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(12) **United States Design Patent**
Liu

(10) **Patent No.:** **US D990,609 S**

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(54) **AUTO-FEED TRAP BODY**
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(72) Inventor: **Cheh-Kang Liu**, Taipei (TW)
(**) Term: **15 Years**
(21) Appl. No.: **29/719,191**
(22) Filed: **Jan. 1, 2020**

2017/0052003 A1* 2/2017 Liu F41J 9/18
2017/0176151 A1* 6/2017 Liu F41J 9/18
2022/0412703 A1* 12/2022 Dunning et al. F41J 9/24
* cited by examiner

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(51) **LOC (14) Cl.** **22-06**
(52) **U.S. Cl.**
USPC **D22/119**
(58) **Field of Classification Search**
USPC D22/113, 119, 120, 199
CPC F41J 1/10; F41J 5/14; F41J 1/00;
F41J 3/0004
See application file for complete search history.

(57) **CLAIM**

The ornamental design for Auto-Feed Trap Body as shown and described.

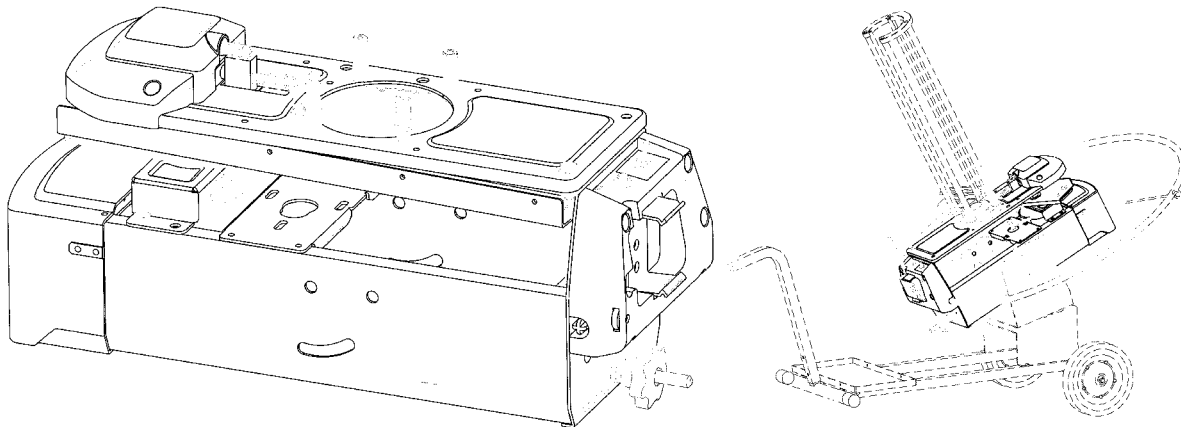
DESCRIPTION

FIG. 1 is a perspective view of a bipod base showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a right side elevational view thereof; and
FIG. 7 is a left side elevational view thereof; and
FIG. 8 illustrates the design used in an Auto-Feed Trap Body.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D779,020 S * 2/2017 Liu D22/113
10,365,072 B1* 7/2019 Liu F41J 9/20
10,859,349 B1* 12/2020 Liu F41J 9/18
11,441,879 B1* 9/2022 Dunning et al. F41J 9/24



The broken lines illustrating gear, holes, nuts and bolts that forms no parts of the claimed design.

