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(12) **United States Design Patent** (10) **Patent No.:** **US D904,705 S**
Thatcher (45) **Date of Patent:** **** Dec. 8, 2020**

(54) **MOPPING MACHINE**
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(72) Inventor: **David K. Thatcher**, Logan, UT (US)
(**) Term: **15 Years**
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(51) **LOC (12) Cl.** **15-05**
(52) **U.S. Cl.**
USPC **D32/15**
(58) **Field of Classification Search**
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15/412, 339, 327.1-327.7
CPC A47L 7/0004; A47L 11/4036; A47L
11/4041; A47L 7/0023; A47L 7/009;
A47L 11/30
See application file for complete search history.

2006/0185113 A1* 8/2006 Kloeppeel A47L 11/4083
15/320
2008/0104792 A1* 5/2008 Coccapani A47L 11/4044
15/320
2011/0030163 A1* 2/2011 Tucker A47L 11/305
15/320
2011/0132402 A1* 6/2011 Ickes, III B62D 1/105
134/18
2012/0137464 A1 6/2012 Thatcher et al. 15/320
2012/0317746 A1* 12/2012 Hill A47L 11/4036
15/320
2013/0047353 A1* 2/2013 Windmeisser A47L 11/4041
15/3
2014/0026336 A1* 1/2014 Maurer A47L 11/4091
15/3
2014/0144467 A1* 5/2014 Merz A47L 11/302
134/6
2016/0073845 A1* 3/2016 Walz A47L 11/305
134/18
2016/0278598 A1* 9/2016 Werner A47L 11/4002

* cited by examiner

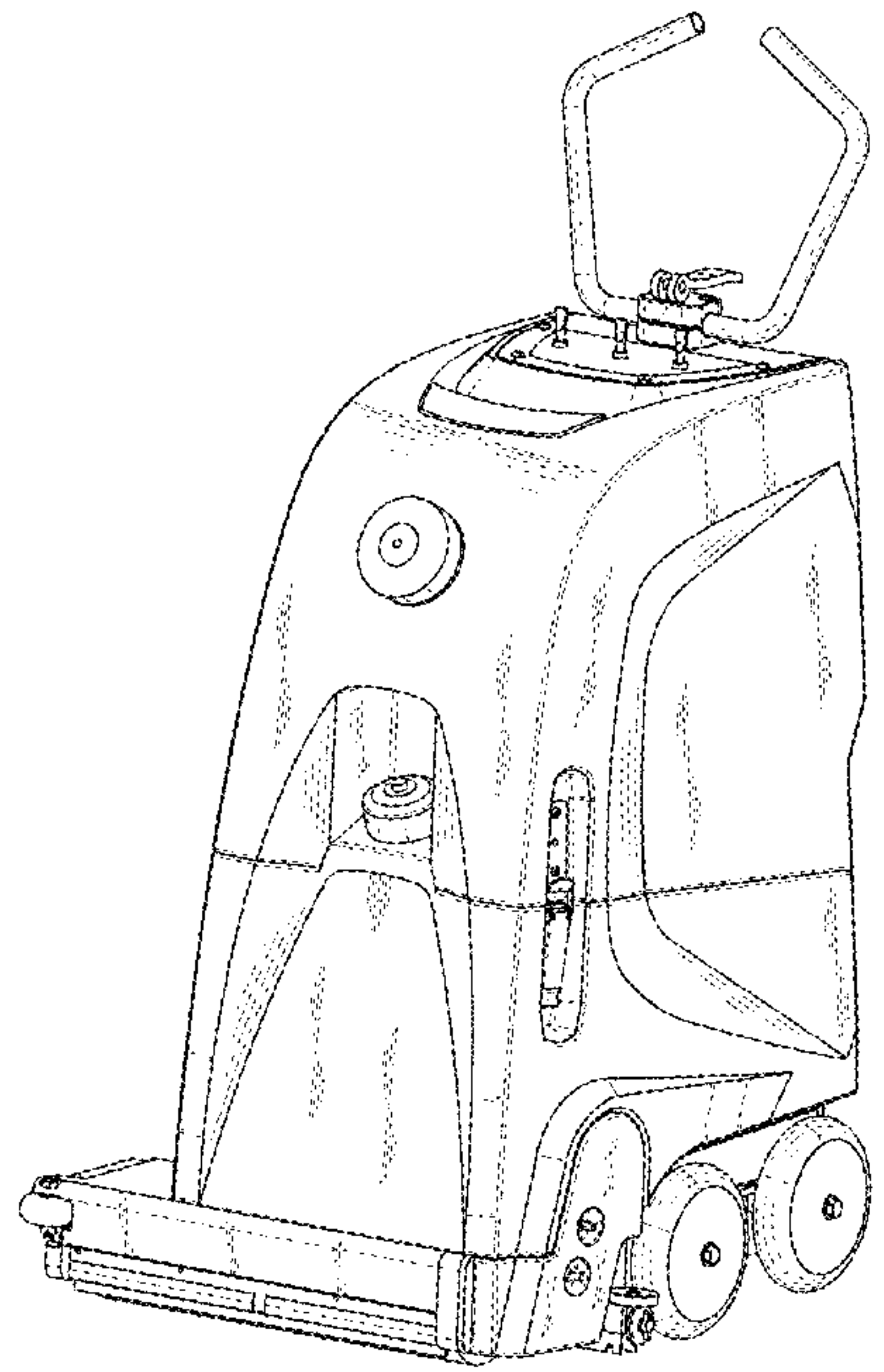
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(56) **References Cited**
U.S. PATENT DOCUMENTS
4,380,844 A * 4/1983 Waldhauser A47L 11/30
15/320
D290,054 S * 5/1987 Block D32/15
D593,717 S * 6/2009 Vernazza D32/16
D642,343 S * 7/2011 Dammkoehler D32/16
D659,308 S * 5/2012 Dammkoehler D32/16
D661,853 S * 6/2012 Dammkoehler D32/16
D693,071 S * 11/2013 Dammkoehler D32/16
D694,969 S * 12/2013 Dammkoehler D32/16
D712,605 S * 9/2014 Dammkoehler D32/21
D734,573 S * 7/2015 Dammkoehler D32/16
D737,005 S * 8/2015 Dammkoehler D32/16
2005/0081319 A1* 4/2005 Legatt F16K 5/10
15/320
2005/0091783 A1* 5/2005 Sepke A47L 11/4083
15/320

