



US00D906393S

(12) **United States Design Patent**  
**Gulassa et al.**

(10) **Patent No.:** **US D906,393 S**  
(45) **Date of Patent:** **\*\* Dec. 29, 2020**

(54) **ROBOT SYSTEM WITH ILLUMINATED INDICATOR RING**

(71) Applicant: **Omron Robotics and Safety Technologies, Inc.**, Pleasanton, CA (US)

(72) Inventors: **C. Brian Gulassa**, Berkeley, CA (US);  
**Daniel P. Norboe**, Alameda, CA (US);  
**Tim Vickroy**, Livermore, CA (US)

(73) Assignee: **Omron Robotics and Safety Technologies, Inc.**, Pleasanton, CA (US)

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

(21) Appl. No.: **29/745,846**

(22) Filed: **Aug. 10, 2020**

**Related U.S. Application Data**

(63) Continuation of application No. 29/645,824, filed on Apr. 30, 2018.

(51) **LOC (12) Cl.** ..... **15-99**

(52) **U.S. Cl.**  
USPC ..... **D15/199**

(58) **Field of Classification Search**  
USPC ..... D15/122, 199; D21/578-583, 621, 622  
CPC ..... B25J 5/007; B25J 9/00; B25J 9/04; B25J 18/00; B60B 19/006; B62D 57/024; Y10S 901/01

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D282,077 S	1/1986	Abe et al.
D503,943 S	4/2005	Kawaguchi
D615,574 S	5/2010	Liu et al.
D636,803 S	4/2011	Nakagiri et al.
D650,820 S	12/2011	Long

D711,061 S	8/2014	Chen
D711,447 S	8/2014	Kasahara
D712,448 S	9/2014	Kasahara
D713,436 S	9/2014	Liu
D790,618 S	6/2017	Ke et al.
D800,199 S	10/2017	Yang et al.

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP 1070203 S 5/2000

**OTHER PUBLICATIONS**

“New Product Assembly Robot ’98-8”, Panasonic (Matsushita), received by JPO on Aug. 25, 1998, HC1001908000, Aug. 25, 1998.

(Continued)

*Primary Examiner* — Patricia A Palasik

(74) *Attorney, Agent, or Firm* — Murphy, Bilak & Homiller, PLLC

(57) **CLAIM**

We claim the ornamental design for a robot system with illuminated indicator ring, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a robot system with illuminated indicator ring according to our novel, original, and ornamental design; and