1 Claim, 8 Drawing Sheets

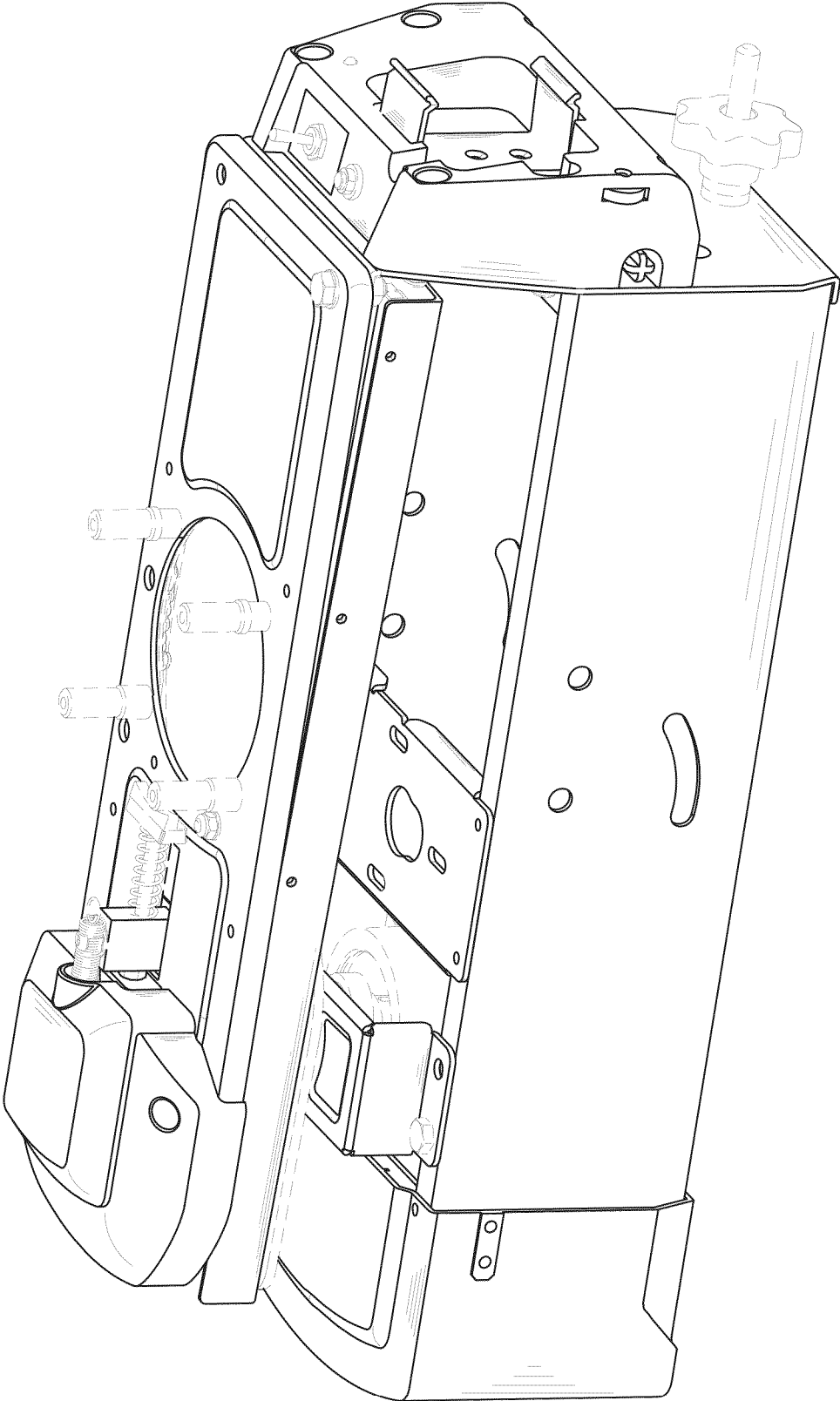


