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(12) **United States Design Patent** (10) **Patent No.:** **US D919,207 S**  
**Dammkoehler et al.** (45) **Date of Patent:** **\*\* May 11, 2021**

(54) **CLEANING MACHINE**  
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Winnenden (DE)

D712,605 S \* 9/2014 Dammkoehler ..... D32/21  
D714,501 S \* 9/2014 Dammkoehler ..... D32/22  
D720,900 S \* 1/2015 Hickmott ..... D32/21  
D779,138 S \* 2/2017 Jin ..... D32/16  
D782,759 S \* 3/2017 Mathiassen ..... D32/21  
D785,254 S \* 4/2017 Dammkoehler ..... D32/16  
D793,635 S \* 8/2017 Dammkoehler ..... D32/16  
D835,369 S \* 12/2018 Thakur ..... D32/15  
10,555,657 B2 \* 2/2020 Pedlar ..... A47L 11/24  
D894,505 S \* 8/2020 Yang ..... D32/15  
2011/0030724 A1 \* 2/2011 Alexander ..... B08B 3/026  
134/6

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

(21) Appl. No.: **29/680,371**

(22) Filed: **Feb. 15, 2019**

(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/15**

(58) **Field of Classification Search**  
USPC ..... D32/15-16, 1, 20-21  
CPC ..... B05B 9/04; B05B 7/24  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D221,021 S \* 6/1971 Jones ..... D32/21  
D337,185 S \* 7/1993 Wulff ..... D32/15  
D370,320 S \* 5/1996 Hachtmann ..... D32/16  
5,890,258 A \* 4/1999 Lee ..... A47L 11/30  
15/320  
D525,000 S \* 7/2006 Williams ..... D32/15  
D542,988 S \* 5/2007 Dammkoehler ..... D32/16  
D549,405 S \* 8/2007 Dammkoehler ..... D32/16  
D568,009 S \* 4/2008 Lam ..... D32/21  
D570,058 S \* 5/2008 Watson ..... D32/1  
D571,512 S \* 6/2008 Dammkoehler ..... D32/15  
D581,608 S \* 11/2008 Dammkoehler ..... D32/21

**OTHER PUBLICATIONS**

Extract from catalog of Alfred Kaercher GmbH & Co. KG, "Programme 2014 Kaercher Professional", cover, pp. 394, 532 and last page (Nov. 2013).