(57) **CLAIM**
The ornamental design for a mopping machine, as shown and described.

DESCRIPTION
FIG. 1 is a top, front and side trimetric view of the mopping machine showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a rear view thereof; and,
FIG. 6 is a top view thereof.

1 Claim, 6 Drawing Sheets



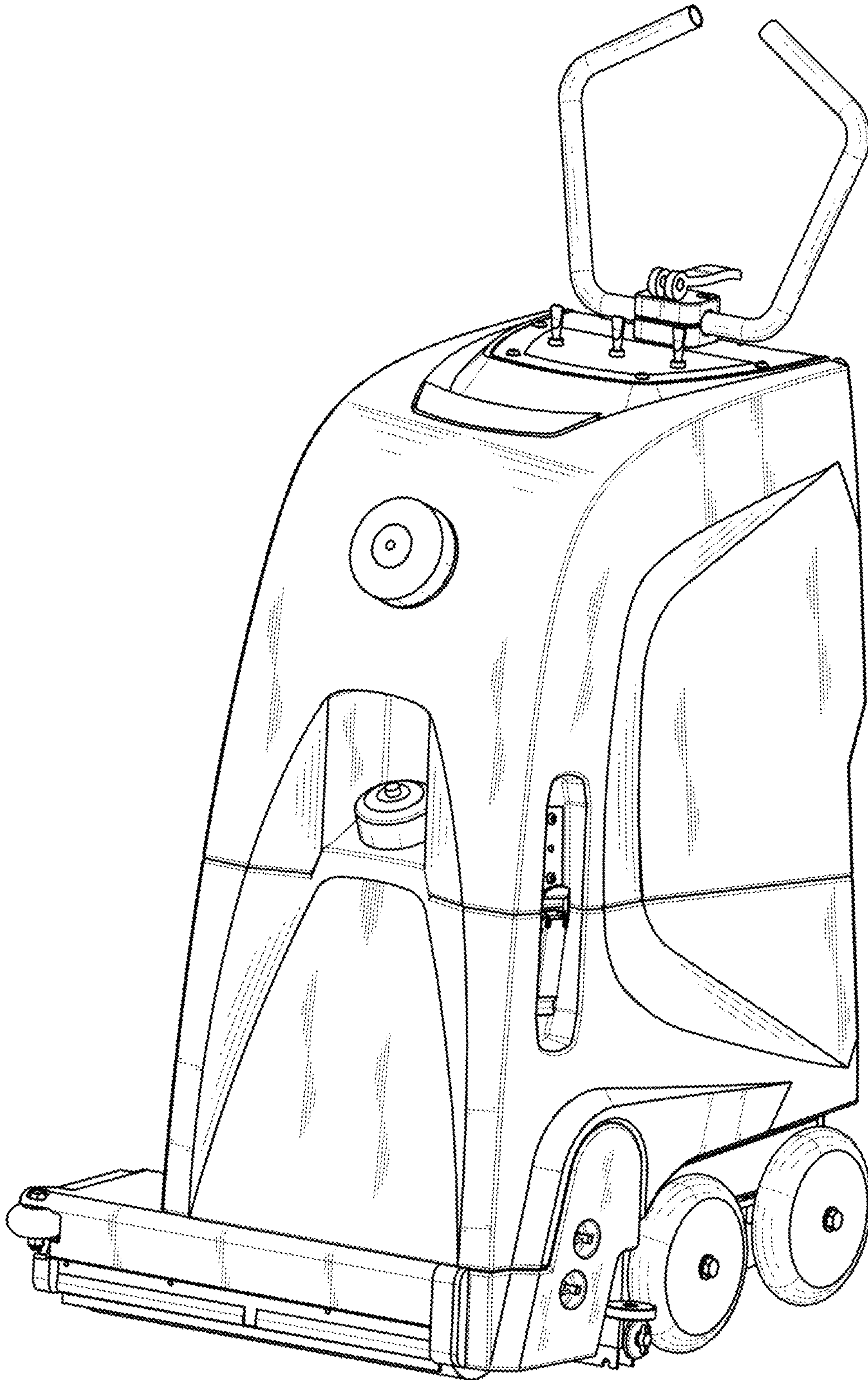


FIG. 1

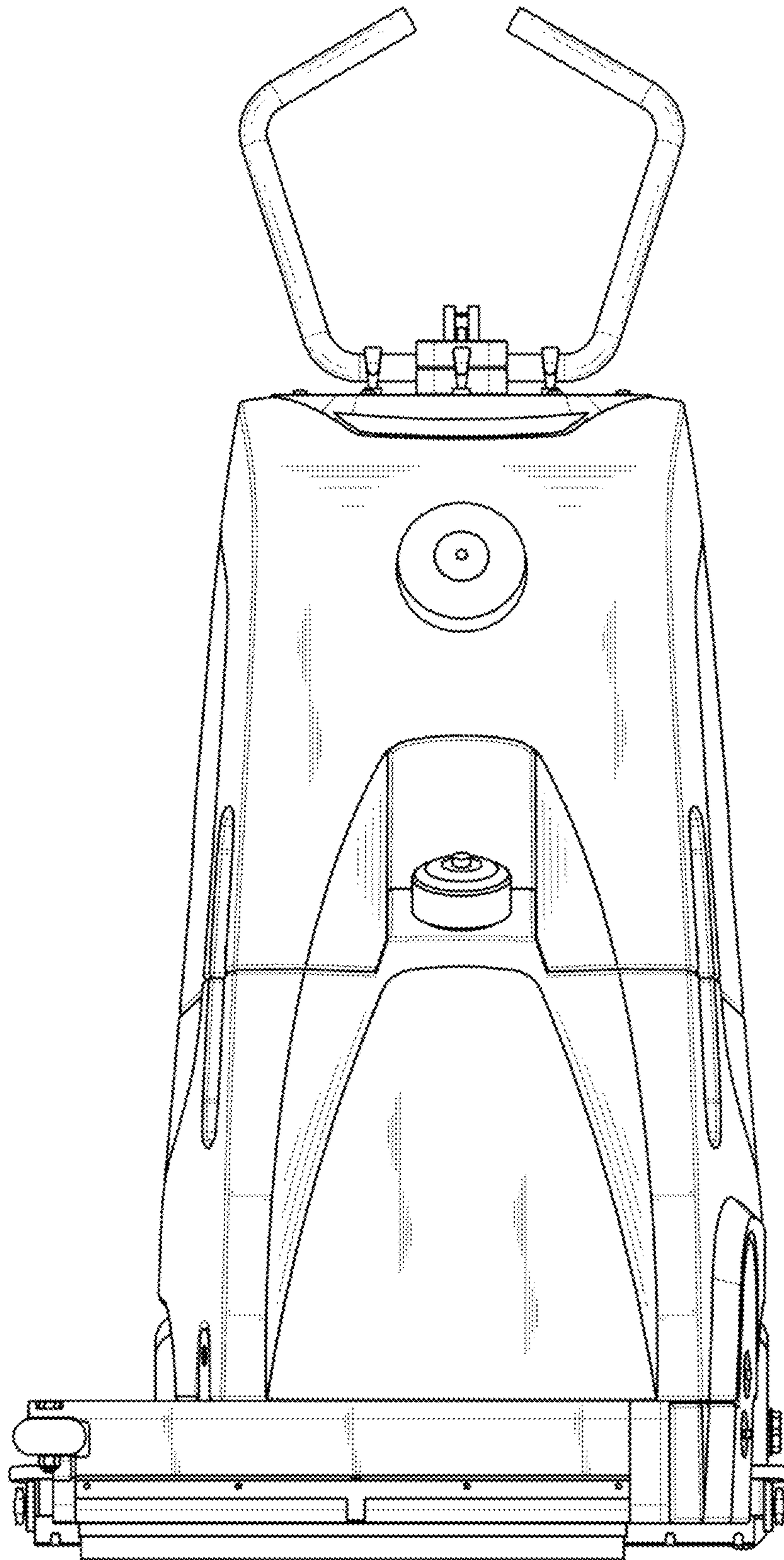


FIG. 2