Fig. 1

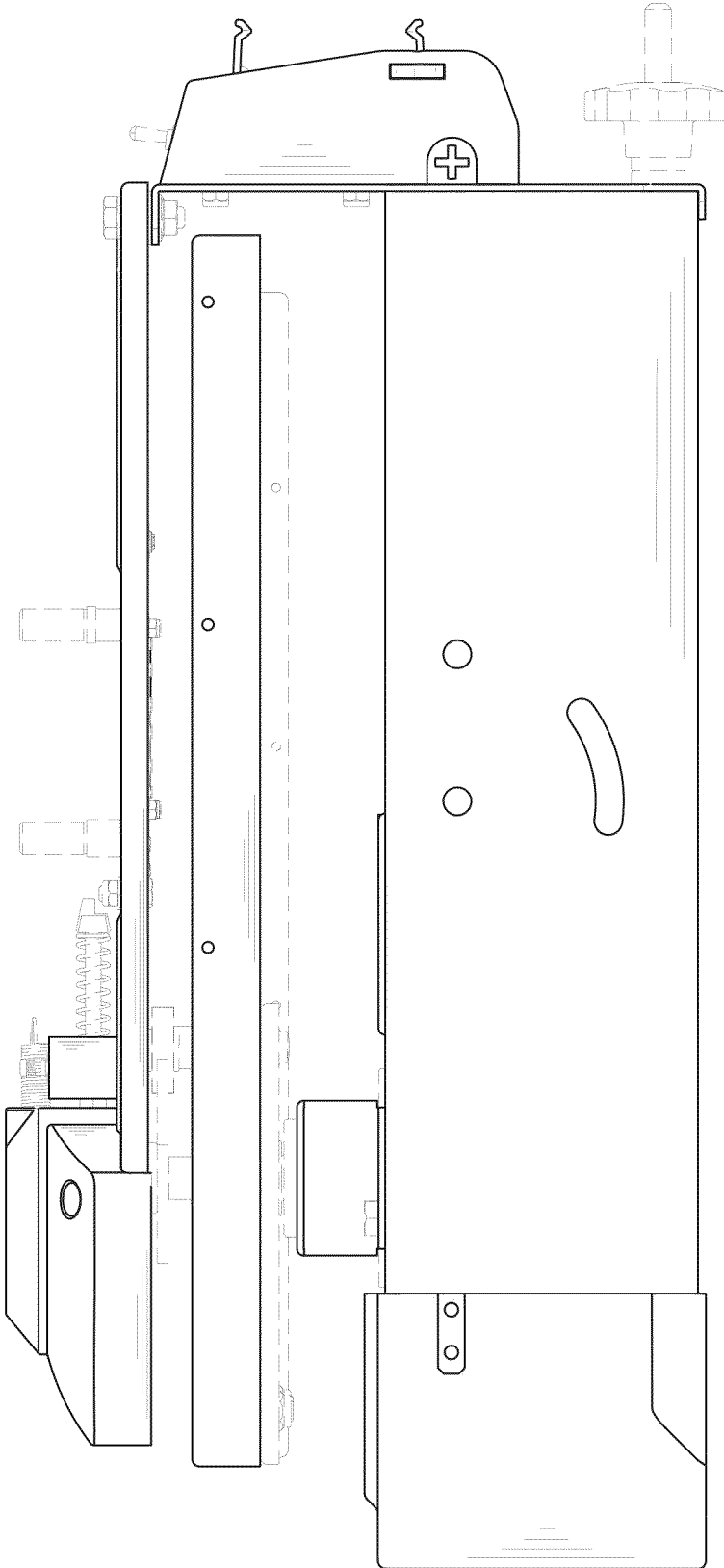


Fig. 2

