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(12) **United States Design Patent** (10) **Patent No.:** **US D1,065,536 S**
Yanagihara (45) **Date of Patent:** **** Mar. 4, 2025**

(54) **ULTRASONIC DIAGNOSTIC APPARATUS**

(71) Applicant: **GE Precision Healthcare LLC**,
Milwaukee, WI (US)

(72) Inventor: **Koji Yanagihara**, Tokyo (JP)

(73) Assignee: **GE PRECISION HEALTHCARE LLC**, Milwaukee, WI (US)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (15) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/160**

(58) **Field of Classification Search**

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D15/199; D14/315, 318

CPC G01N 2223/1016; G01N 2223/301; G01N
2223/031; G01N 2223/419; G01N
23/046; A61B 5/055; A61B 6/4405; A61B
6/4411; A61B 6/4435; A61B 6/4441;
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8/4411; A61B 8/4427; A61B 8/462; A61B
8/0437; A61B 8/0883

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,625,731 A * 12/1986 Quedens A61B 8/462
600/443
D306,343 S * 2/1990 Ungar D24/160
D347,896 S * 6/1994 Dickinson D24/185

D354,353 S * 1/1995 Ishizuka D24/160
D365,148 S * 12/1995 Murakami D24/160
D367,534 S * 2/1996 DiPerna D24/111

(Continued)

FOREIGN PATENT DOCUMENTS

CN 303511001 * 12/2015

Primary Examiner — T Chase Nelson

Assistant Examiner — Kelly L Gross

(74) *Attorney, Agent, or Firm* — McCoy Russell LLP

(57) **CLAIM**

The ornamental design for an ultrasonic diagnostic apparatus as shown and described.

DESCRIPTION

FIG. 1 is a front view of an ultrasonic diagnostic apparatus according to the claimed design.

FIG. 2 is a rear view of the ultrasonic diagnostic apparatus. FIG. 3 is a right side view of the ultrasonic diagnostic apparatus.

FIG. 4 is a left side view of the ultrasonic diagnostic apparatus.

FIG. 5 is a top plan view of the ultrasonic diagnostic apparatus.

FIG. 6 is a bottom view of the ultrasonic diagnostic apparatus.

FIG. 7 is a first perspective view of the ultrasonic diagnostic apparatus.

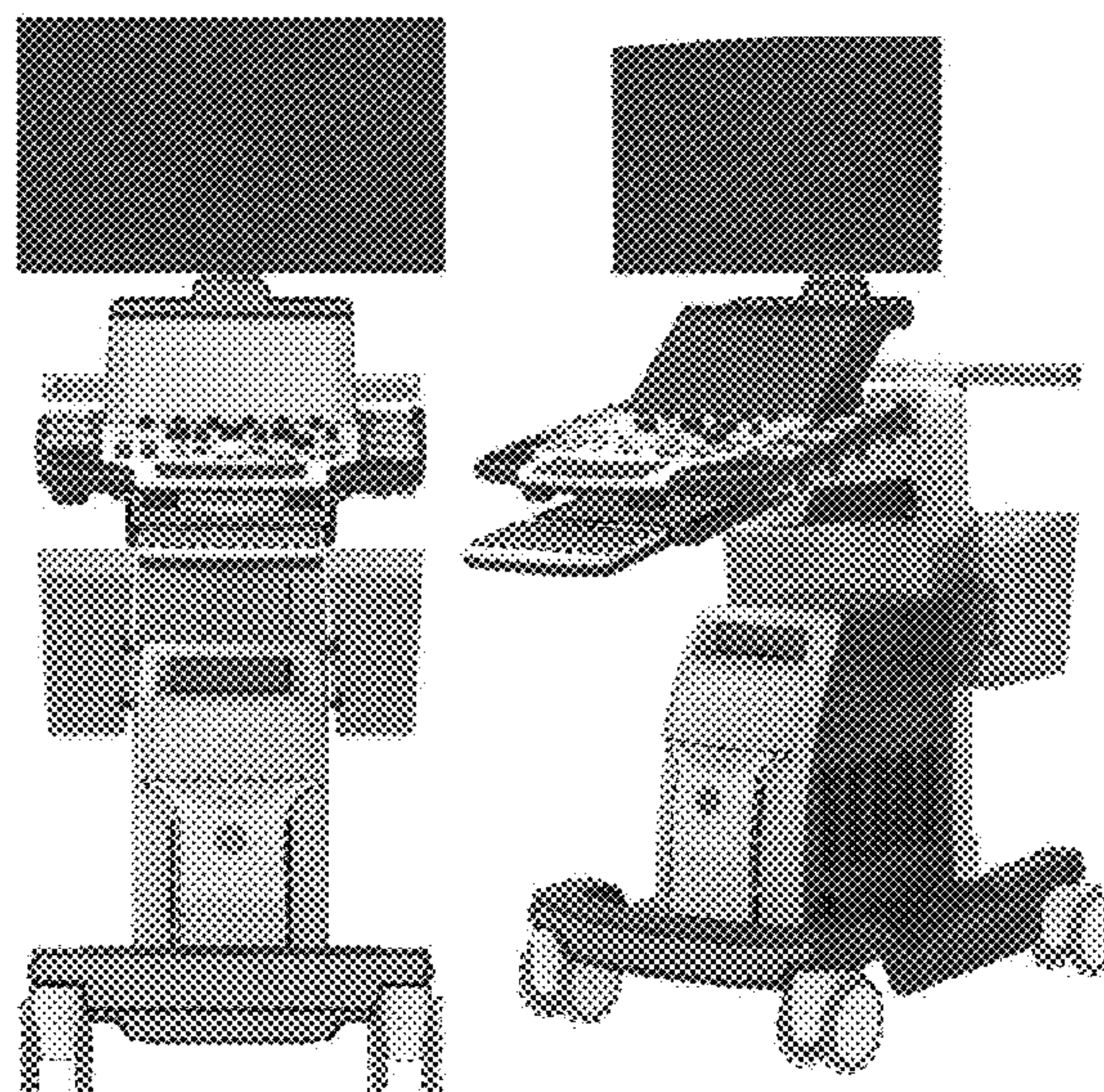
FIG. 8 is a second perspective view of the ultrasonic diagnostic apparatus; and,