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

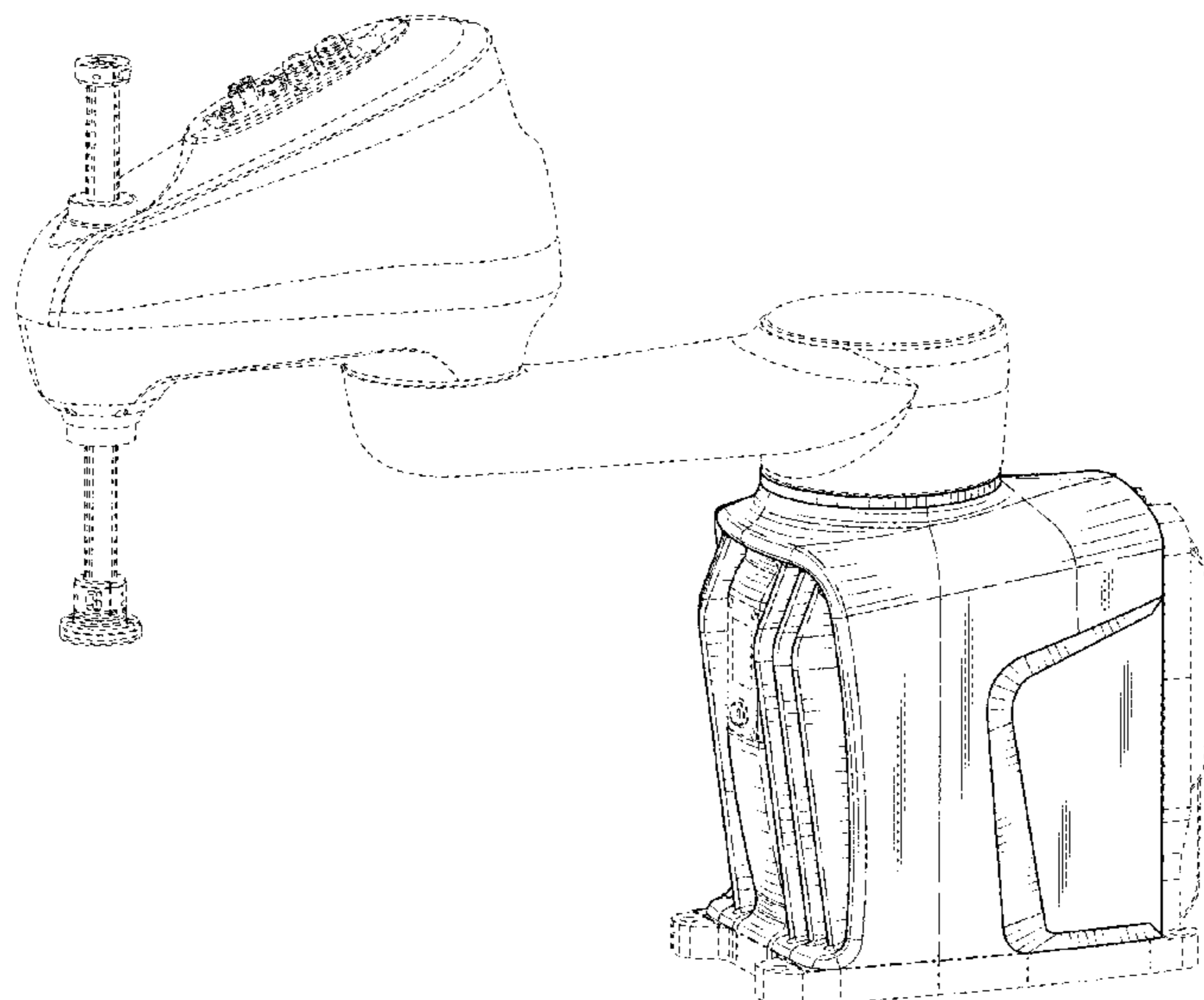
FIG. 5 is a left side view thereof; and,

FIG. 6 is a right side view thereof.

The shade lines in the Figures show contour and not surface ornamentation.

The broken lines in the Figures depict portions of the robot system with illuminated indicator ring which form no part of the claimed ornamental design.

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D818,511 S     5/2018 Li et al.  
D833,499 S     11/2018 Wang et al.  
D839,941 S     2/2019 Gao et al.  
D839,942 S     2/2019 Feng et al.  
D860,280 S \*   9/2019 Gulassa ..... D15/199  
D860,281 S \*   9/2019 Gulassa ..... D15/199  
D860,282 S \*   9/2019 Gulassa ..... D15/199

OTHER PUBLICATIONS

“Robot General Catalog”, Seiko Epson Corporation, 2009 New Product Catalog No. 004, HN0900220000, Dec. 19, 1996, p. 5.  
“Yamaha SCARA Robot YK-X Series”, Yamaha Motor Co., Ltd., 200 New Product Catalog, HN1201083900, Oct. 20, 2000, p. 6.