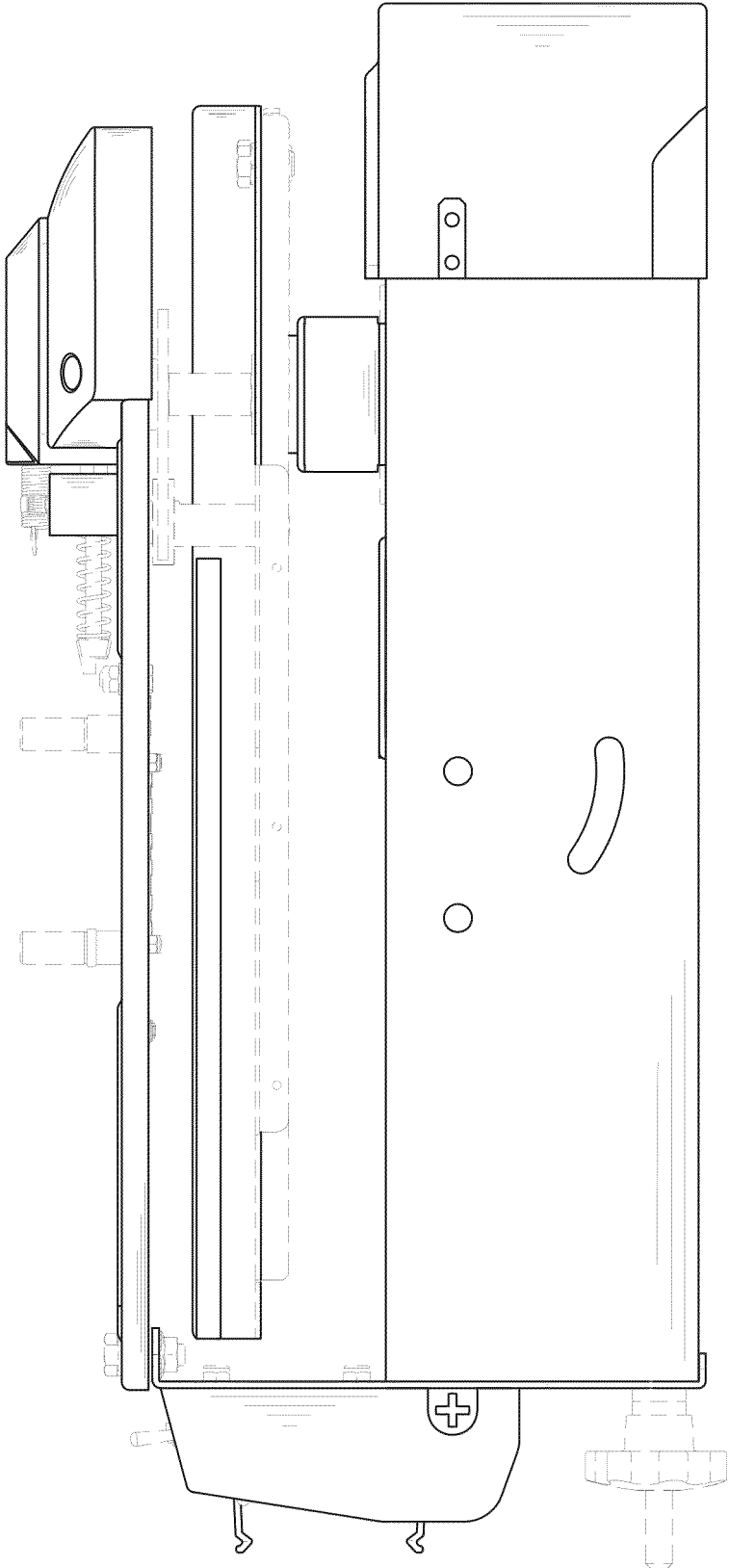


Fig. 3

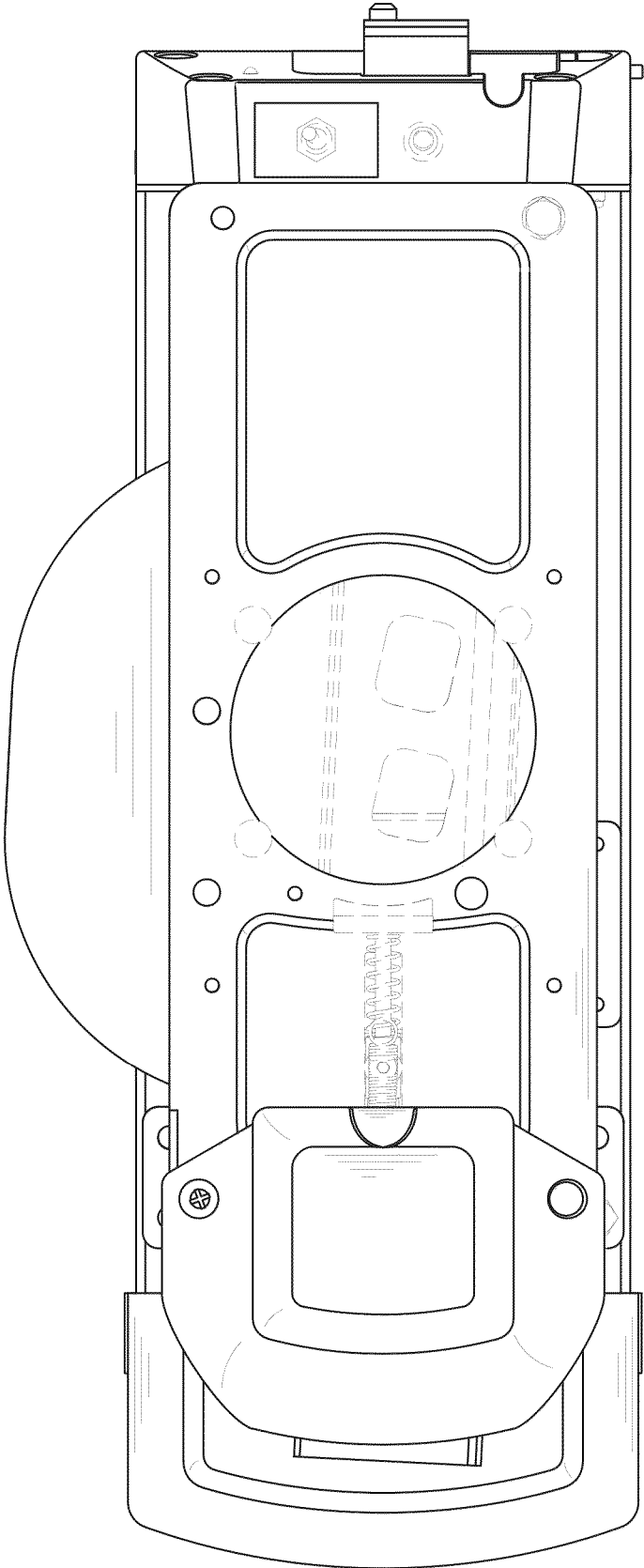