\* cited by examiner

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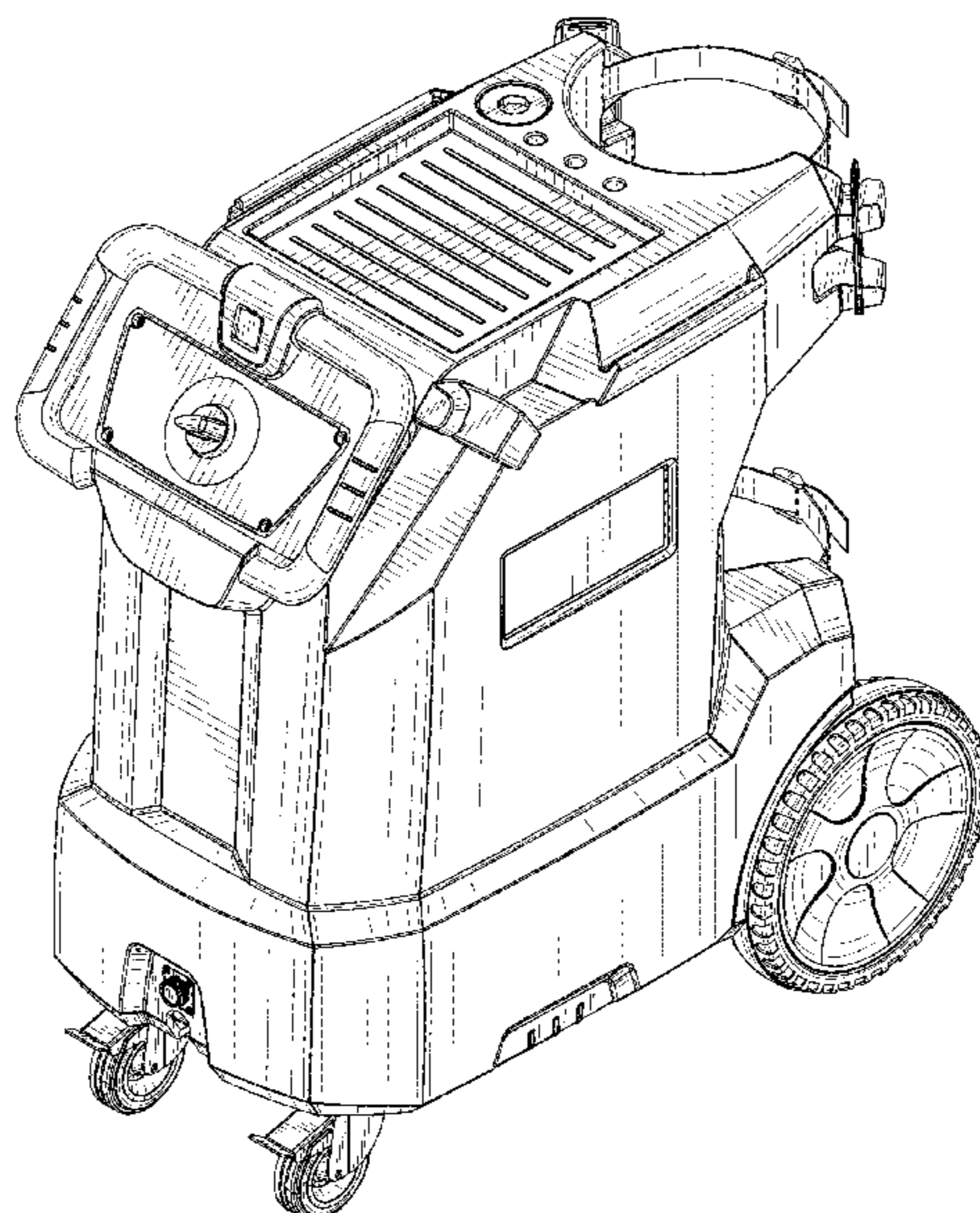
(57) **CLAIM**

The ornamental design for a cleaning machine, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top and left side perspective view of a cleaning machine showing the new design;  
FIG. 2 is a front, top and right side perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a rear elevational view thereof;  
FIG. 6 is a right side elevational view thereof; and,  
FIG. 7 is a top plan view thereof.  
The broken line showing of various elements in the Figures forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



