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(12) **United States Design Patent**  
**de Oliveira et al.**

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- (54) **MOBILE ROBOT**
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- (72) Inventors: **Sergio de Oliveira**, Massillon, OH (US); **Elijah Wiegmann**, Wexford, PA (US)
- (73) Assignee: **Seegrid Corporation**, Pittsburgh, PA (US)

D912,574 S *	3/2021	Li .....	D12/1
11,292,498 B2 *	4/2022	Weiss .....	B66F 9/06
D953,203 S *	5/2022	Müller .....	D12/86
2011/0037963 A1	2/2011	Weiss et al.	
2014/0074341 A1	3/2014	Weiss	
2019/0054944 A1	2/2019	Weiss	
2021/0237596 A1	8/2021	Butina et al.	
2021/0284198 A1 *	9/2021	Schmidt .....	B60W 30/0953
2021/0395007 A1 *	12/2021	Galluzzo .....	B65G 1/0407
2022/0100192 A1 *	3/2022	Voisin .....	B66F 9/063
2022/0100195 A1	3/2022	Zhang et al.	
2023/0264934 A1 *	8/2023	Okuda .....	B66F 9/10 414/812

(\*\*) Term: **15 Years**

**FOREIGN PATENT DOCUMENTS**

(21) Appl. No.: **29/832,212**

EP	3000772 A1 *	3/2016	.....	B66F 9/07
JP	11292498 A *	10/1999		

(Continued)

(22) Filed: **Mar. 25, 2022**

*Primary Examiner* — Patricia A Palasik

(51) **LOC (14) Cl.** ..... **15-99**

(74) *Attorney, Agent, or Firm* — Onello & Mello, LLP

(52) **U.S. Cl.**

USPC ..... **D15/199**

(58) **Field of Classification Search**

USPC ..... D12/1; D15/199; D21/578; D34/34, 35  
 CPC ..... B25J 5/007; B60B 19/006; B62D 57/024;  
 B66F 9/06; B66F 9/24; B66F 9/061;  
 H01F 7/0221; Y10S 901/00; Y10S 901/01  
 See application file for complete search history.

(57) **CLAIM**

The ornamental design for a mobile robot, as shown and described.

(56) **References Cited**

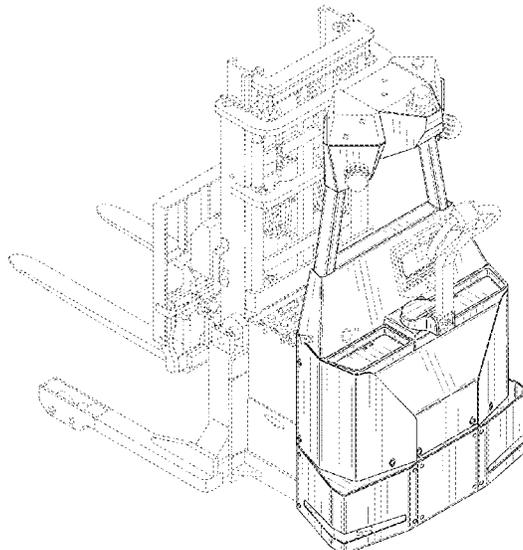
**DESCRIPTION**

**U.S. PATENT DOCUMENTS**

D159,988 S *	9/1950	Jones .....	D34/34
D267,084 S *	11/1982	Bittinger .....	D34/18
D295,105 S *	4/1988	Dawson .....	D34/28
D409,349 S *	5/1999	Bidwell .....	D12/1
D424,777 S *	5/2000	Bidwell .....	D34/34
D477,083 S *	7/2003	Bromley .....	D24/170
8,169,596 B2	5/2012	Weiss et al.	
8,600,628 B2 *	12/2013	Haemmerl .....	B66F 9/08 701/50
D730,614 S *	5/2015	Wu .....	D34/34
D884,560 S *	5/2020	Ringer .....	B62D 53/0821 D12/93
10,800,640 B2 *	10/2020	Pöschl .....	B66F 9/07568