Fig. 4

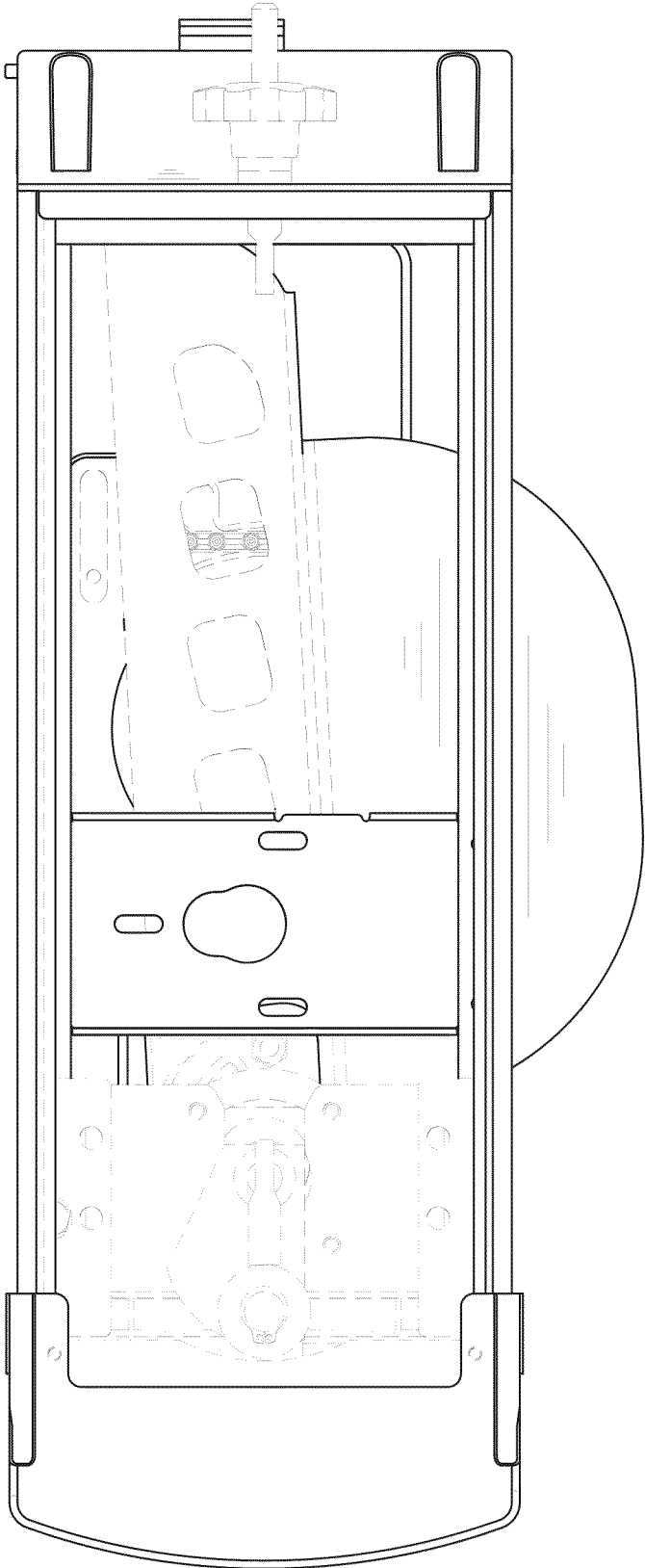


Fig. 5