\* cited by examiner

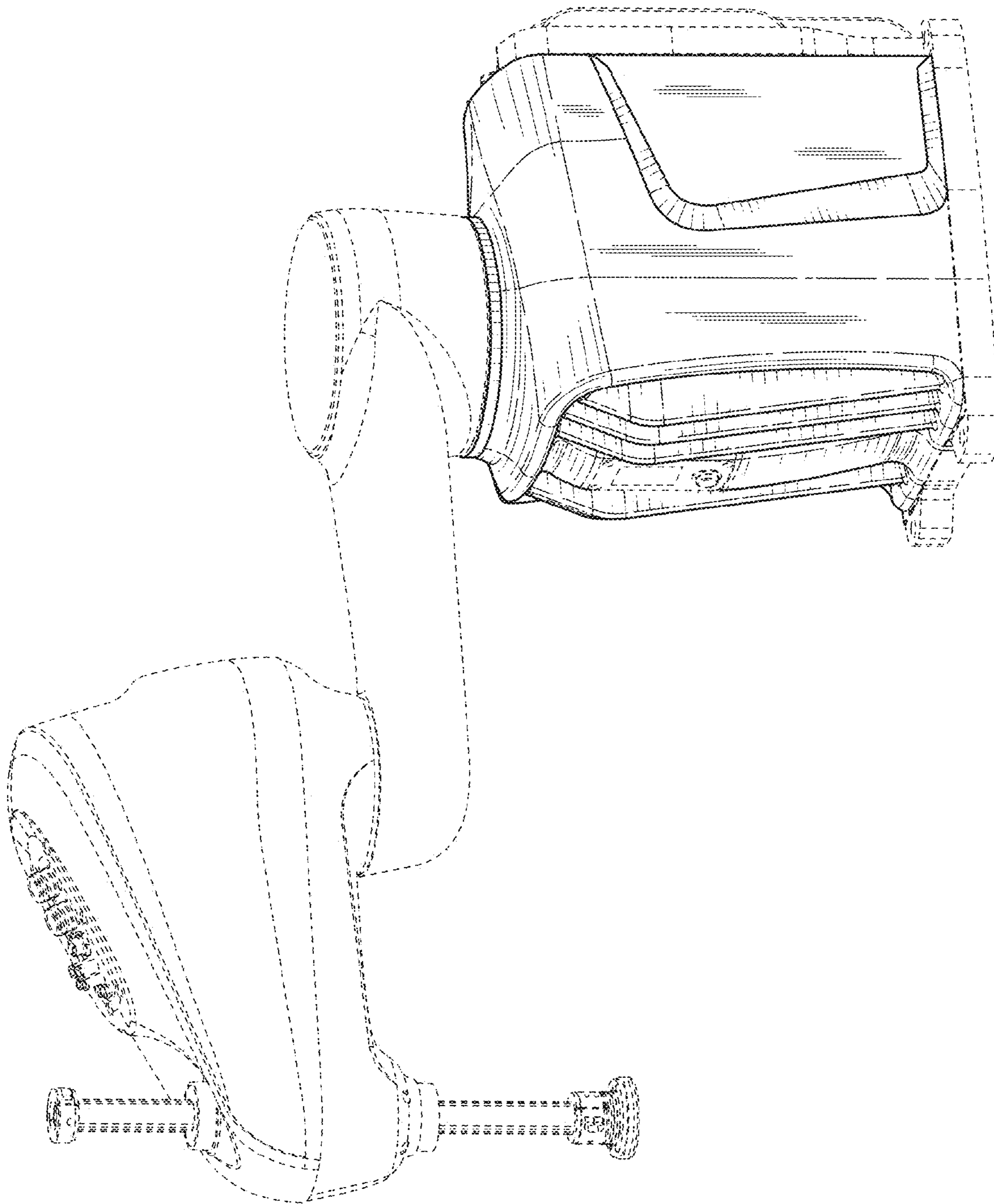


