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(12) **United States Design Patent** (10) **Patent No.:** **US D896,860 S**  
**Abe et al.** (45) **Date of Patent:** **\*\* Sep. 22, 2020**

(54) **INDUSTRIAL ROBOT**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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D267,883 S	2/1983	Susnjara	
D269,681 S *	7/1983	Morser	D15/122
D279,572 S	7/1985	Yasuoka et al.	
D287,368 S *	12/1986	Shibayama	D15/122
D293,449 S	12/1987	Kaufmann et al.	
D296,790 S	7/1988	Tsuburaya et al.	
D300,935 S	5/1989	Maddock et al.	
D307,282 S	4/1990	Suica et al.	
D334,581 S	4/1993	Yoshikawa et al.	
D344,279 S	2/1994	Koyama et al.	
D344,280 S	2/1994	Koyama et al.	
D410,477 S	6/1999	Nihei et al.	
D444,488 S *	7/2001	Selic	D15/199
D449,057 S *	10/2001	Selic	D15/199
D616,909 S	6/2010	Long	
D624,104 S *	9/2010	Miyake	D15/199
7,810,765 B2	10/2010	Burlot	

(Continued)

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OTHER PUBLICATIONS

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

Office Action issued in Design U.S. Appl. No. 29/666,163, dated Nov. 18, 2019.

(Continued)

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*Primary Examiner* — Patricia A Palasik

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(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

(30) **Foreign Application Priority Data**

(57) **CLAIM**

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The ornamental design for an industrial robot, as shown and described.

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

**DESCRIPTION**

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

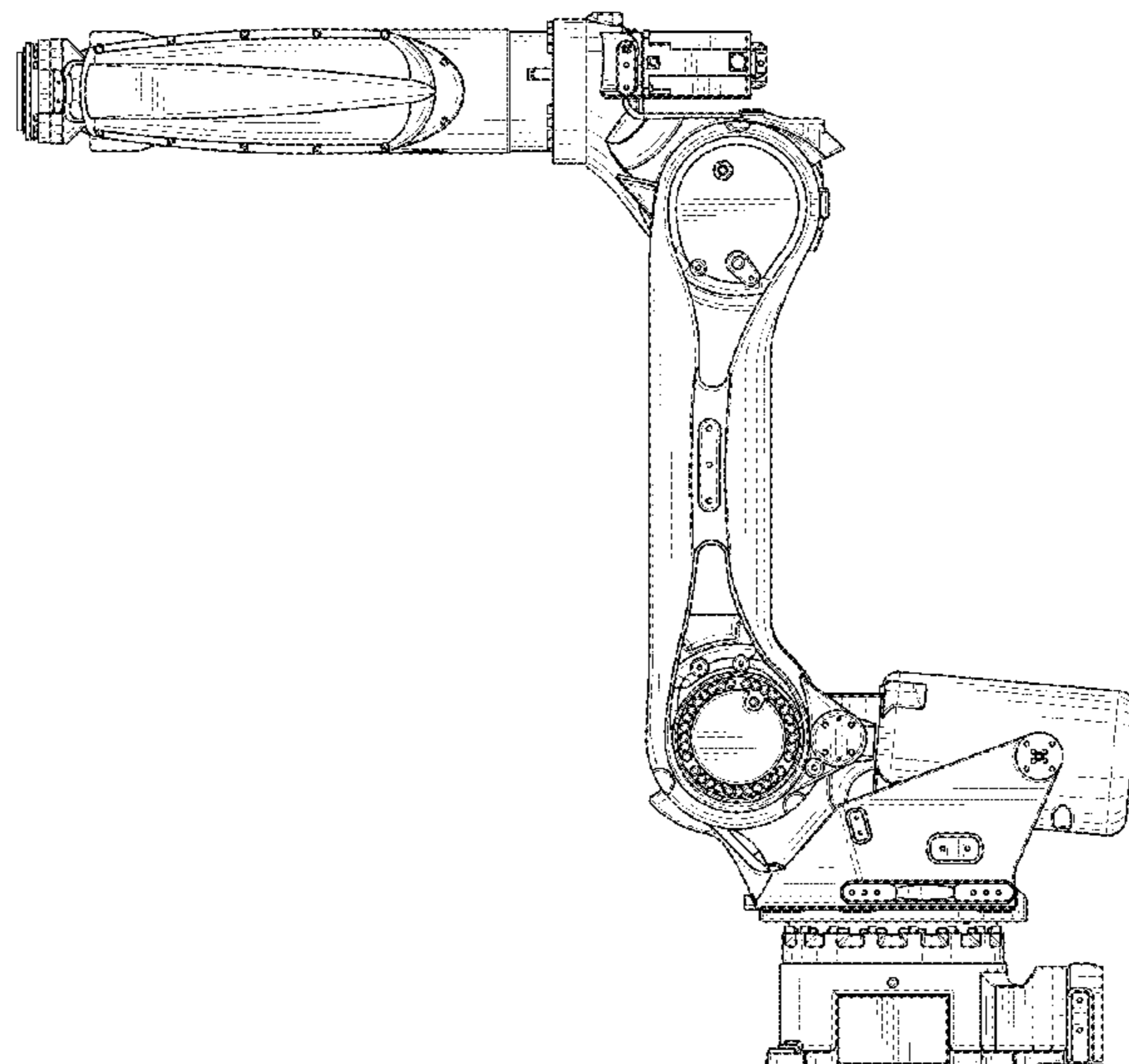
FIG. 1 is a front view of an industrial robot showing our new design;