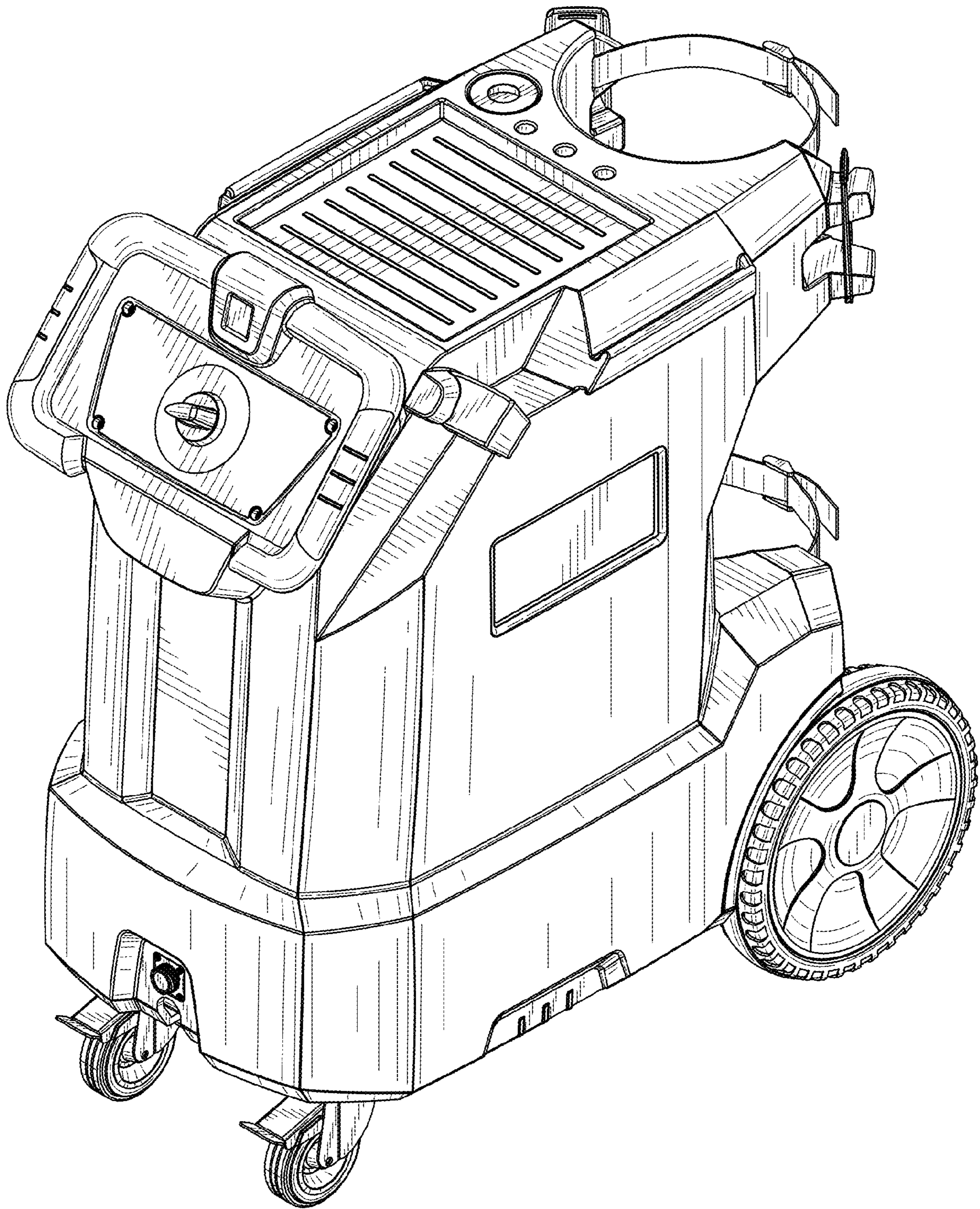


FIG. 1