FIG. 1 is an isometric view of a mobile robot, in accordance with the present invention;  
 FIG. 2 is a front view of the mobile robot of FIG. 1;  
 FIG. 3 is a rear view of the mobile robot of FIG. 1;  
 FIG. 4 is a left-side view of the mobile robot of FIG. 1;  
 FIG. 5 is a right-side view of the mobile robot of FIG. 1;  
 FIG. 6 is a top view of the mobile robot of FIG. 1; and,  
 FIG. 7 is a bottom view of the mobile robot of FIG. 1.  
 In the drawings of FIGS. 1 through 7, the broken lines illustrate unclaimed portions of the mobile robot subject matter that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

FOREIGN PATENT DOCUMENTS

WO	2011022303	2/2011
WO	2021155345	8/2021
WO	2021183605	9/2021
WO	2022072616	4/2022

\* cited by examiner

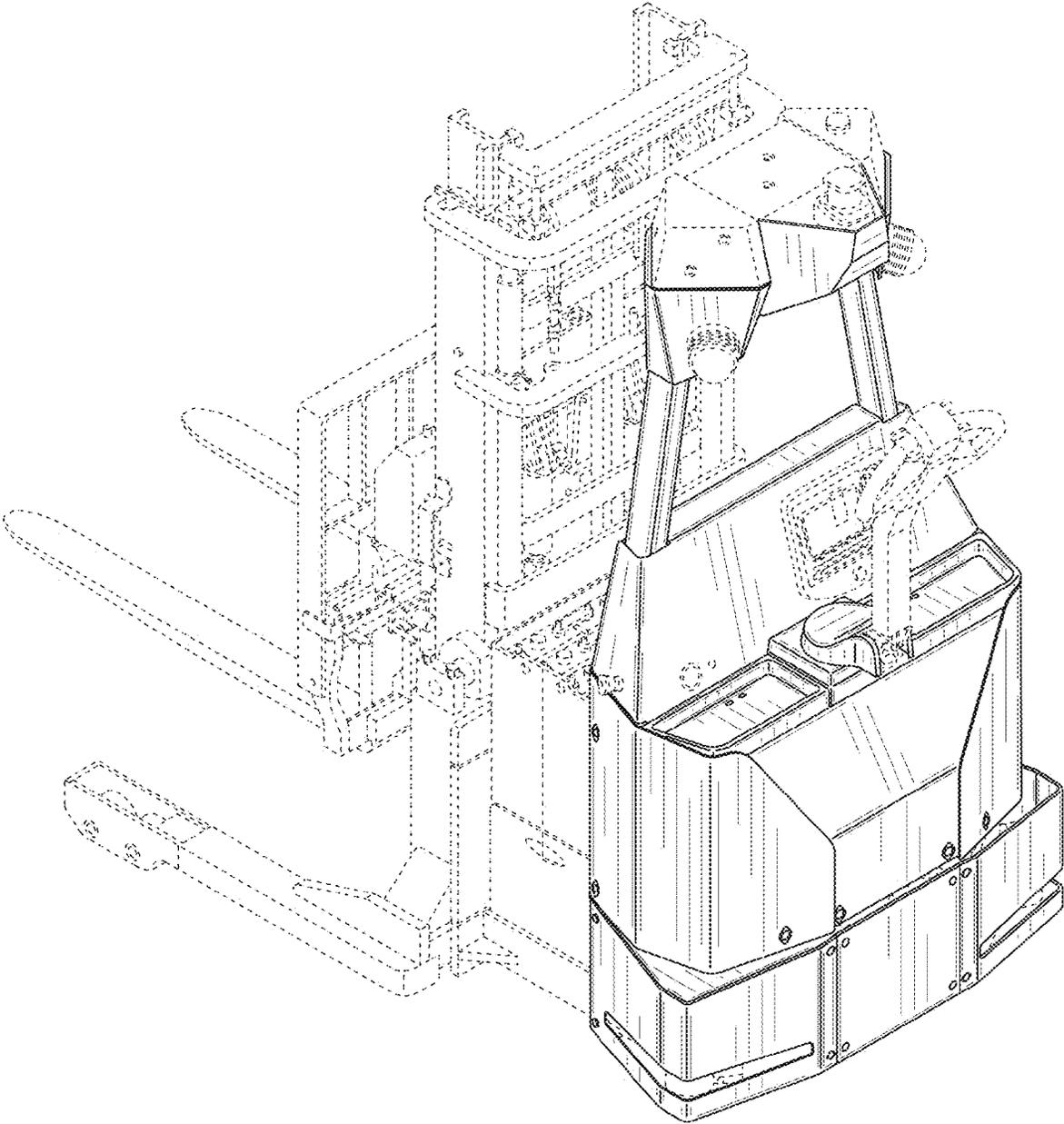


FIG. 1

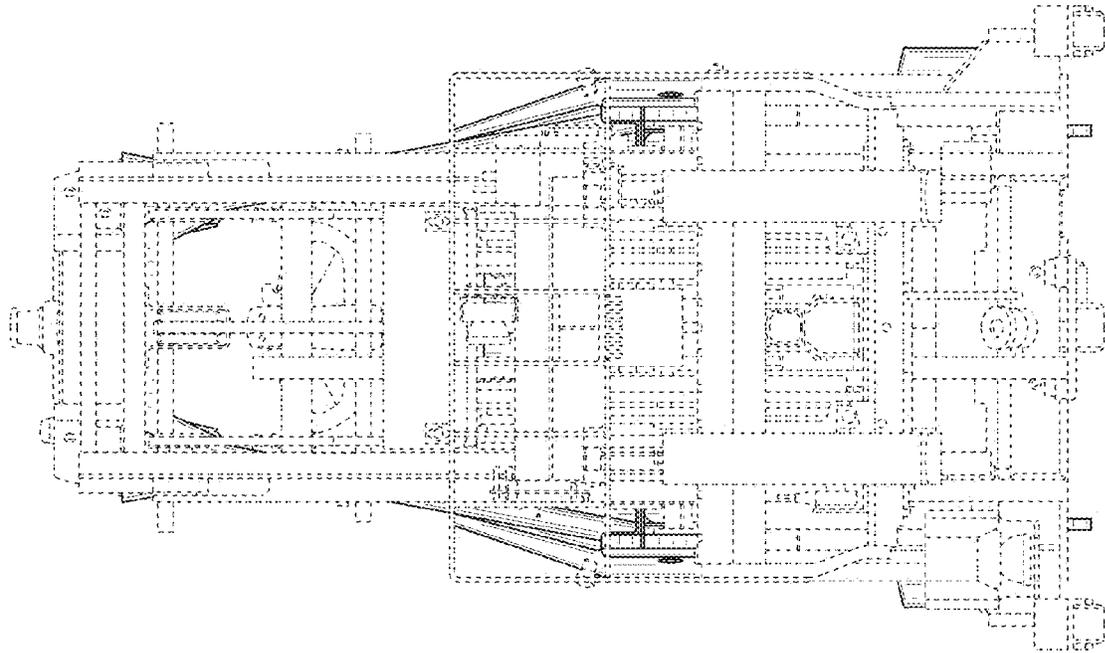


FIG. 2

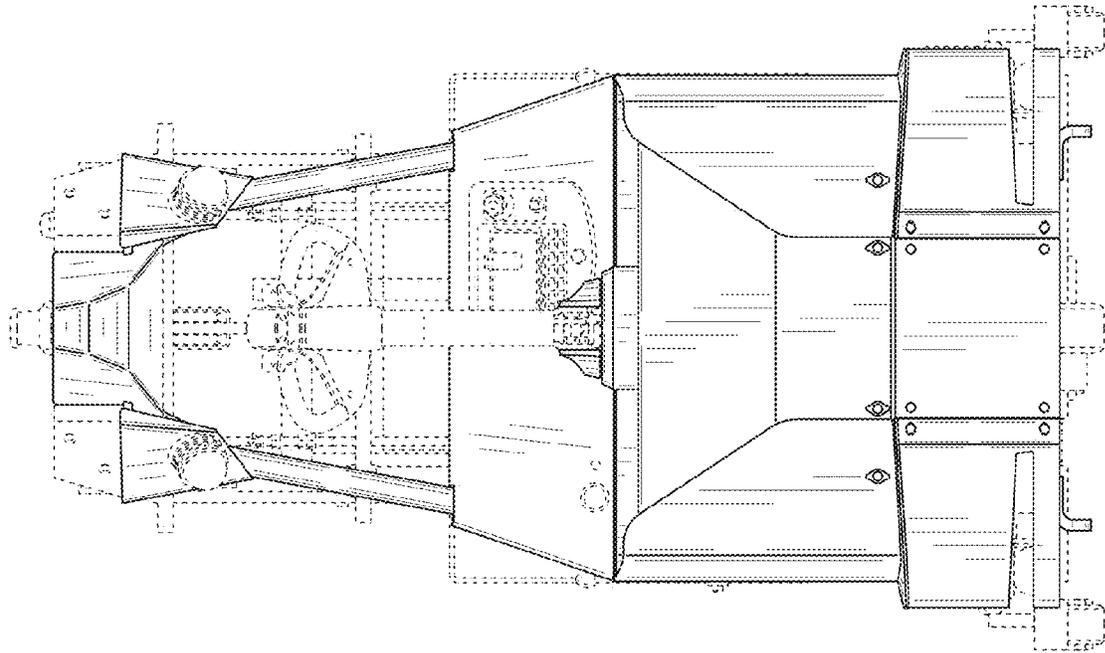


FIG. 3