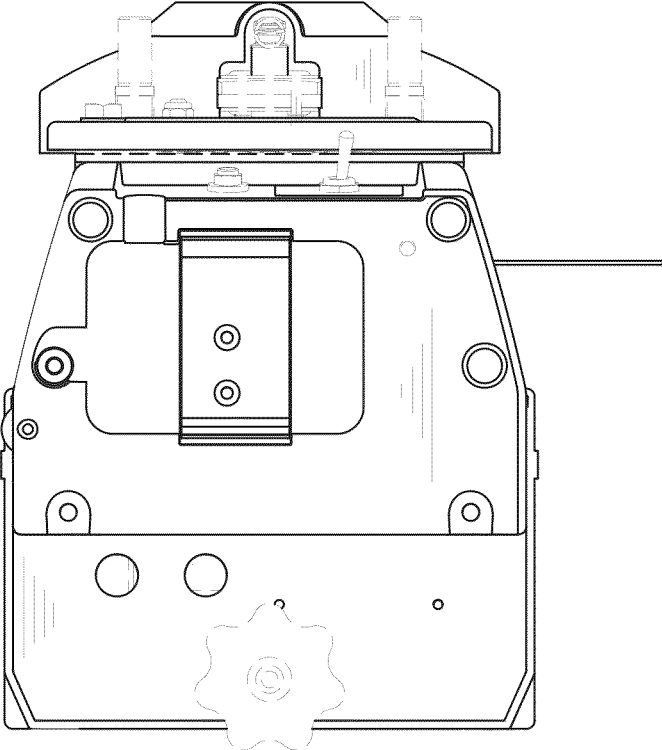


Fig. 6

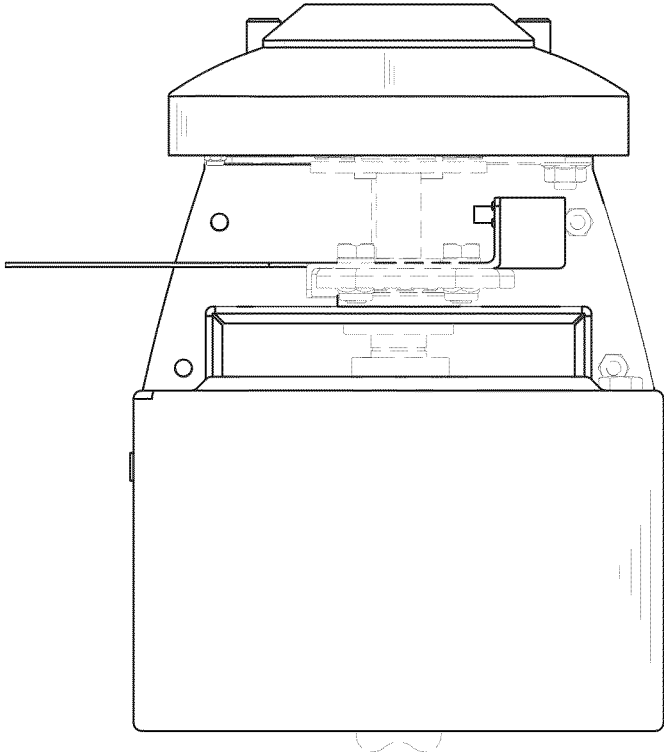