(58) **Field of Classification Search**  
USPC ..... D15/122, 199; D21/578-583; D32/21; D34/34  
CPC .... B25J 9/046; B25J 9/042; B25J 9/06; H01L 21/67766

FIG. 2 is a rear view thereof,  
FIG. 3 is a top plan view thereof;  
FIG. 4 is a bottom view thereof;  
FIG. 5 is a right side view thereof; and,  
FIG. 6 is a left side view thereof.

See application file for complete search history.

**1 Claim, 6 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D629,030 S \* 12/2010 Long ..... D15/199  
 D636,004 S 4/2011 Nakagiri et al.  
 D636,419 S 4/2011 Nakagiri et al.  
 D636,803 S 4/2011 Nakagiri et al.  
 D638,044 S \* 5/2011 Ikoma ..... D15/199  
 D638,455 S 5/2011 Long  
 D650,820 S 12/2011 Long  
 D651,627 S \* 1/2012 Long ..... D15/199  
 D670,319 S 11/2012 Liu et al.  
 D677,294 S \* 3/2013 Long ..... D15/199  
 D678,378 S \* 3/2013 Selic ..... D15/199  
 D681,708 S \* 5/2013 Miyake ..... D15/199  
 8,434,387 B2 5/2013 Nakagiri et al.  
 8,537,346 B2 9/2013 Nakagiri et al.  
 D690,753 S \* 10/2013 Liu ..... D15/199  
 D704,757 S 5/2014 Nagai et al.  
 D707,277 S \* 6/2014 Olsson ..... D15/199  
 D713,436 S 9/2014 Liu  
 D766,348 S \* 9/2016 Long ..... D15/199  
 D769,343 S \* 10/2016 Bordegnoni ..... D15/199  
 D769,954 S \* 10/2016 Kinoshita ..... D15/199  
 D774,579 S \* 12/2016 Oda ..... D15/199

D778,971 S \* 2/2017 Long ..... D15/199  
 D800,813 S \* 10/2017 Zhu ..... D15/199  
 D802,041 S \* 11/2017 He ..... D15/199  
 D841,707 S \* 2/2019 Yamamoto ..... D15/199  
 D852,863 S \* 7/2019 Dosho ..... D15/199  
 D855,095 S \* 7/2019 Wang ..... D15/199  
 D865,828 S \* 11/2019 Bogart ..... D15/199  
 D870,169 S \* 12/2019 Dosho ..... D15/199  
 D877,222 S \* 3/2020 Abe ..... D15/199  
 D877,787 S \* 3/2020 Kinoshita ..... D15/199  
 D878,443 S \* 3/2020 Abe ..... D15/199  
 D881,251 S 4/2020 Abe et al.  
 D883,352 S \* 5/2020 Abe ..... D15/199  
 2005/0092122 A1 5/2005 Markert et al.  
 2005/0126327 A1 6/2005 Markert et al.  
 2008/0271561 A1 11/2008 Ohara et al.

