No. 812,589. PATENTED FEB. 13, 1906.

T. J. McNELLY.

TARGET.

APPLICATION FILED AUG. 25, 1905.

FIG. 1.

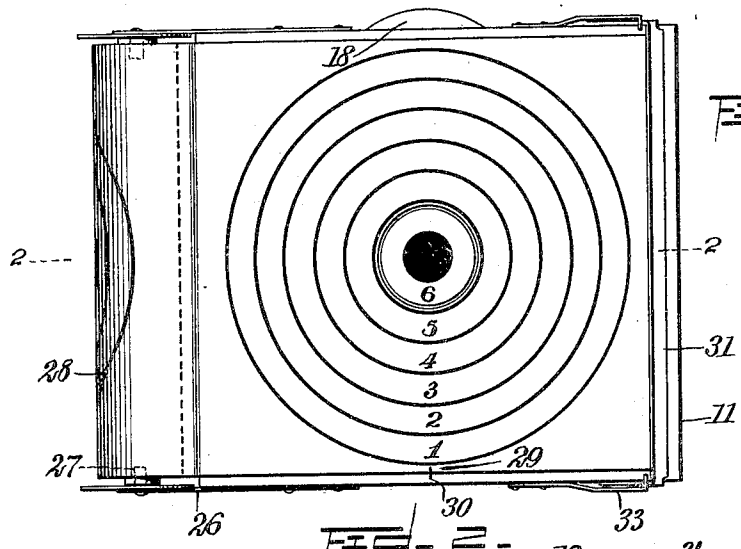


FIG. 2.

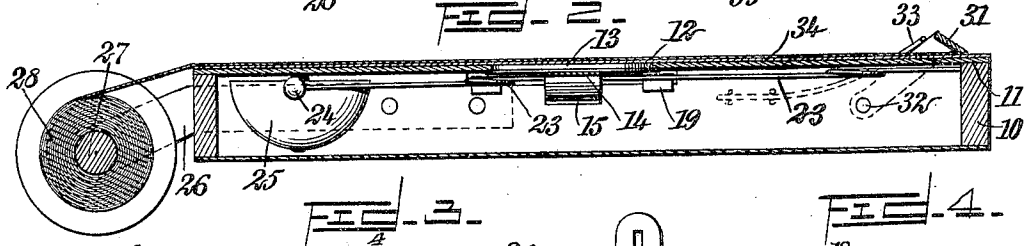


FIG. 3.

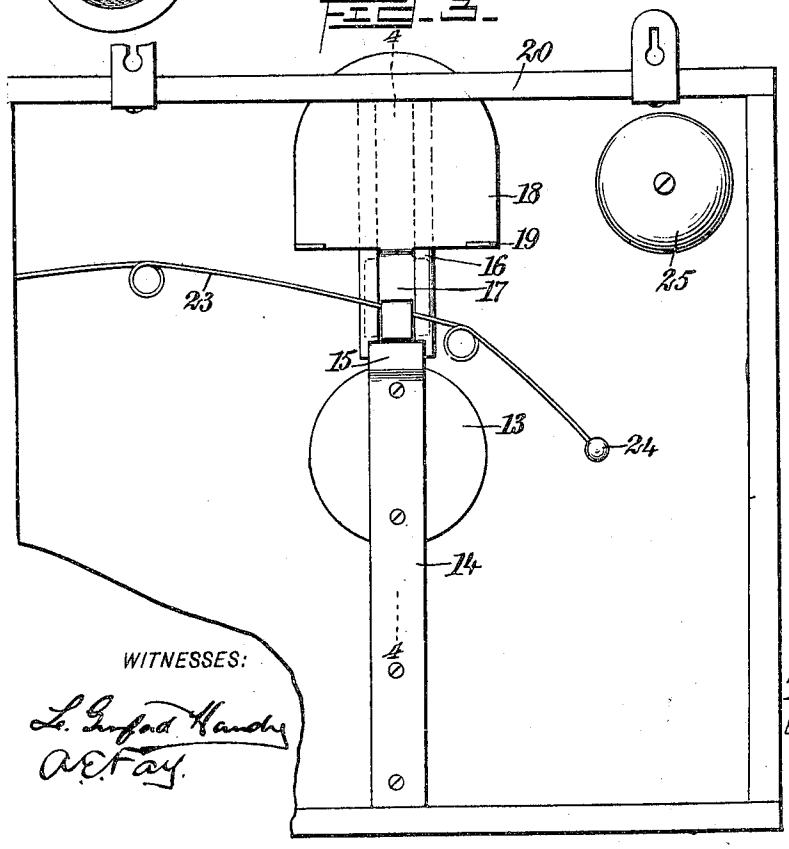
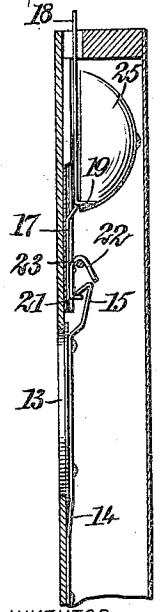


FIG. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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TARGET.

No. 812,589. Specification of Letters Patent. Patented Feb. 13, 1906.

Application filed August 25, 1905. Serial No. 275,768.

To all whom it may concern:

Be it known that I, THOMAS J. McNELLY, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Target, of which the following is a full, clear, and exact description.

