F. G. MITCHELL.

FLYING TARGET FOR TRAP SHOOTING.

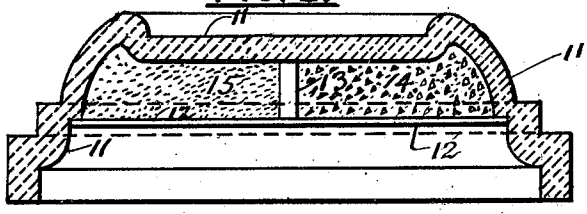
APPLICATION FILED JULY 10, 1920.

1,369,830

Patented Mar. 1, 1921.

2 SHEETS—SHEET 1.

FIG. 1.



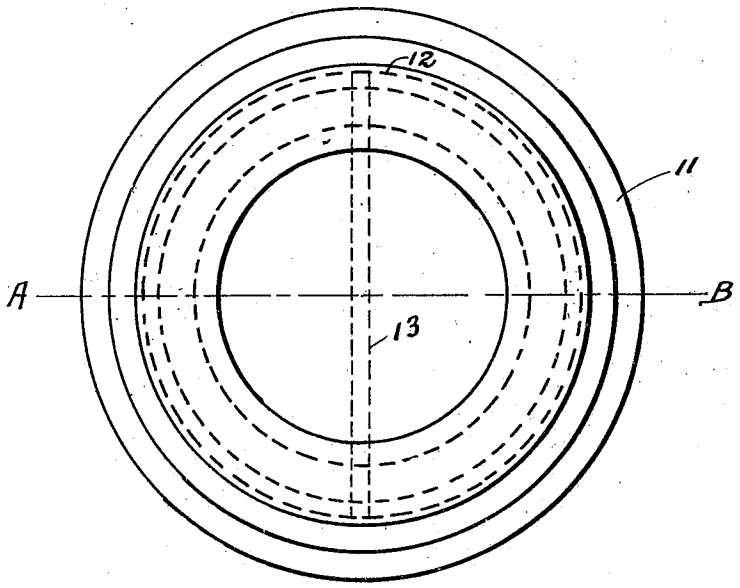


FIG. 2.

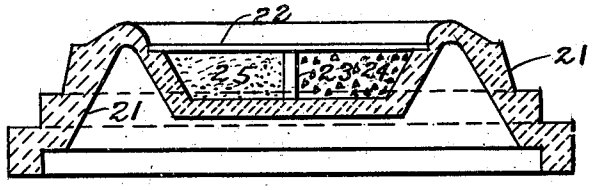


FIG. 3.

Inventor
Frederick G. Mitchell.

By His Attorney
Israel Benjamins.

F. G. MITCHELL.

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2 SHEETS—SHEET 2.

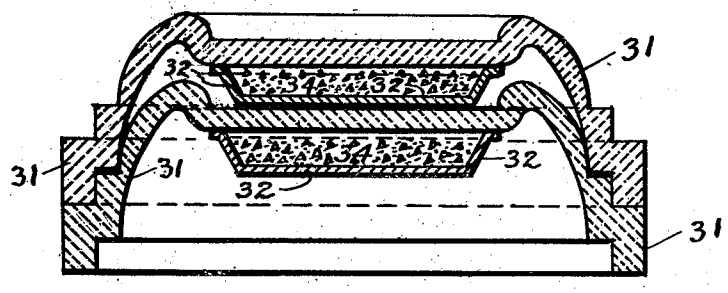


FIG. 4.

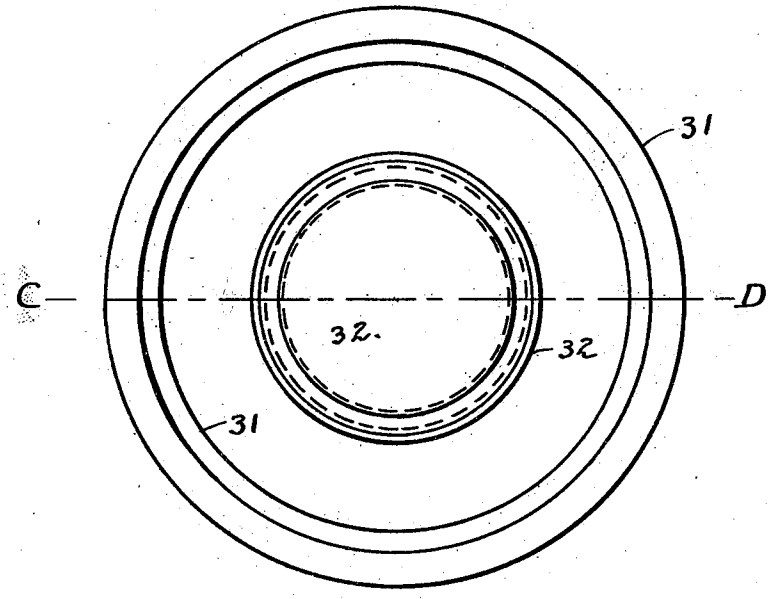


FIG. 5.