OTHER PUBLICATIONS

Office Action issued in the KR Design Application No. KR30-2019-0036362, dated Mar. 16, 2020, 2 pages.  
 Design Application No. KR30-2018-0046740 (Registration No. KR30-1008319), 7 pages.

\* cited by examiner

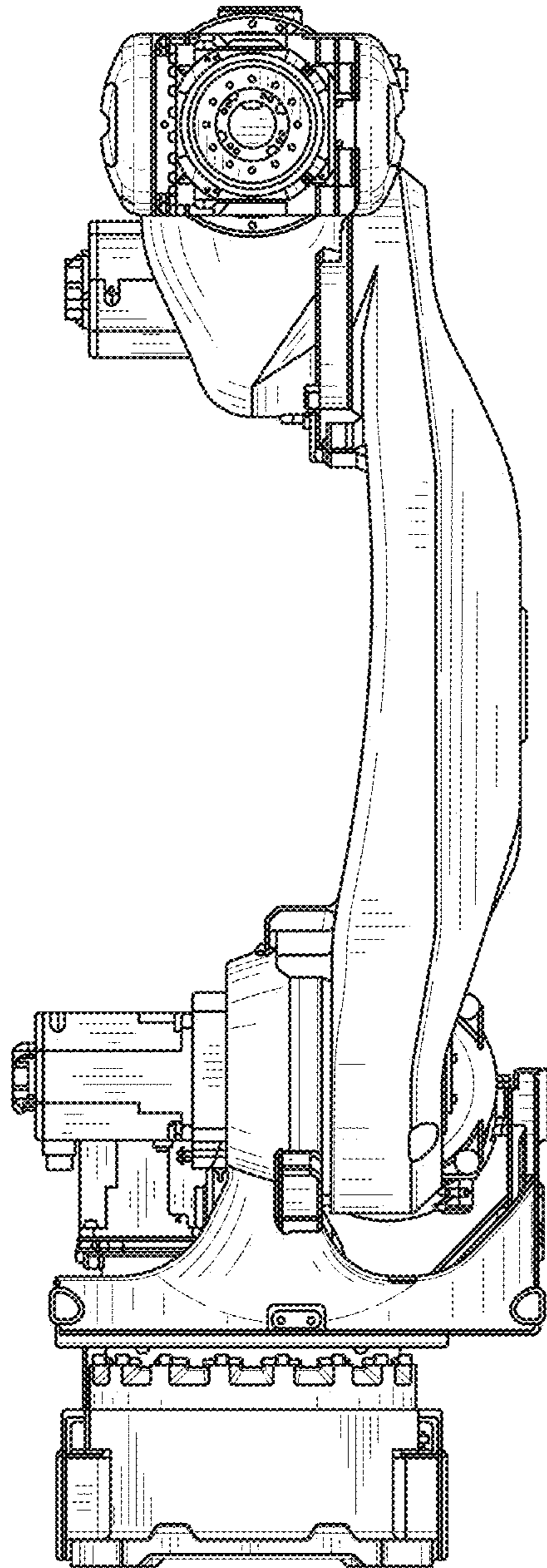


FIG. 1

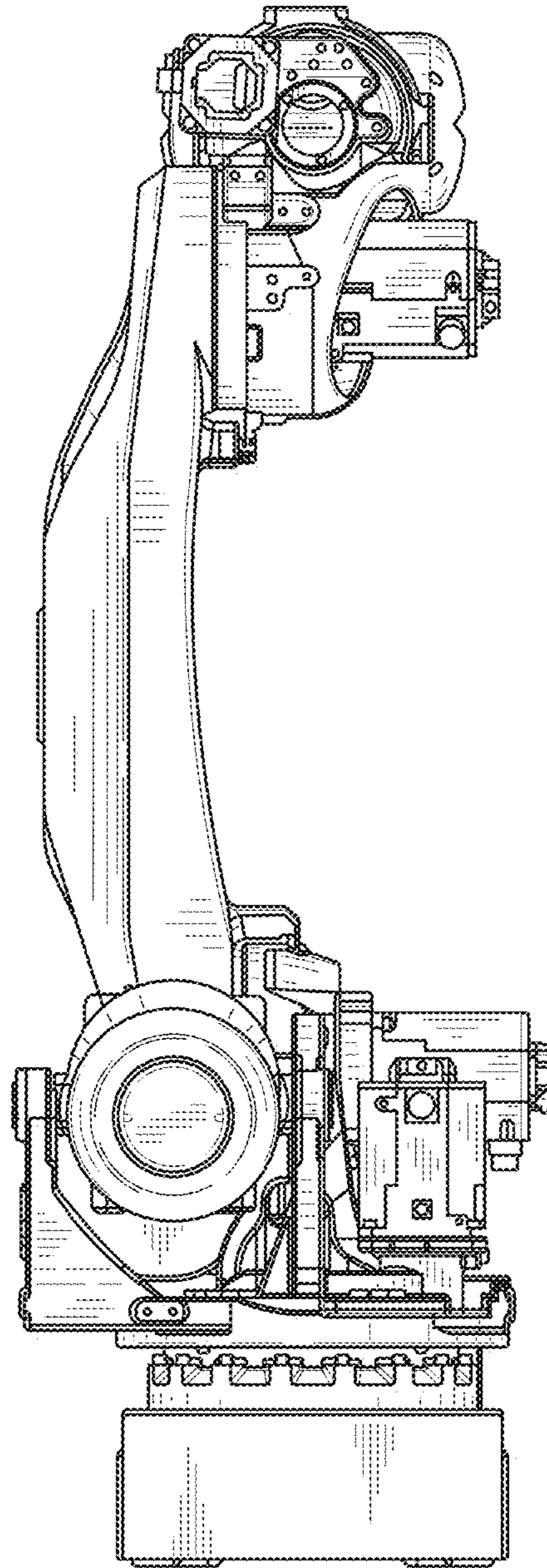