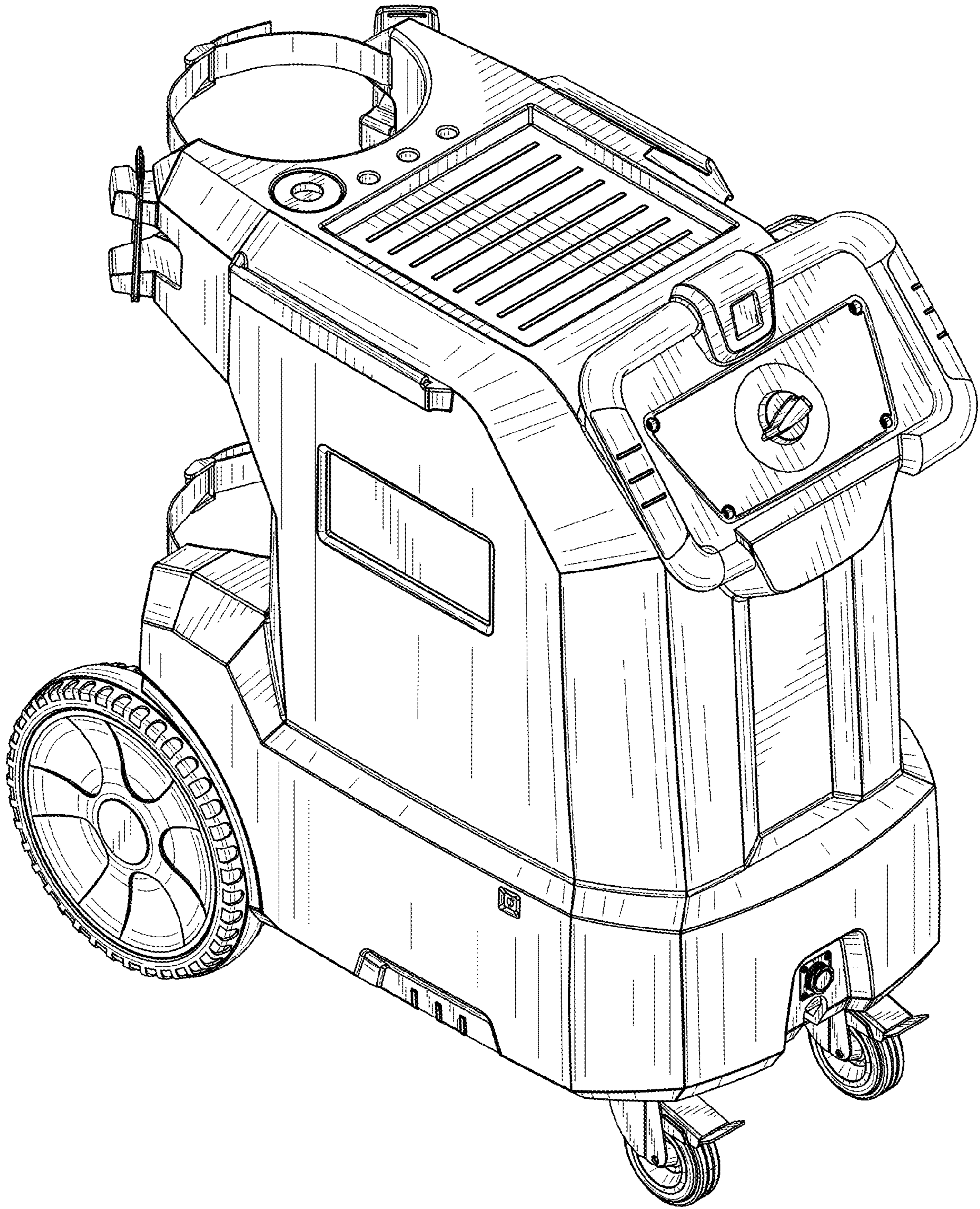


FIG.2