FIG. 9 is a third perspective view of the ultrasonic diagnostic apparatus, with operator keyboard shown in a stowed configuration.

Any shading or shadowing shown in the drawings is included for clarification as to the shape of the surfaces of the ultrasonic diagnostic apparatus.

The grey masking with broken line boundaries in the drawings illustrate portions of the ultrasonic diagnostic apparatus that form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D379,231 S * 5/1997 Ungari D24/160
D387,168 S * 12/1997 Edelman D24/186
D389,917 S * 1/1998 Hornback D24/185
D398,059 S * 9/1998 Kwak D24/160
5,941,824 A * 8/1999 Hwang A61B 8/00
600/437
D438,952 S * 3/2001 Cimino D24/185
6,579,237 B1 * 6/2003 Knoblich A61B 8/08
600/437
6,629,927 B1 * 10/2003 Mesaros A61B 50/13
600/437
6,648,825 B1 * 11/2003 Mesaros A61B 8/467
600/437
6,669,639 B1 * 12/2003 Miller A61B 8/00
600/443
D512,508 S * 12/2005 Mesaros D24/185
D603,048 S * 10/2009 Fleck D24/185
D634,016 S * 3/2011 Schon D24/186
D652,520 S * 1/2012 Sabaris Vilas D24/185
D652,521 S * 1/2012 Ross D24/185
D652,936 S * 1/2012 Ross D24/185
D657,469 S * 4/2012 Vilas D24/185
D658,766 S * 5/2012 Otoha D24/185
D681,830 S * 5/2013 Chung D24/186
D687,151 S * 7/2013 Yokoyama D24/160
D696,783 S * 12/2013 Chung D24/185
D702,842 S * 4/2014 Hyde D24/185
D707,359 S * 6/2014 Kim D24/185
D707,360 S * 6/2014 Kim D24/185
D708,331 S * 7/2014 Kim D24/185
D708,332 S * 7/2014 Kim D24/185
D708,333 S * 7/2014 Kim D24/185
D711,539 S * 8/2014 Hunt D24/158
D715,440 S * 10/2014 Kim D24/185
D716,447 S * 10/2014 Kim D24/185
D716,448 S * 10/2014 Kim D24/185
D716,949 S * 11/2014 Baba D24/160
D724,736 S * 3/2015 Kim D24/185
D726,923 S * 4/2015 Baba D24/158
D727,504 S * 4/2015 Ninomiya D24/158
D728,791 S * 5/2015 Ninomiya D24/158
D735,342 S * 7/2015 Asad D24/185
D739,947 S * 9/2015 Maier D24/186
D743,558 S * 11/2015 Kim D24/186
D750,787 S * 3/2016 Asad D24/185
D825,763 S * 8/2018 Lim D24/160
D840,541 S * 2/2019 Yanagihara D24/160