FIG. 2

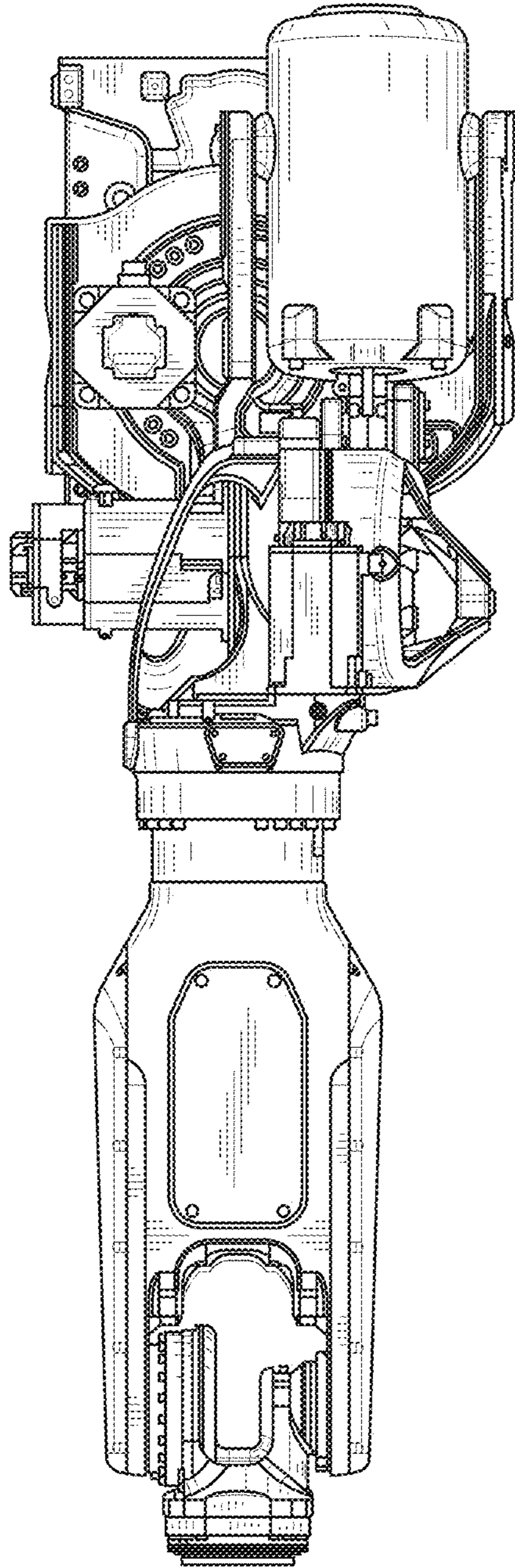


FIG. 3

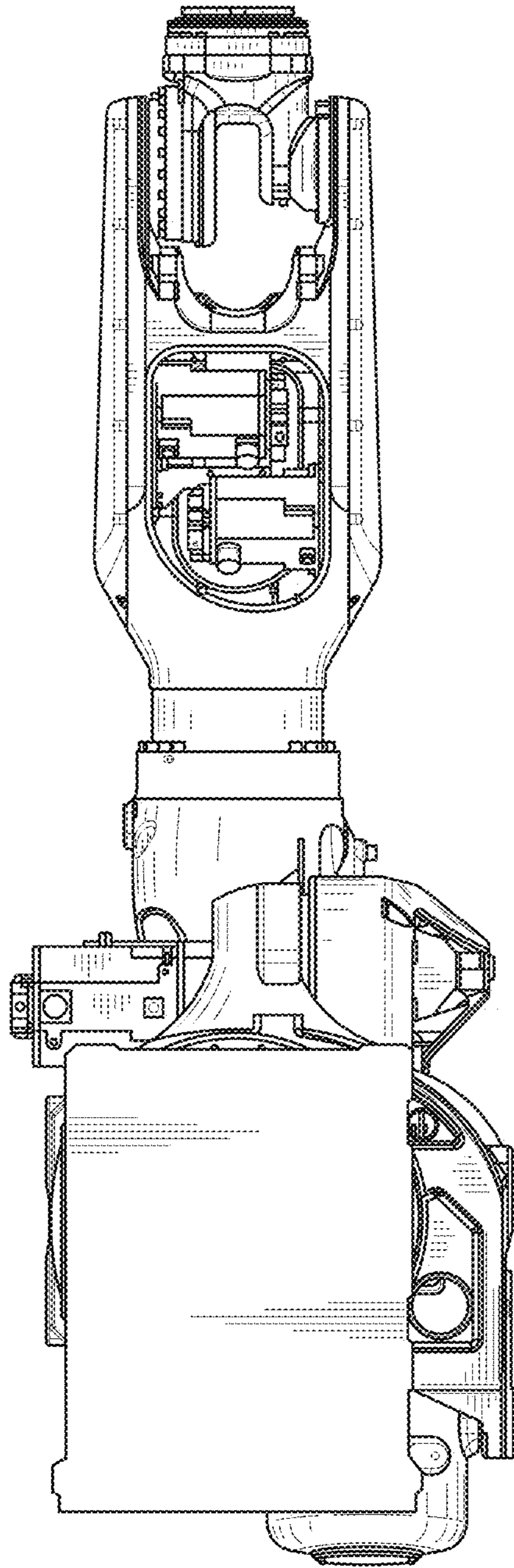