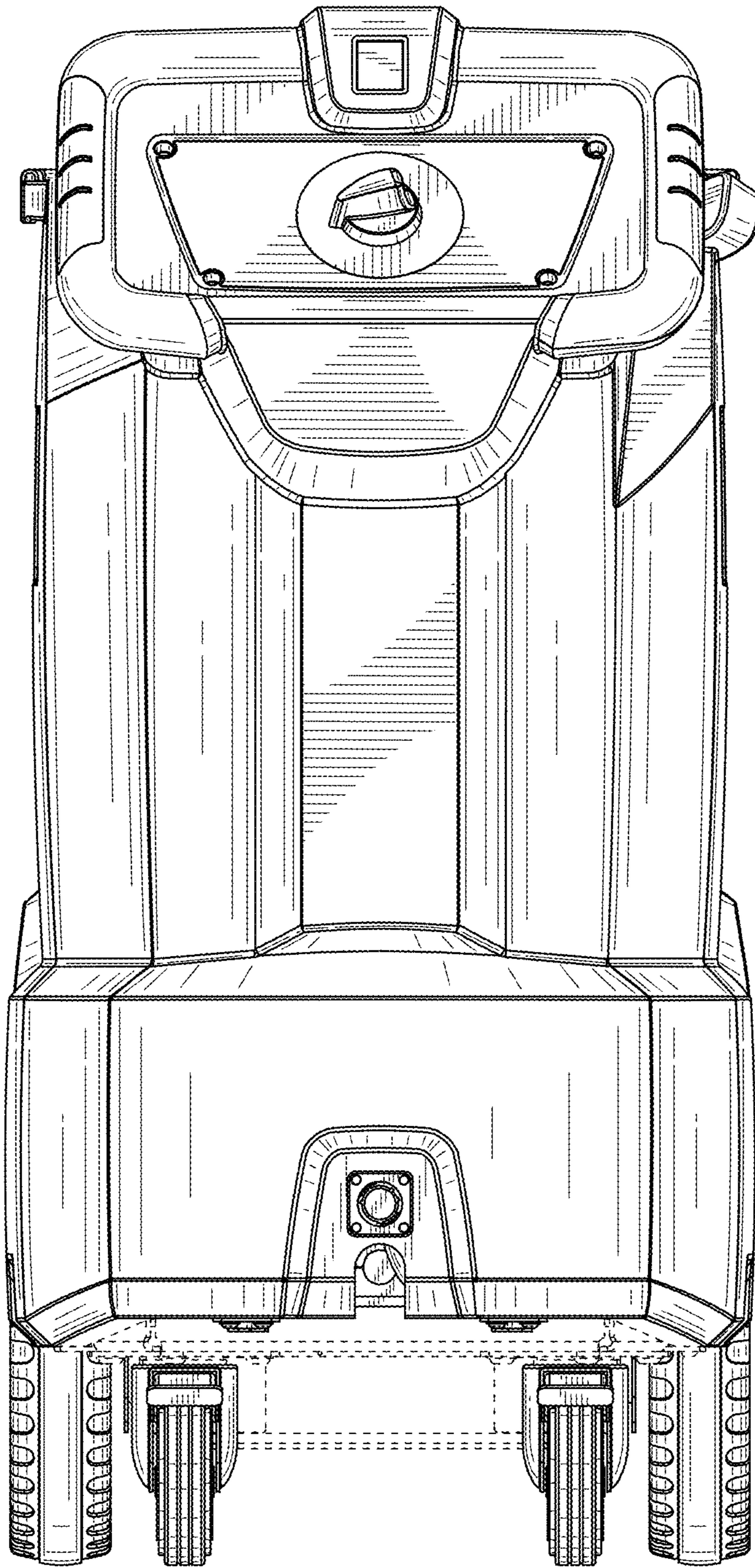


FIG. 3

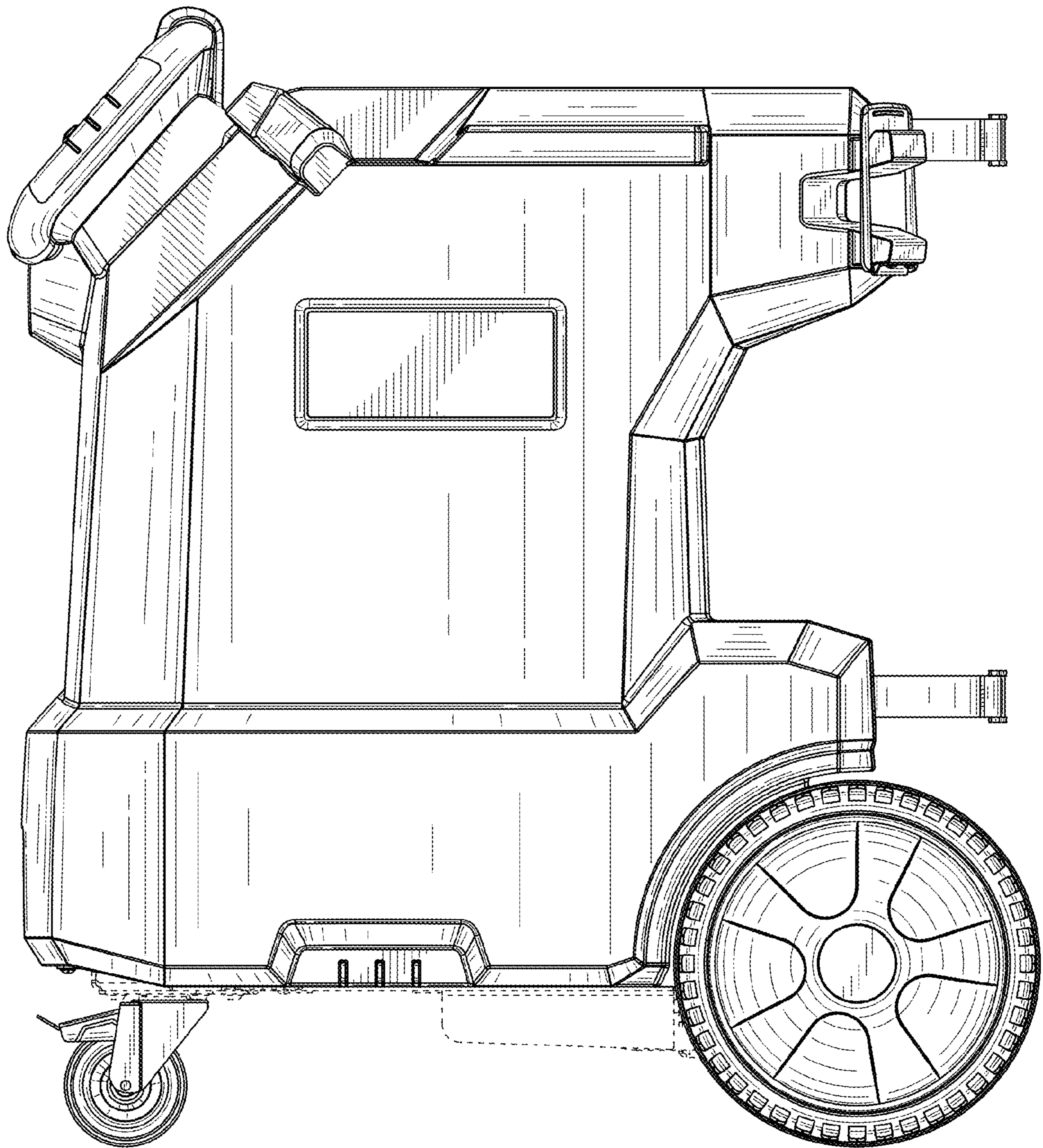