Inventor
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UNITED STATES PATENT OFFICE.

FREDERICK G. MITCHELL, OF RIDGEFIELD PARK, NEW JERSEY.

FLYING TARGET FOR TRAP-SHOOTING.

1,369,830. Specification of Letters Patent. Patented Mar. 1, 1921.

Application filed July 10, 1920. Serial No. 395,211.

To all whom it may concern:

Be it known that I, FREDERICK G. MITCHELL, a citizen of the United States, residing at 39 Webster St., Ridgefield Park, in the county of Bergen and State of New Jersey, have invented a new and useful Flying Target for Trap-Shooting, of which the following is a specification.

My invention relates to improvements in flying targets, which are usually made of fragile material, and which are packed in stacks in barrels for shipping.

The objects of my improvement are:

First: To provide a flying target which, when shattered by shot, will release a certain substance inclosed therein, which substance, when released, will produce a cloud effect, easily to be observed.

Second: To have more than one kind of said substance inclosed in or connected to the flying target, which substances are adapted to produce a flowery or ornamental effect when released by the destruction of the main body of the flying target.

Third: To have said substance or substances contained in suitable compartments formed in said flying target and arranged in such a manner as not to interfere with the stacking of the targets for shipping; *i. e.* not to increase the bulk of the stack of targets.

Fourth: To have said flying target simple and comparatively inexpensive.

I attain these objects by the flying target illustrated in the accompanying drawings or by any mechanical equivalent or obvious modification of the same.

In the drawings Figure 1 is a vertical section on the line A—B of Fig. 2, which is a top view or plan of my flying target.

Fig. 3 is a vertical section of a slightly different form of my flying target.

Fig. 4 is a vertical section on the line C—D of Fig. 5 of part of a stack of my flying targets, showing that the bulk of the stack is not increased by the addition to each target of the receptacle 34 hereinafter described.

Fig. 5 is a bottom or inverted view of Fig. 4.

Similar numerals refer to similar parts throughout the several views.

11, 21 and 31 designate different forms of the main body of the flying target, which is made of fragile material; 12, 22 and 32 are circular members which may be made of pasteboard or some other suitable material, which members are cemented to or otherwise connected each to the main body of a flying target in the position as shown, thereby forming the receptacles 14—15, 24—25 and 34; the vertical partitions 13 and 23 of Figs. 1 and 3 respectively serve to subdivide the receptacles 14—15 and 24—25 each into two compartments 14 and 15, also 24 and 25, which are shown as inclosing different substances, such as confetti and powdered charcoal or flour, or any other suitable substances.

The receptacle 34 in Fig. 4 is shown as having only one compartment; but the number of compartments may be increased, if desired.

It is evident that, when the body 11, 21 or 31 of the flying target is destroyed, the above mentioned substances will be released and will form a cloud, which is readily discernible, thereby eliminating any possible disputes about a hit or a miss; also, when two substances are released at the same time, they may be so arranged as to produce by blending a very agreeable flowery or ornamental visible effect.

Many changes could be made in the details of my flying target within the scope of my invention; I do not, therefore, restrict myself to the details as shown in the drawings; but I intend to include also all mechanical equivalents and reasonably obvious modifications of the same within the scope of my invention.

What I claim as my invention and desire to secure by Letters Patent is:

1. In a flying target the combination of a dished body of fragile material, an annular offset in the concave side of said body parallel to the rim thereof and a circular disk adapted to fit the concave side of said body in contact with said offset and connected thereto, thereby forming with said body a receptacle for a light substance which is adapted when released to produce a cloud effect.

2. In a flying target the combination of a body of fragile material, a circular member connected thereto and forming therewith a receptacle for a light substance adapted to produce a cloud effect and a partition sub-

dividing said receptacle into compartments containing different light substances adapted, when released, to blend and produce an ornamental effect.

3. In a flying target multiple compartments adapted to contain light substances, which are adapted when released, to produce an ornamental cloud effect.

4. A stack of multiple flying targets of similar shape, coaxially piled up and each consisting of a dished body of fragile material bounded by an inner and outer surfaces of revolution, part of the outer surface of one target being inclosed by part of the inner surface of the adjacent target in the stack, thereby leaving a space between the outer end of the inclosed target and the inner end of the inclosing target, and a receptacle for a light substance adapted to form a cloud when scattered, said receptacle being connected to the corresponding end of each of the adjacent targets in the stack, and the shape and size of said receptacle being such as to permit its being inclosed by said space without increasing the bulk of the stack.

FREDERICK G. MITCHELL.