FIG. 4

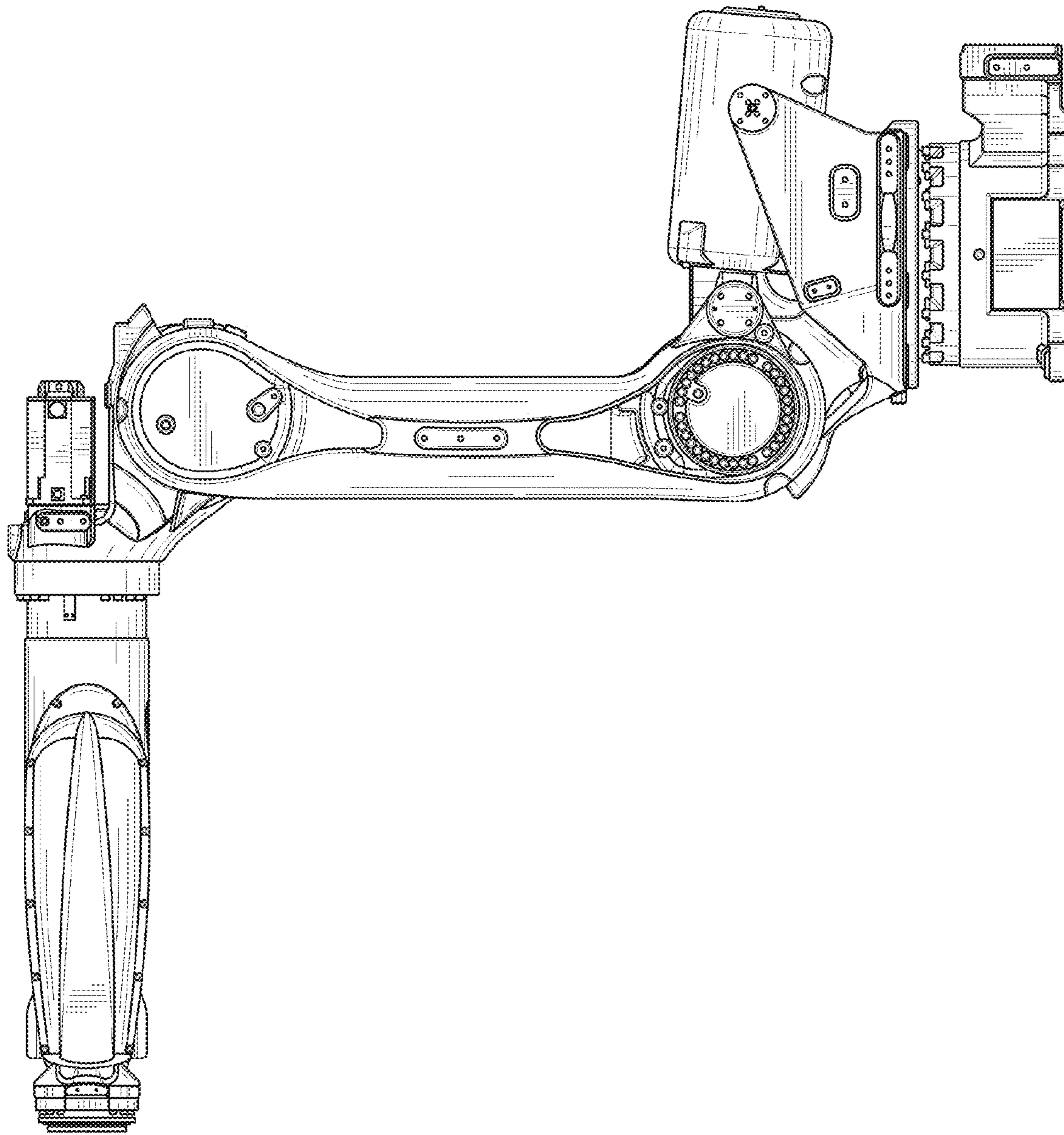


FIG. 5

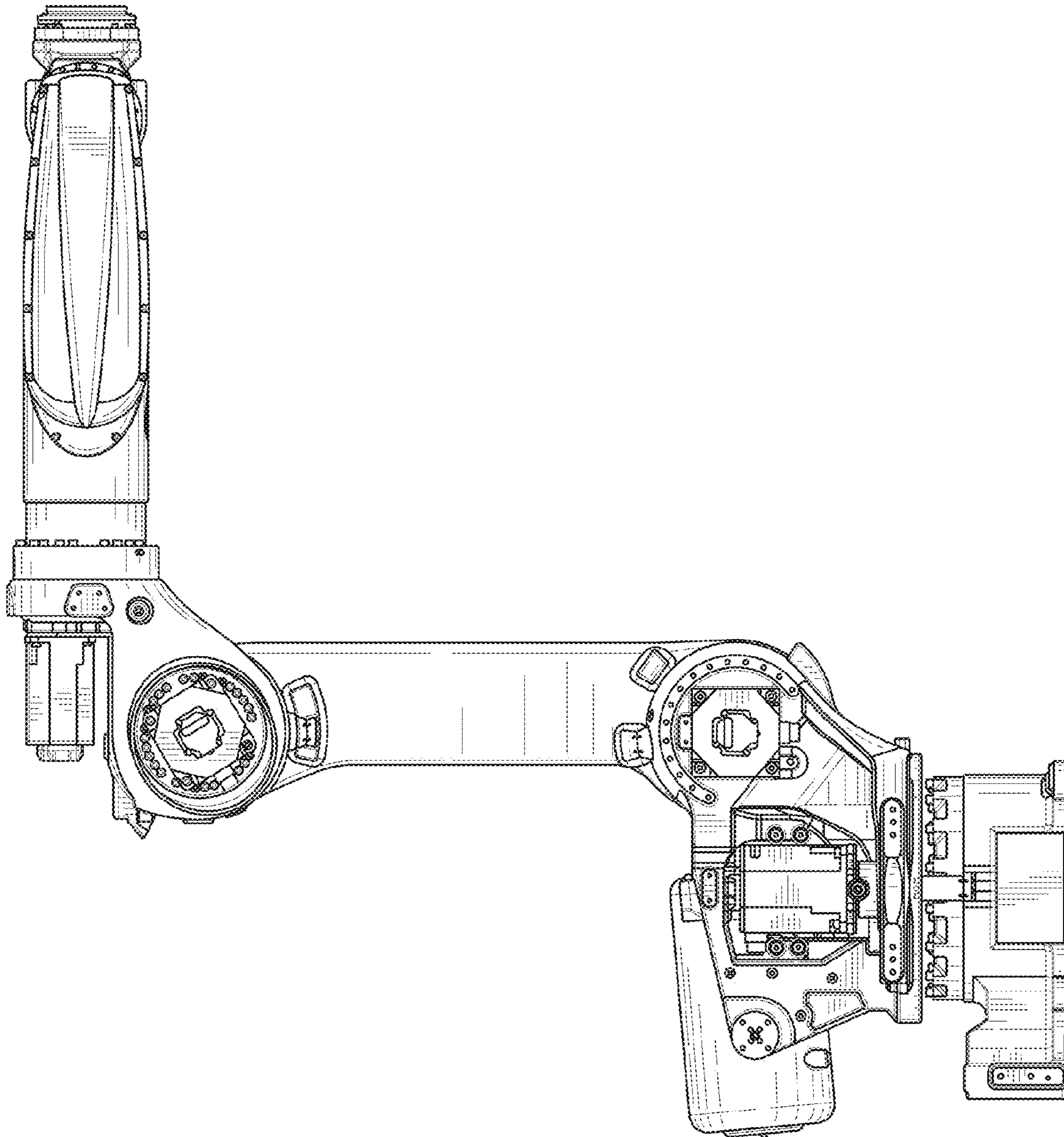


FIG. 6