FIG.4

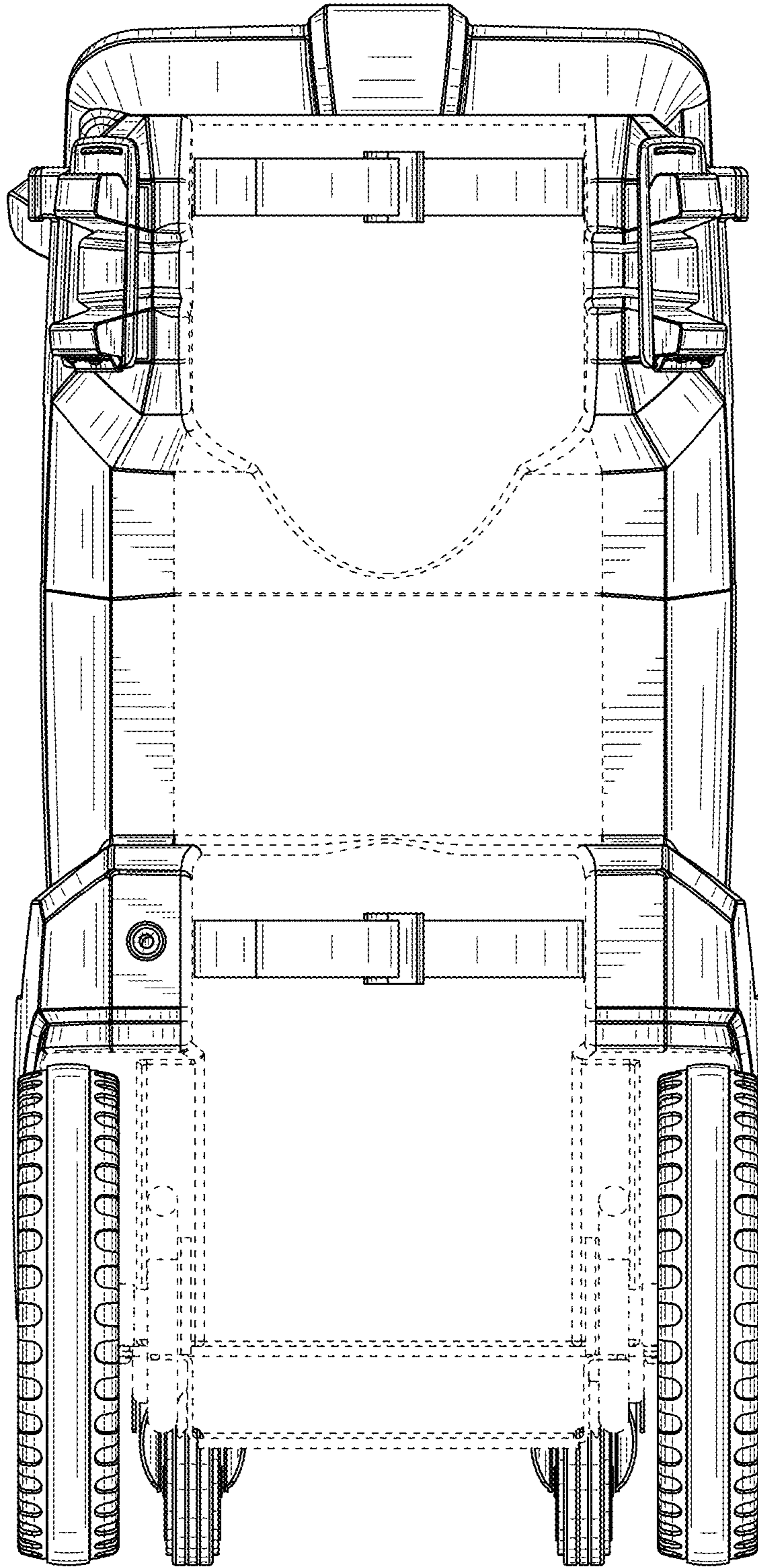