D843,585 S * 3/2019 Wu D24/186
D855,190 S * 7/2019 Wu D24/185
D868,970 S * 12/2019 Kwak D24/158
D869,661 S * 12/2019 Hong D24/186
D870,895 S * 12/2019 Asad D24/186
D872,863 S * 1/2020 Henderson D24/160
D875,253 S * 2/2020 Moon D24/160
D877,342 S * 3/2020 Canady D24/185
D882,798 S * 4/2020 Hong D24/186
D884,191 S * 5/2020 Köppel D24/185
D884,900 S * 5/2020 Shin D24/158
D905,248 S * 12/2020 Williamson D24/185
D917,701 S * 4/2021 Chai D24/186
D924,410 S * 7/2021 Mendoza D24/185
D932,629 S * 10/2021 Ruff D24/185
D932,630 S * 10/2021 Ruff D24/185
D932,631 S * 10/2021 Ruff D24/185
D936,842 S * 11/2021 Wu D24/186
D938,045 S * 12/2021 Gupta D24/185
D938,046 S * 12/2021 Gupta D24/185
D963,172 S * 9/2022 Gupta D24/185
D965,793 S * 10/2022 Gupta D24/185
D977,113 S * 1/2023 Kim D24/186
D977,114 S * 1/2023 Kim D24/186
D981,569 S * 3/2023 Burgess D24/185
D983,977 S * 4/2023 Asad D24/186
D989,325 S * 6/2023 Personnelli D24/185
D993,420 S * 7/2023 Behrendt D24/185
D994,890 S * 8/2023 Mendoza D24/185
11,737,727 B2 * 8/2023 Onodera A61B 8/56
248/129
2004/0068185 A1 * 4/2004 Marshall A61B 8/00
600/437
2007/0270694 A1 * 11/2007 Pelissier A61B 8/00
600/443
2008/0234577 A1 * 9/2008 Murkowski A61B 8/462
361/825
2009/0224611 A1 * 9/2009 Chen A61B 8/4427
307/126
2009/0247877 A1 * 10/2009 Tanaka G01S 15/899
600/462
2013/0021732 A1 * 1/2013 Nakajima A61B 8/54
361/679.01
2018/0161004 A1 * 6/2018 Son A61B 8/4411
2020/0237348 A1 * 7/2020 Kim A61B 90/60
2020/0261053 A1 * 8/2020 Park A61B 8/5292
2020/0261058 A1 * 8/2020 Shiraishi A61B 8/4433
2020/0330073 A1 * 10/2020 McLaughlin A61B 8/4405
2022/0054107 A1 * 2/2022 Onodera A61B 8/44