FIG. 1

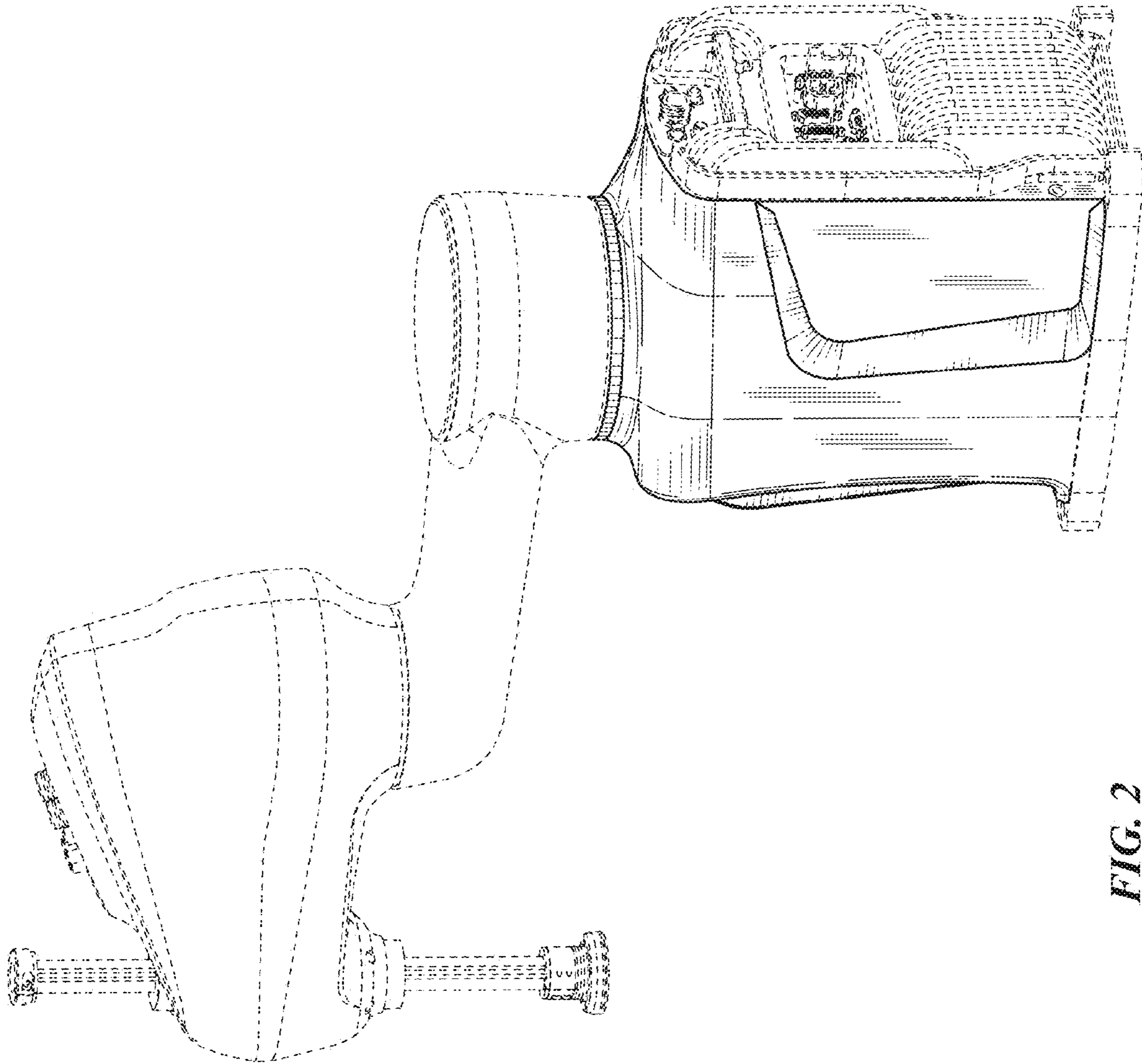


FIG. 2

