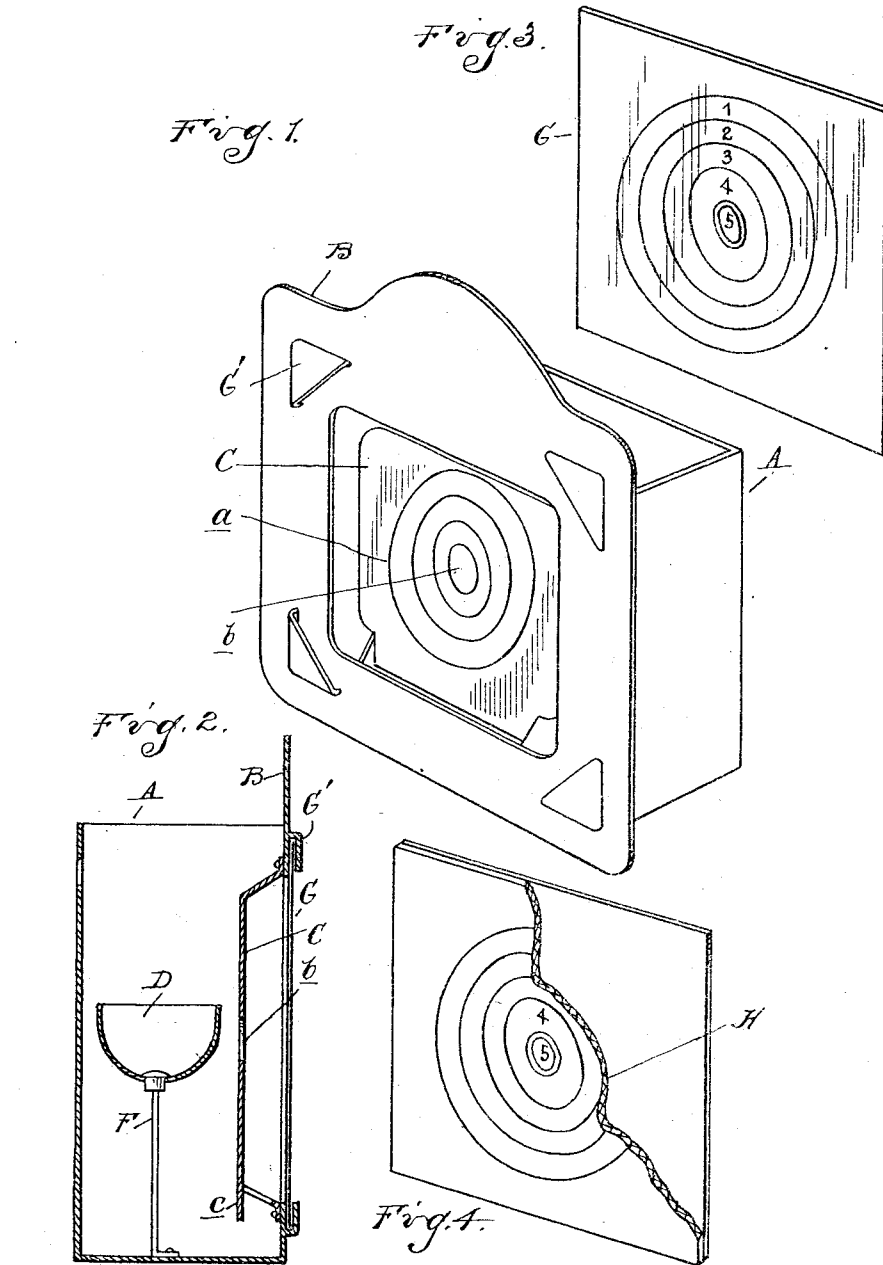


W. E. HAWTHORNE.
 TARGET.
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1,032,060.

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Witnesses
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UNITED STATES PATENT OFFICE.

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TARGET.

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To all whom it may concern:

Be it known that I, WILLIAM E. HAWTHORNE, a citizen of the United States of America, residing at Plymouth, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Targets, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to a target particularly designed for either outdoor or indoor shooting, and consists in the novel and simple construction thereof, in the peculiar arrangement and combination of parts, and in various details of construction and in their arrangements and combinations as will be more fully hereinafter set forth and claimed.

In the drawings,—Figure 1 is a perspective view of an embodiment of my invention; Fig. 2 is a transverse section there-through; Fig. 3 is a detached perspective view of the removable target; and Fig. 4 is a similar view of a modified construction of target.

In the drawings thus briefly described, A designates a suitable casing, preferably of metal and of box-shape form. The casing front B preferably projects beyond the sides and top, and is cut away to form an open front, as plainly shown in Fig. 1.

Arranged within the casing to extend across the front opening is a metallic plate C, which constitutes a permanent target, the proper target markings being placed as indicated at *a* upon the front face thereof. This plate is preferably dished inwardly, as shown in Fig. 2, centrally apertured as at *b*, forming a bull's eye, and the side and top portions are secured in any suitable manner to the inner face of the casing front about the marginal portions of the opening. The lower portion of the dished plate is slitted vertically near the corners, and the intermediate portion *c* bent downwardly, as shown in Fig. 1, thus forming a slot or opening through which the bullets or other missiles may pass after striking the target, into the casing interior.

Mounted within the casing rearwardly of the permanent target described is an indicator D for indicating the shots through the bull's eye opening. In its preferred form the indicator is in the form of a gong or bell mounted upon a suitable standard F,

the parts being proportioned so that the gong will be opposite the target opening, as shown.

G represents a removable target of penetrable material, preferably cardboard, detachably secured to the casing front at a distance from the permanent target, as disclosed in Fig. 2. This latter target serves not only as a means for recording the shot which passes therethrough, but also acts to prevent the rebound of the bullet or other missile into the room after striking the permanent target. The preferred means of attachment of the movable target to the casing is corner clips G' secured to the front face of the casing.

In indoor shooting, the removable target is preferably used for the purpose, as before pointed out, primarily for preventing the rebound of the bullet. It will be obvious, however, that where it is not desired to record the shot, or where the shooting takes place outdoors, the device is capable of use without the removable target member, the gong or other indicator being properly positioned in either instance to record bull's eye shots.

The target is especially designed for use in connection with air guns—shooting buckshots or bullets, and for preventing the flattening of the bullet or shot, and thereby allowing the same to be used over and over again. I surface the permanent target with yielding material, as for instance a layer of felt, indicated by the reference-letter H. This modified form of target is shown in Fig. 4. The felt may be secured to the permanent plate in any suitable manner, and the target markings may be applied directly thereto instead of to the plate member, as before described.

What I claim as my invention is,—

1. The combination with a box casing having an opening in the front thereof, of a permanent target formed of an inwardly dished plate arranged within the casing and secured to the casing front about the opening therein, said plate having the body portion thereof comparatively flat and provided with a central aperture, a gong within the casing rearwardly of and in alignment with an opening in the permanent target, and a target of penetrable material removably secured to the casing front across the opening therein.

2. The combination with a box casing having an opening in the front thereof, and a permanent target formed of an inwardly dished plate arranged within the casing and secured at its top and side edges to the casing front about its opening therein, said plate being separate from the front at its lower edge and provided with a centrally apertured portion, the body portion of the plate being flat, a gong within the casing rearwardly of and in alinement with the opening in the permanent target, a target

of penetrable material arranged upon the casing front across the opening therein, and corner retaining clips on the casing front for detachably engaging the corners of the penetrable target. 15

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

WILLIAM E. HAWTHORNE.

Witnesses:

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