FIG.5

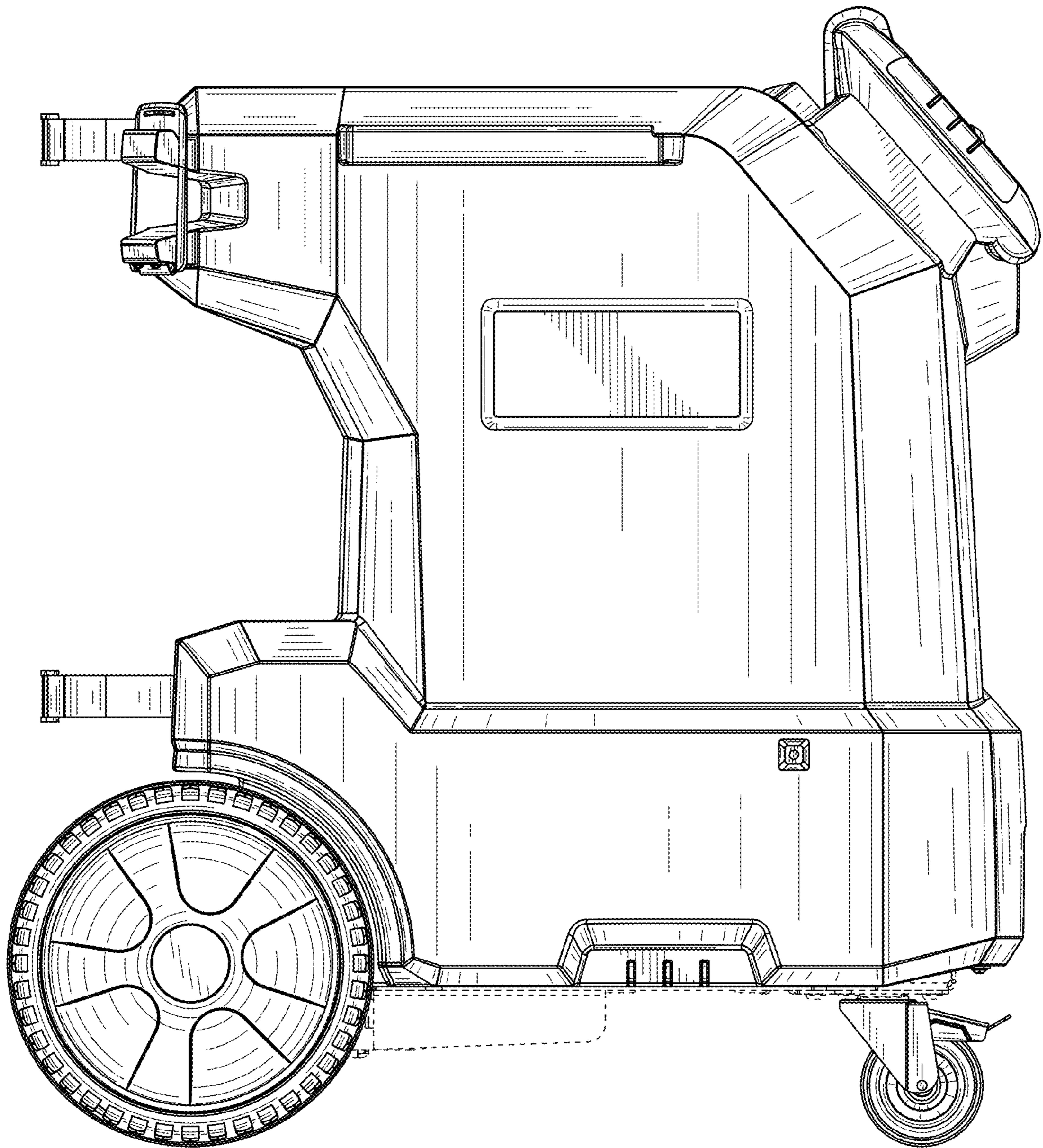