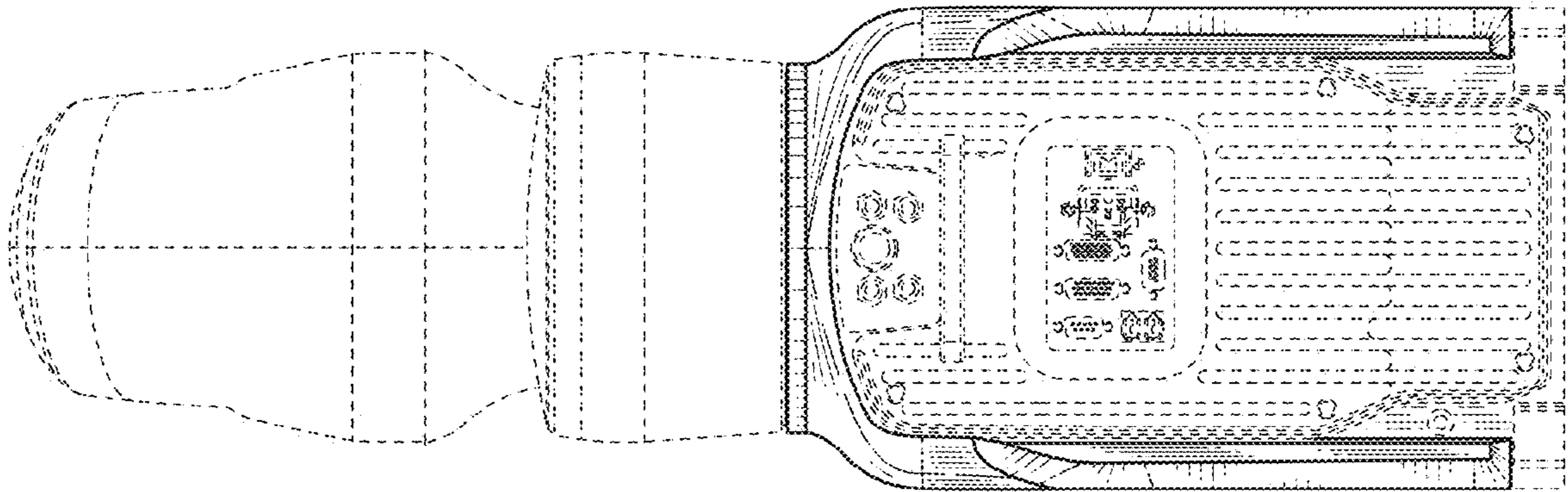


FIG. 4