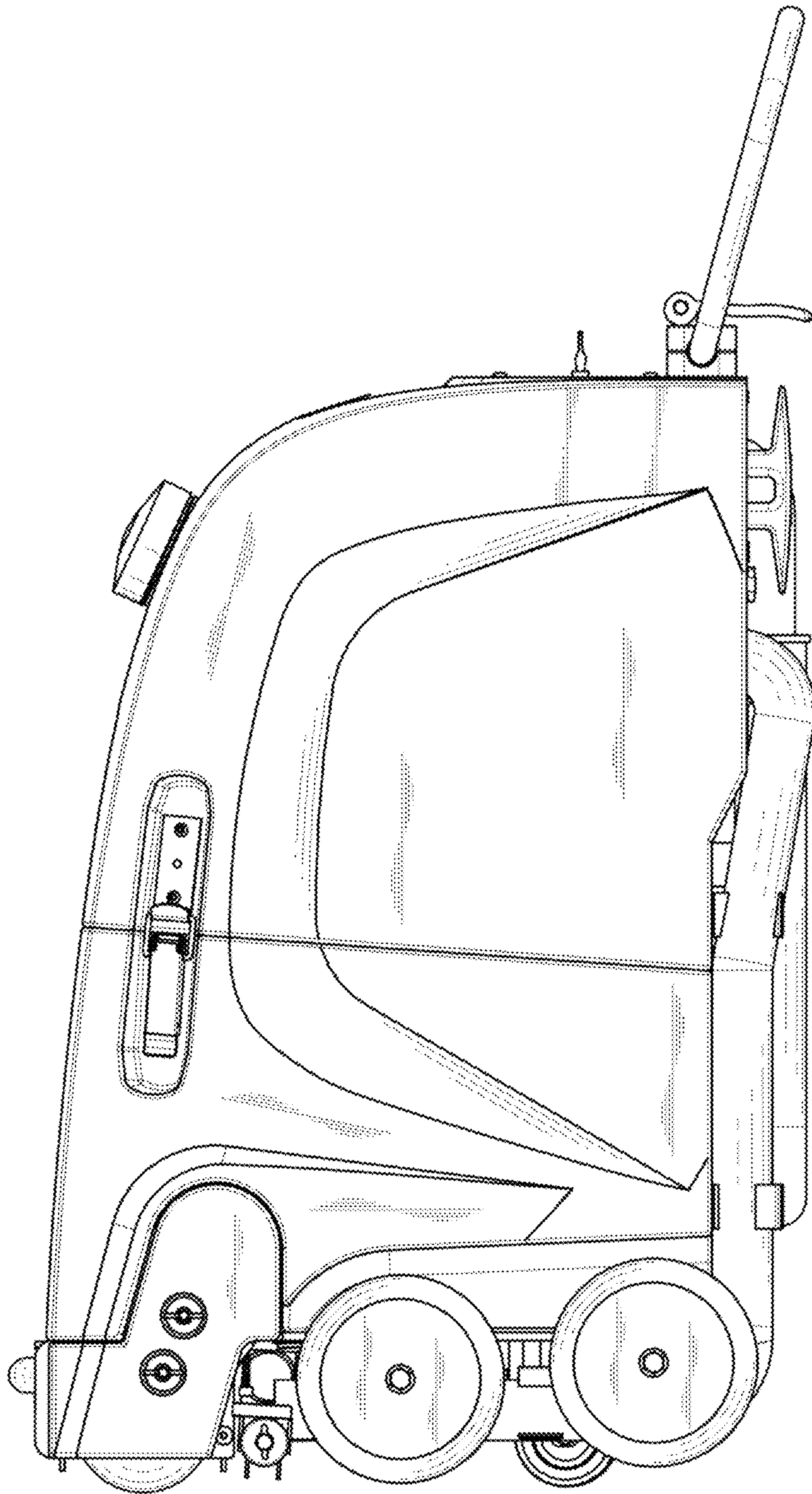


FIG. 3

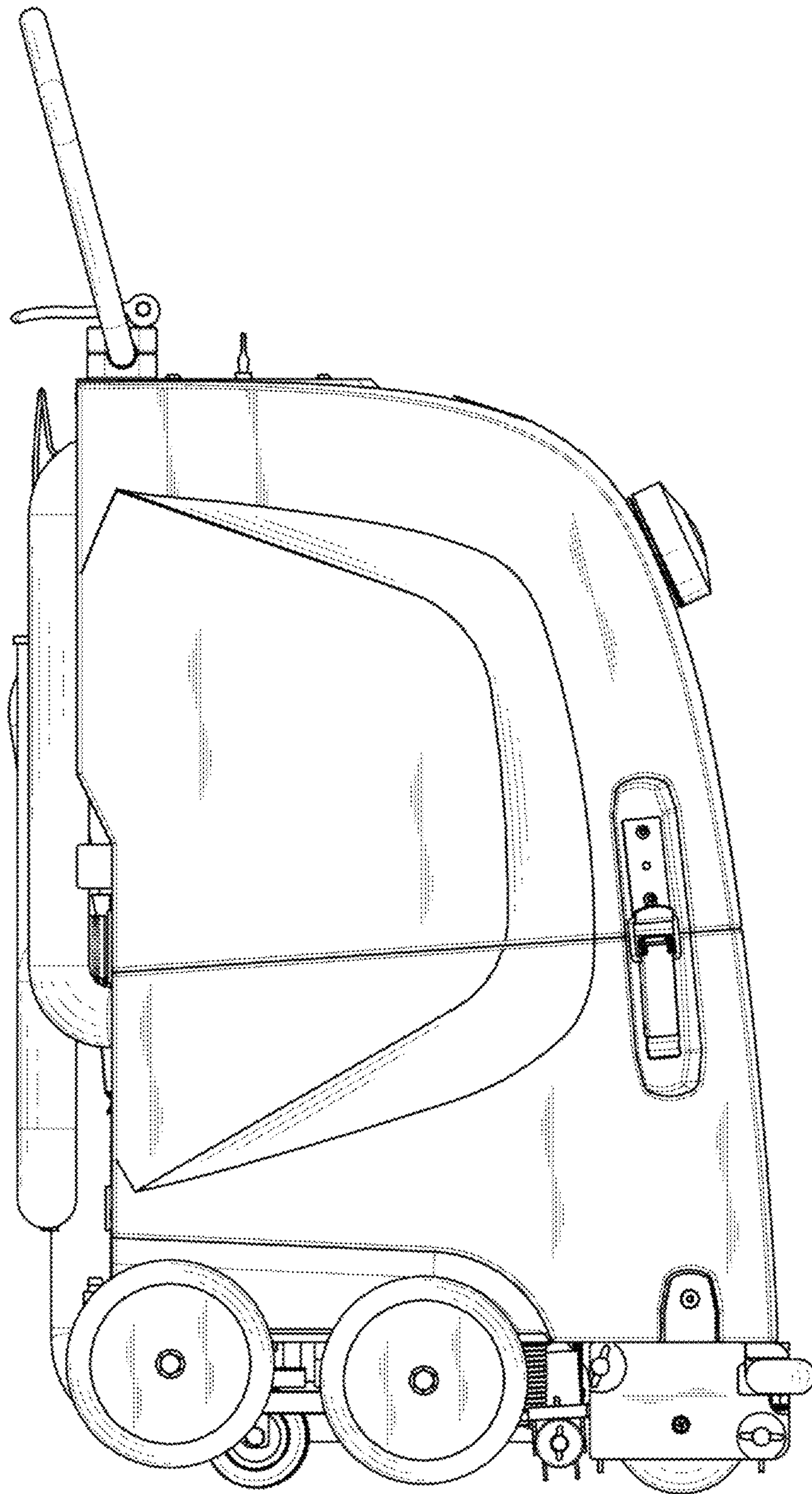


FIG. 4