FIG.6

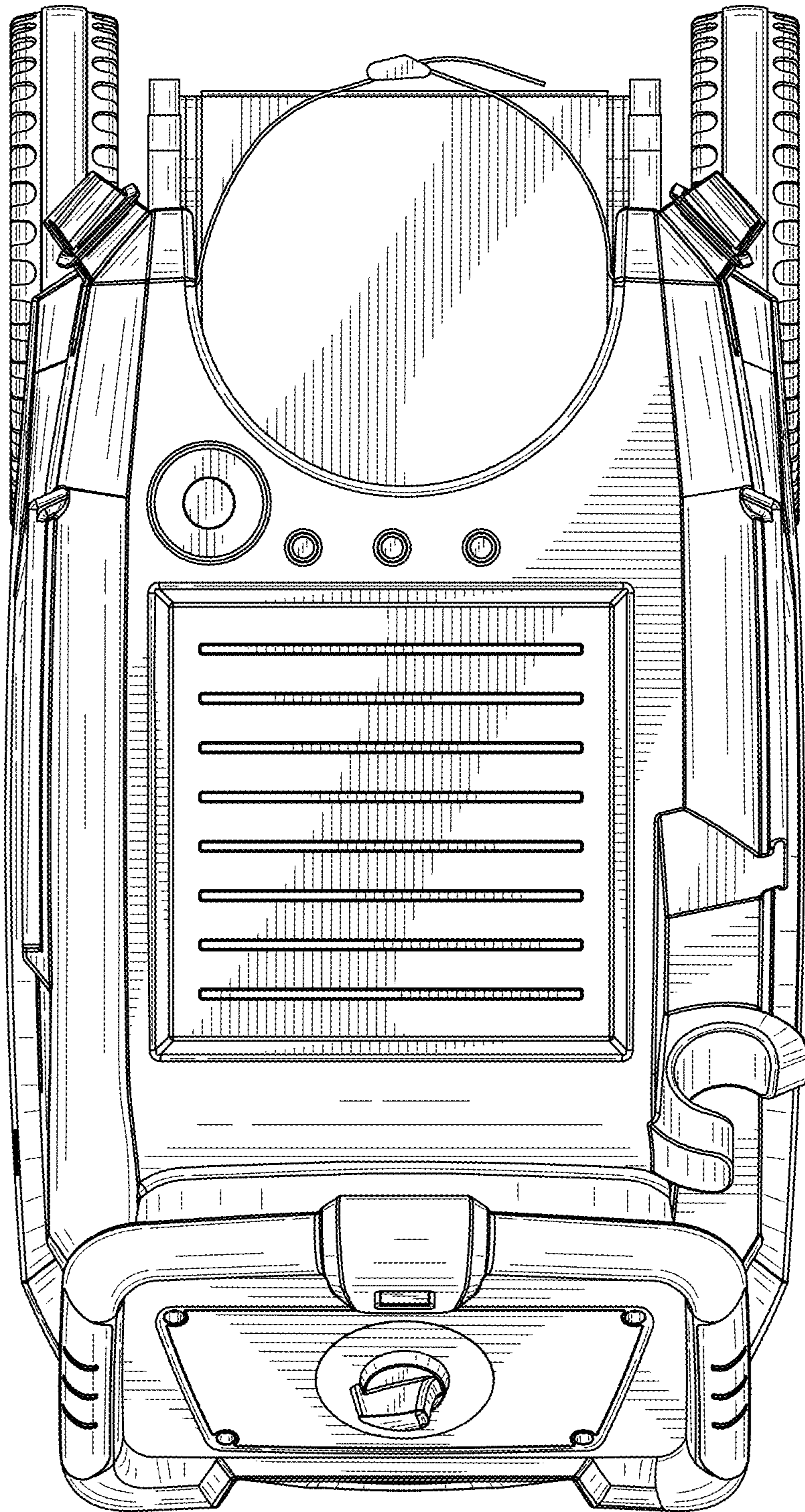


FIG.7