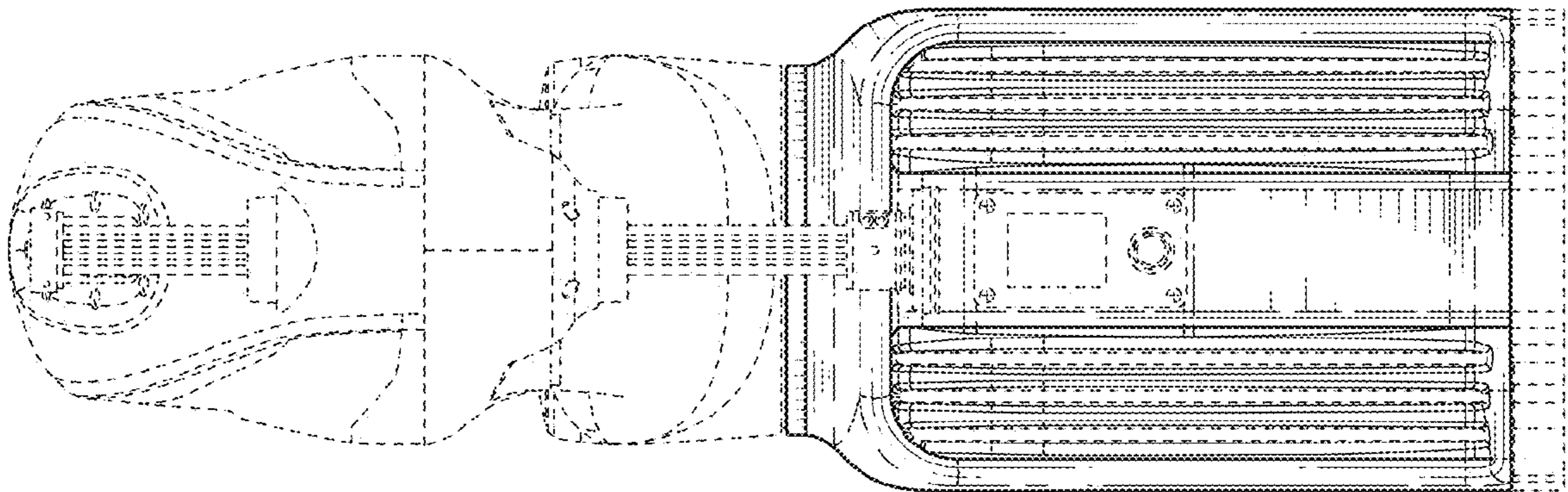
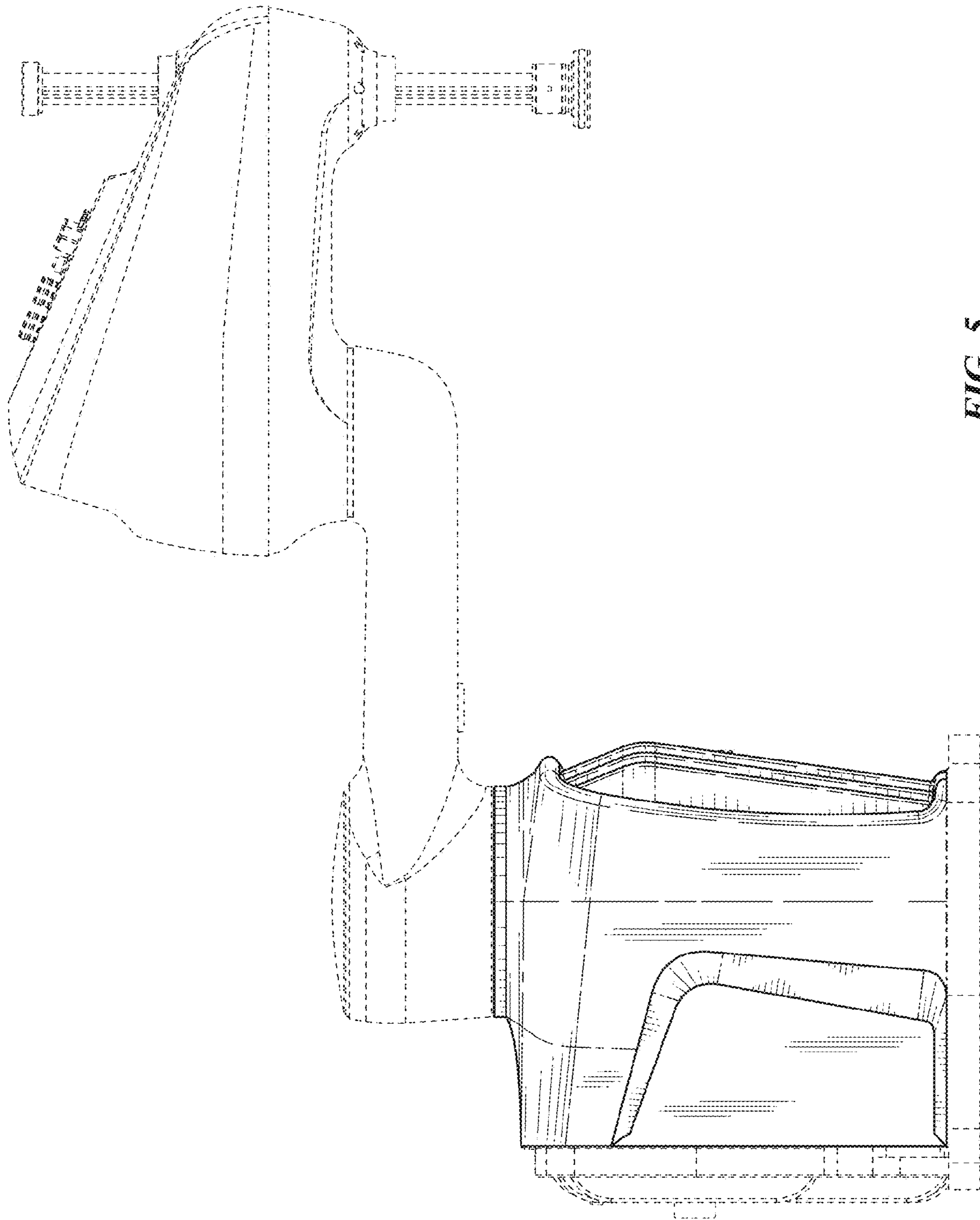