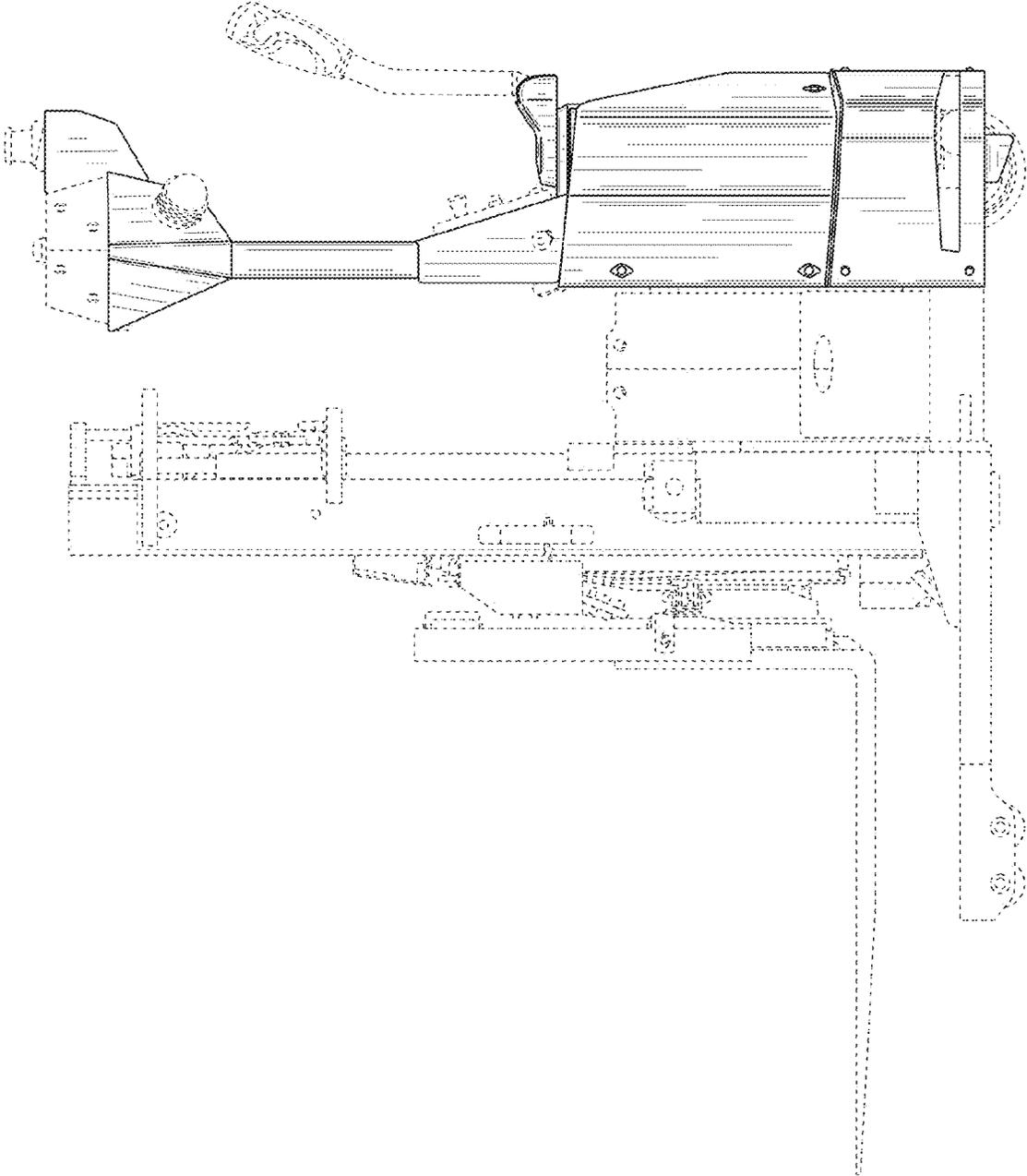


FIG. 4

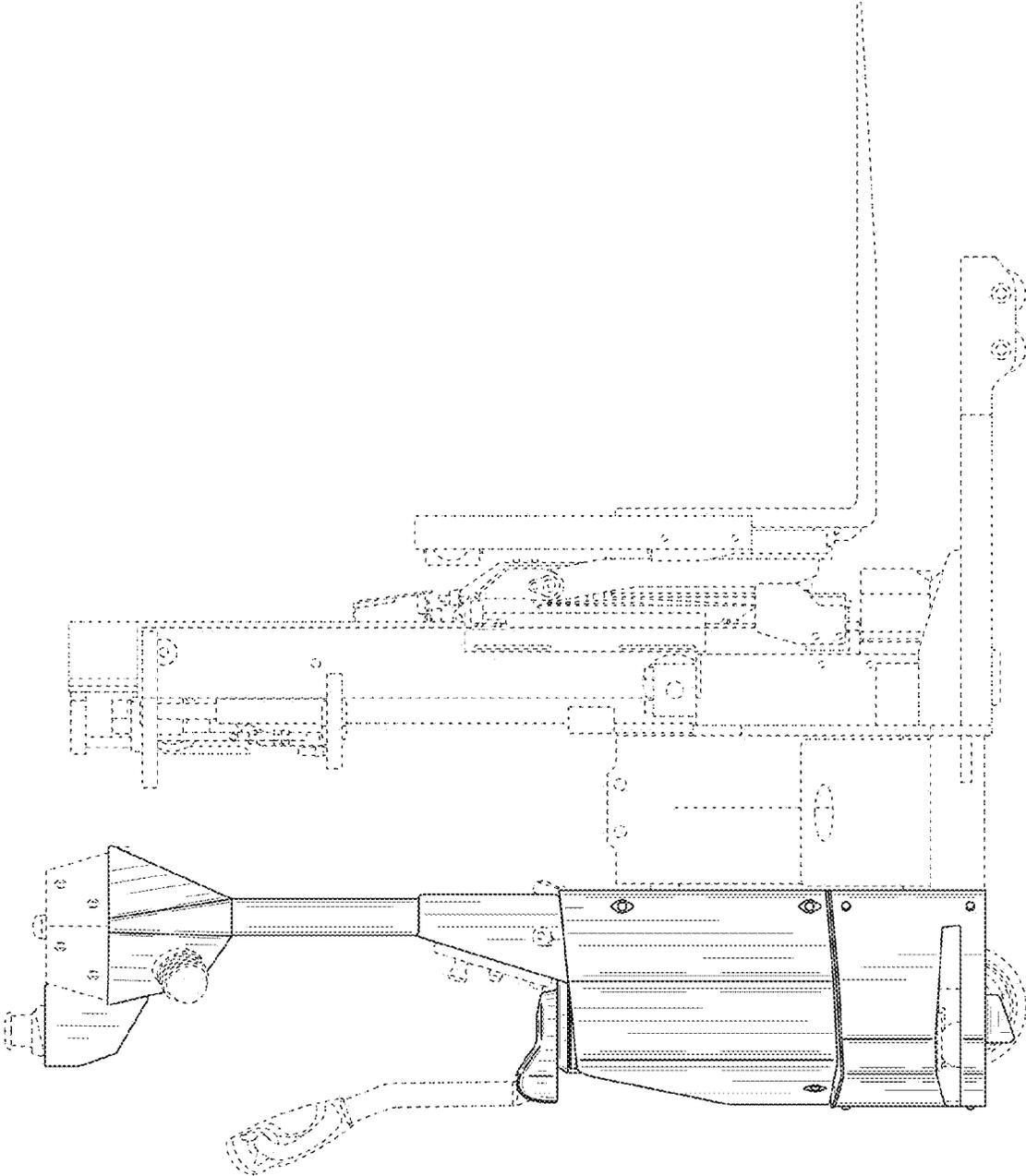


FIG. 5

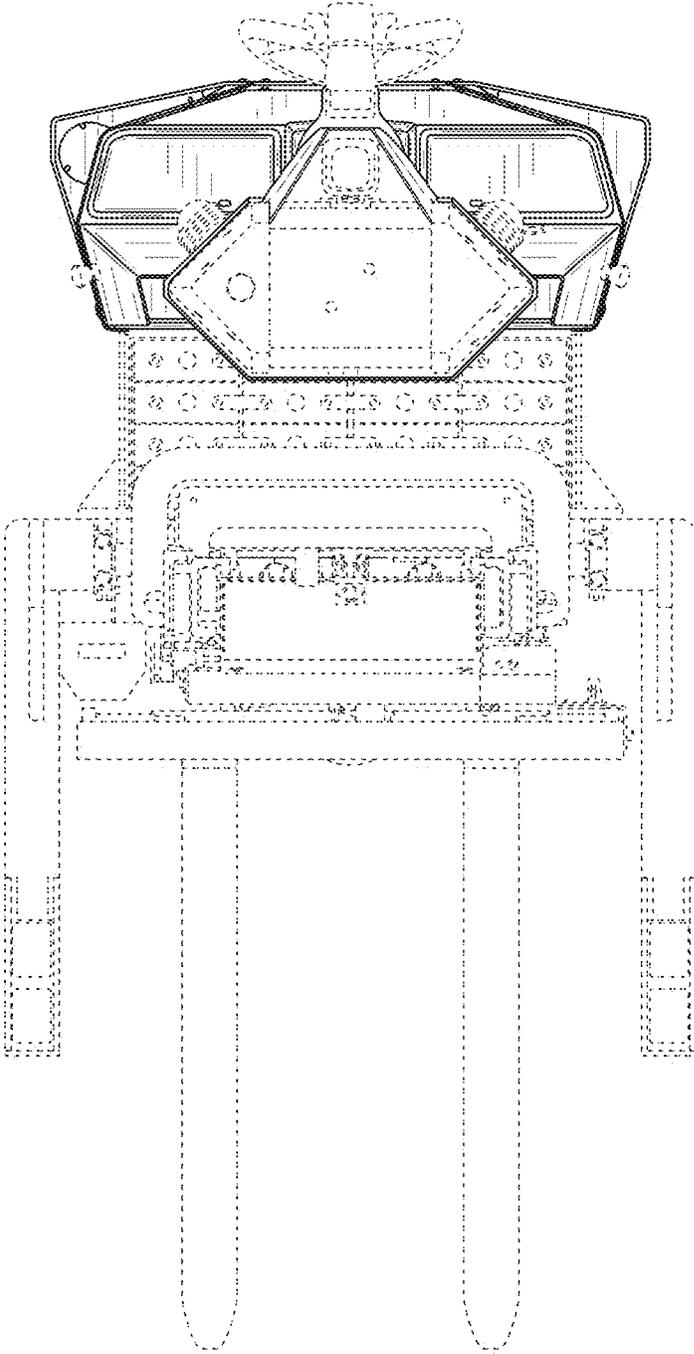


FIG. 6

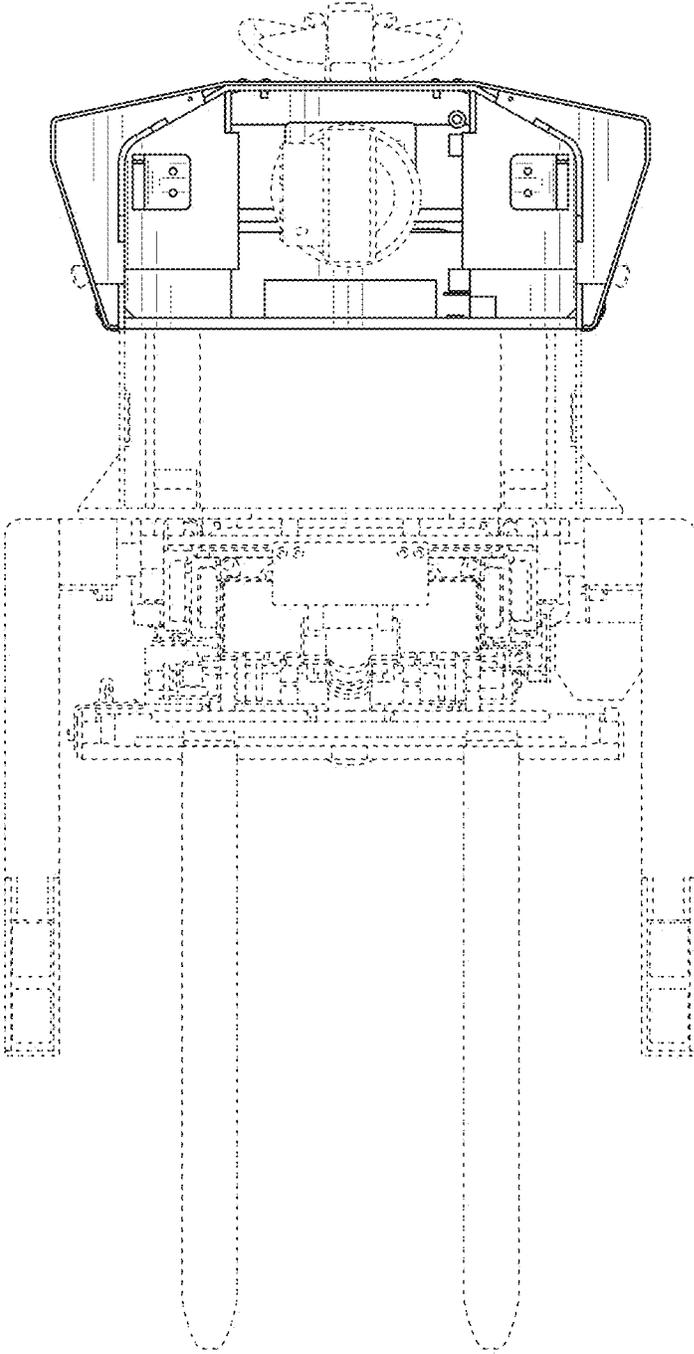


FIG. 7