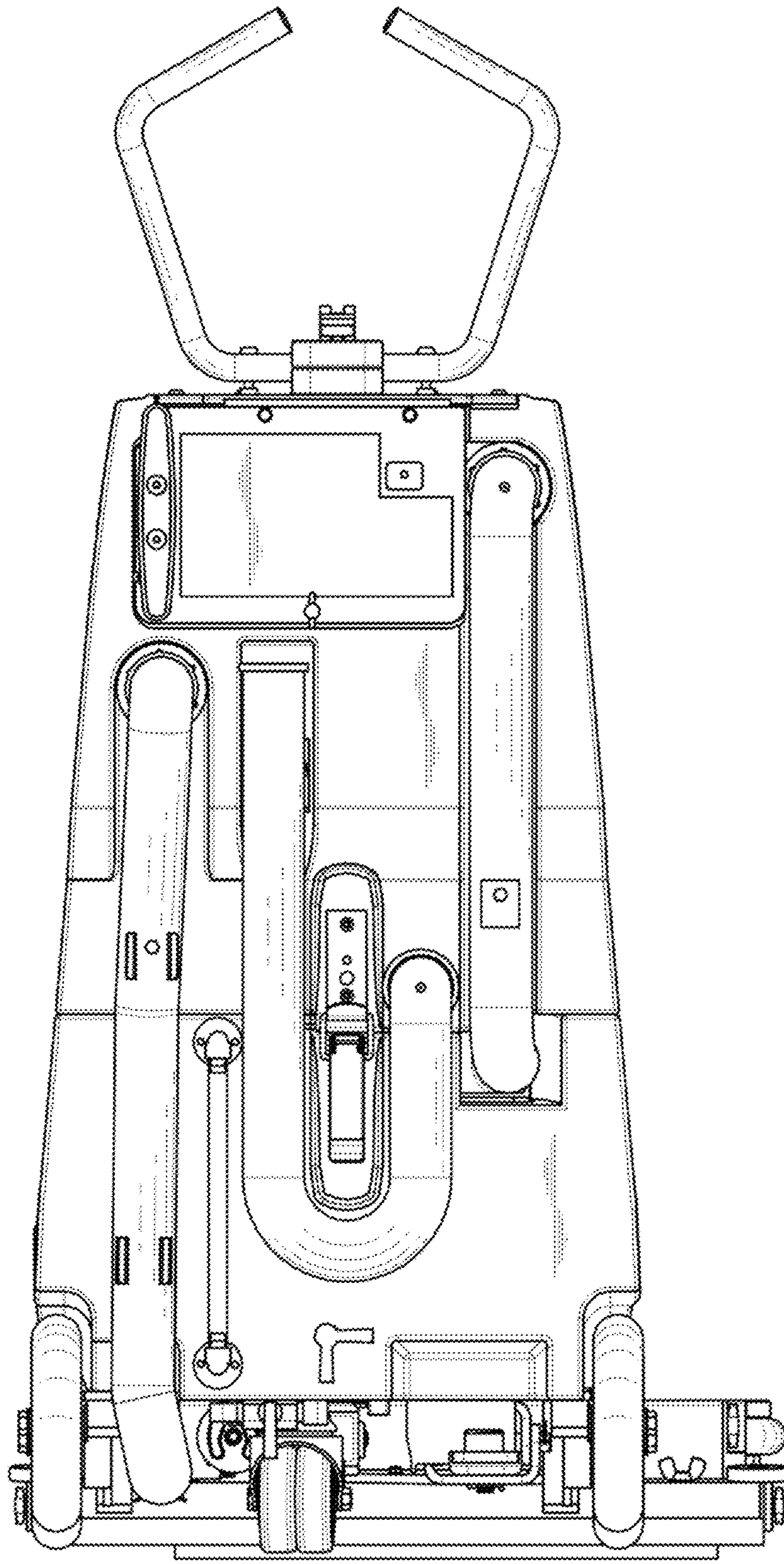


FIG. 5

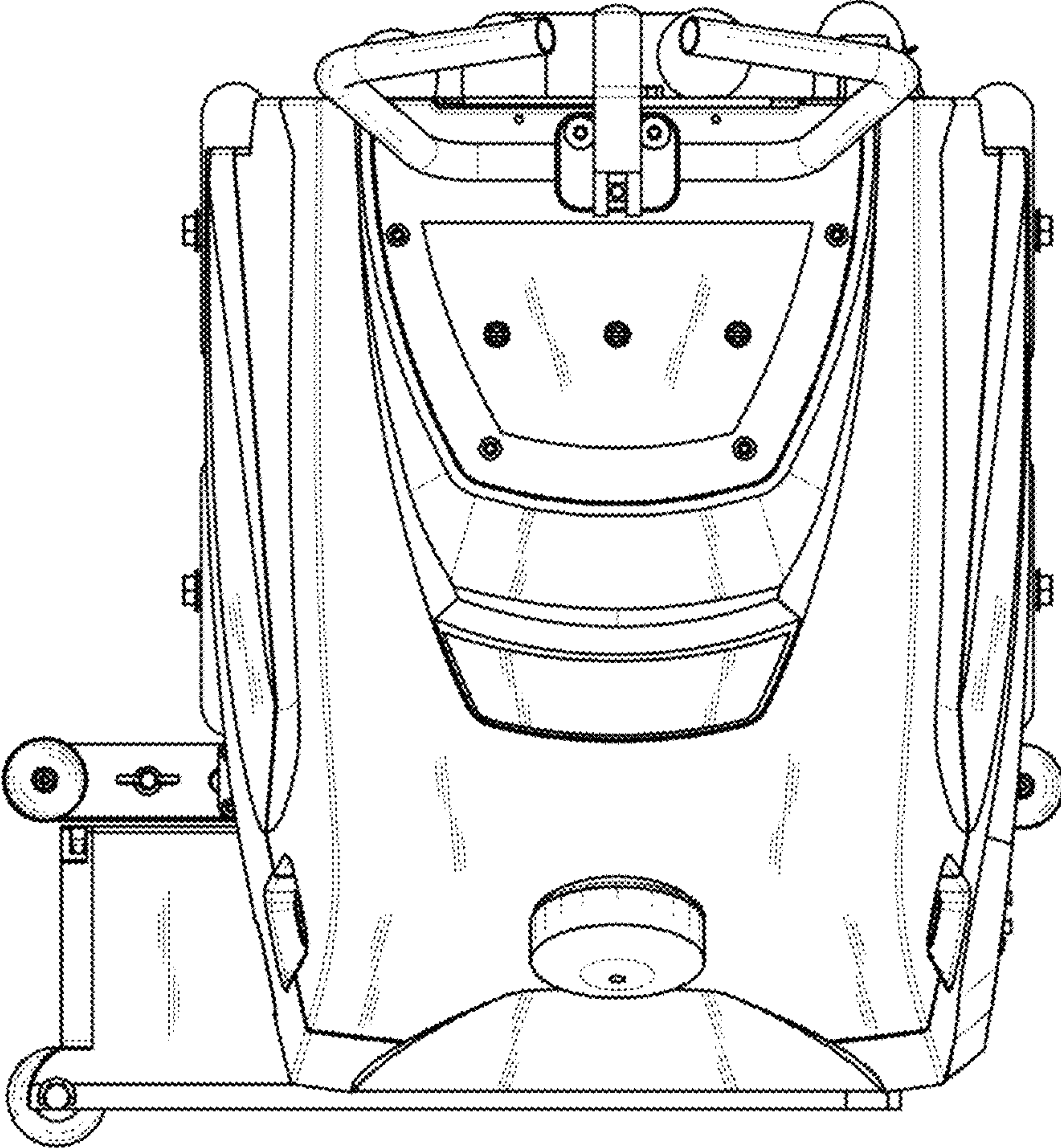


FIG. 6