The principal objects of my invention are to provide a target with an indicating device and a movable bull's-eye which when hit by a bullet will release the indicating device, so as to show that the bull's-eye has been hit; also, to provide a bell which will be rung at the same time and to provide the target with a series of removable sheets each representing a target and each designed to be removed from the main target after each person's shooting has been terminated in order that a record may be kept by each contestant of his own score.

Further objects of the invention will appear below.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of a target embodying the principle of my invention. Fig. 2 is a sectional view on the line 2 2 of Fig. 1 on an enlarged scale. Fig. 3 is an elevation of the inside or rear of the target, and Fig. 4 is a sectional view on the line 4 4 of Fig. 3.

I have shown the main target in the form of a casing 10, having a front plate 11. This front plate may, if desired, be marked to represent a target; but in view of other features which I employ this is not a necessity. The front plate is provided with an opening 12, in which is mounted a movable bull's-eye 13. The outer face of this bull's-eye is preferably flush with the surface of the main target. The bull's-eye is supported from within on a spring 14, which is fixed to the inside of the target and to the rear side of the bull's-eye. This spring is provided with a hook 15. Above the spring is mounted a guideway 16, having a slide 17 reciprocatingly mounted therein. This slide carries an indicator 18, the indicator being provided with stops 19 to prevent it from going above the top plate 20 of the target and having any desired representation upon its front surface. The slide is also provided with a lower hook 21, adapted to engage the hook 15, and with a guard-plate 22, also adapted to engage the upper end of the hook 15, so as to force it into engagement with the hook 21 if it does not otherwise move into that position. It will be seen that when the indicator is moved toward the bull's-eye the hook 15 will yield and allow the hook 21 to pass, and will then by some resiliency move inwardly, so as to engage it and secure the indicator in lowered position inside the frame of the target. When the bull's-eye is hit, it will release these two hooks from each other and permit the indicator to be forced from the target-case and brought into view by means of a spring 23. This spring is preferably secured near its outer end to the wall of the case and loosely passes through the space formed between the guard 22 and the body of the slide 17. It is also provided with a clapper 24, adapted to engage the bell 25 when the indicator is forced outwardly by the spring.

On the outside of the target proper I provide a pair of brackets 26, having studs 27 projecting inwardly and adapted to receive a roll of paper 28. This paper is provided with a series of representations of targets and is adapted to be unwound, so that each target can be placed over the bull's-eye in proper position to indicate the point to be shot at.

Each target may be provided with a gage-point 29, and the front surface of the main target with a similar gage-point 30, by means of which the paper targets can be located in central position with respect to the bull's-eye. When the paper is brought over the main target, it is held down at the outer end by means of a bar 31, which is connected with the target-case and is preferably pivoted thereto at a point 32. This bar is held down by a spring 33, so that it will securely hold the paper in position.

Between the paper targets and the main target I preferably place a sheet of carbon-paper 34, so that the paper targets may be marked by the impact of the bullet, and thus provide a permanent mark which can be kept by the contestants in a match. It will of course be understood that the bullets themselves will ordinarily make marks on the paper targets which will be sufficient; but as I contemplate employing this target with a gun which fires a rubber ball I prefer to provide the carbon-paper to insure the leaving of a mark for every hit of the bullet or ball. The target papers can be perforated so that

they can be removed on the perforated lines, or they can be torn off along the straight edge of the bar 31.

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

1. In a target the combination of a main casing having an opening therein, a movable bull's-eye mounted behind said opening, a spring connected with the casing and supporting said bull's-eye, said spring being provided with a hook, a guideway on the casing, a slide mounted to reciprocate in said guideway and having a hook adapted to engage the first-mentioned hook, said slide having a guard located adjacent to the hook and slide, an indicator mounted on the slide, a spring secured to the casing and engaging said guard, said spring normally tending to force the indicator into an exposed position, the last-named spring also being provided with a bell-clapper and a bell mounted on the casing in the path of the movement of said clapper.

2. In a target, the combination of a target-casing having a central opening therein, a bull's-eye in said opening, a spring secured to the rear side of the target-casing and also secured to said bull's-eye, whereby the bull's-eye is adapted to yield when hit, a hook connected with said spring, a guideway on the casing, a slide reciprocably mounted in said guideway and having a hook provided with a straight rear surface adapted to engage the first-mentioned hook, a guard on said slide, an indicator also mounted on the slide, a spring for moving the slide secured to the casing and engaging said guard on the slide, said spring also having a bell-clapper, and a bell mounted in the path of movement of said clapper.

3. In a target, the combination of a movable bull's-eye, a registering device, means connected with the bull's-eye for operating the registering device, a roll of paper mounted upon the main target, said paper having a plurality of targets thereon, a straight edge movably mounted on the target-case, and resilient means for holding the straight edge against the targets.

4. A target having means for holding a roll of paper thereon, resilient means for securing said paper to the face of the target, and a carbon-paper mounted between the face of the target and the paper.

5. A target having a main casing, means for holding a roll of paper, a bar having a straight edge pivotally mounted upon the casing, and a spring engaging said bar and holding it in close contact with the front surface of the casing.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS J. McNELLY.

Witnesses:
PHILIP FOSTER RHOADES,
PETER A. BURNS.