FIG. 3



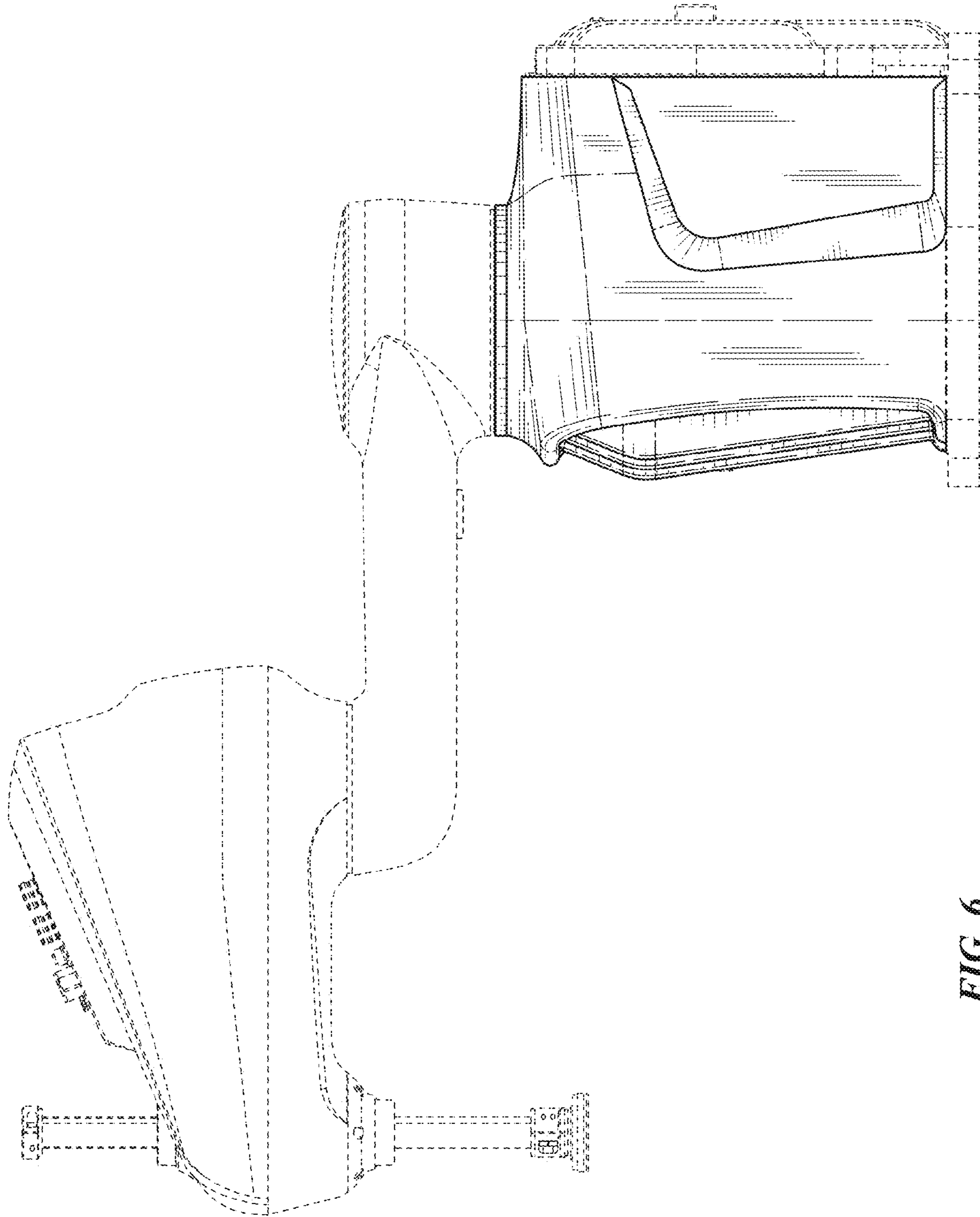


FIG. 6