Fig. 7

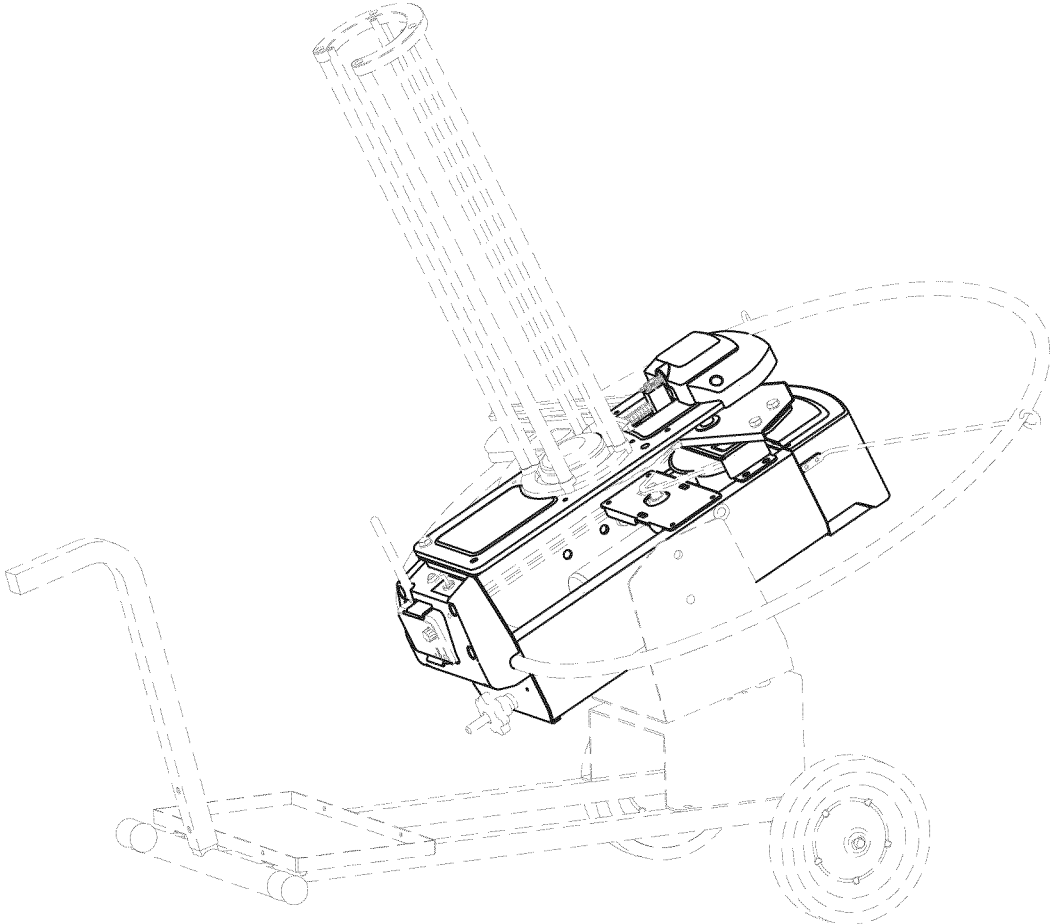


Fig. 8