* cited by examiner

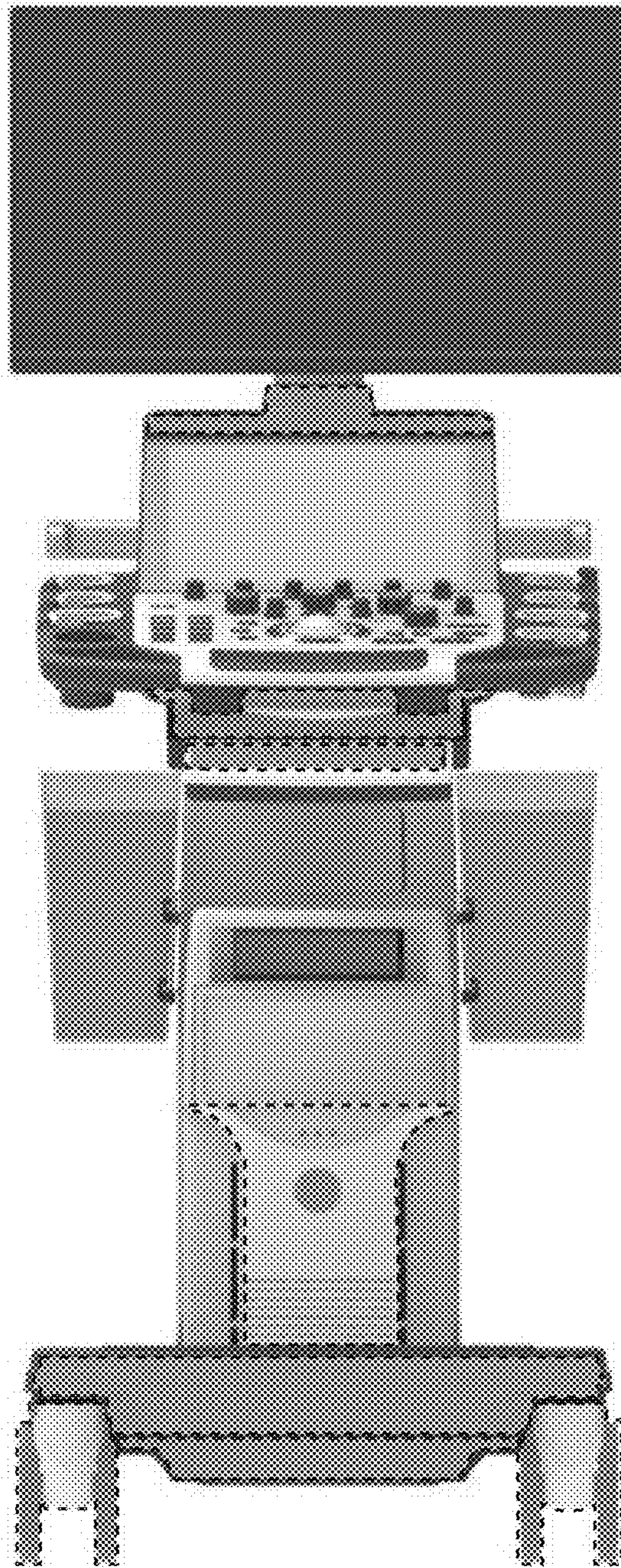


FIG. 1

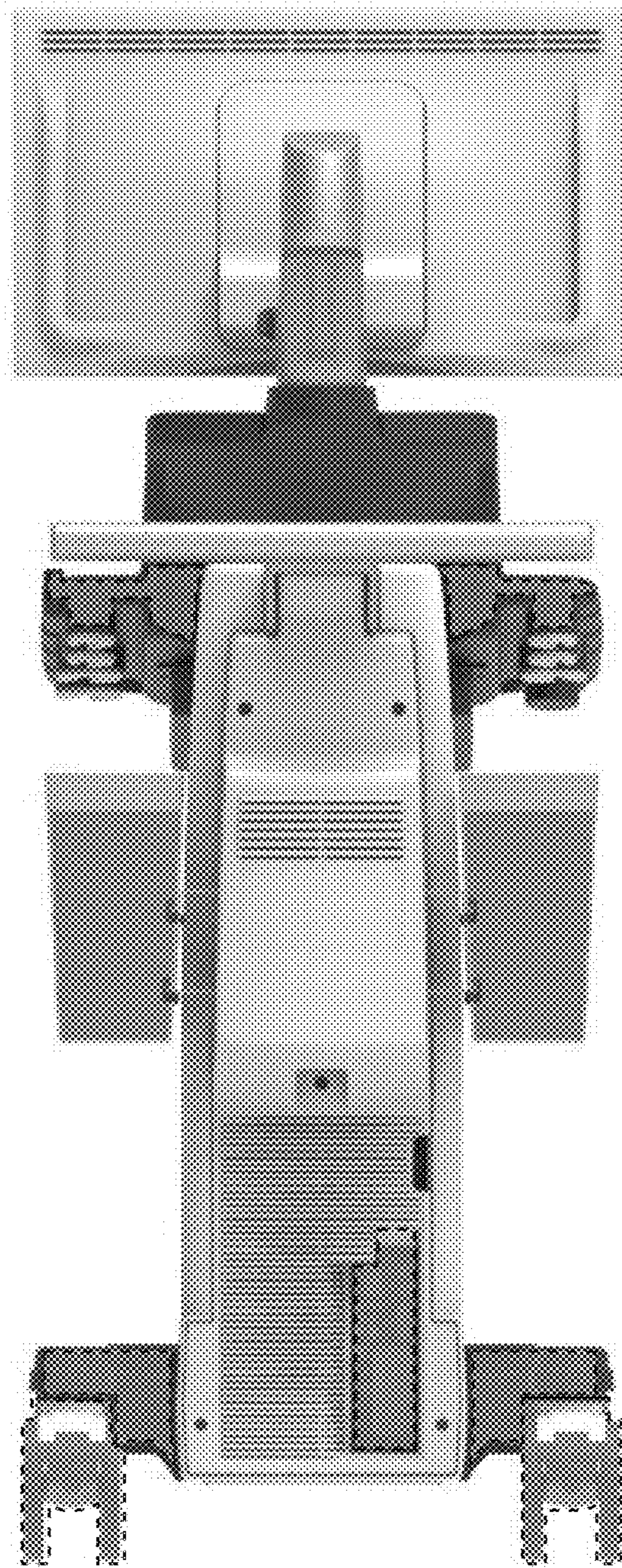


FIG. 2

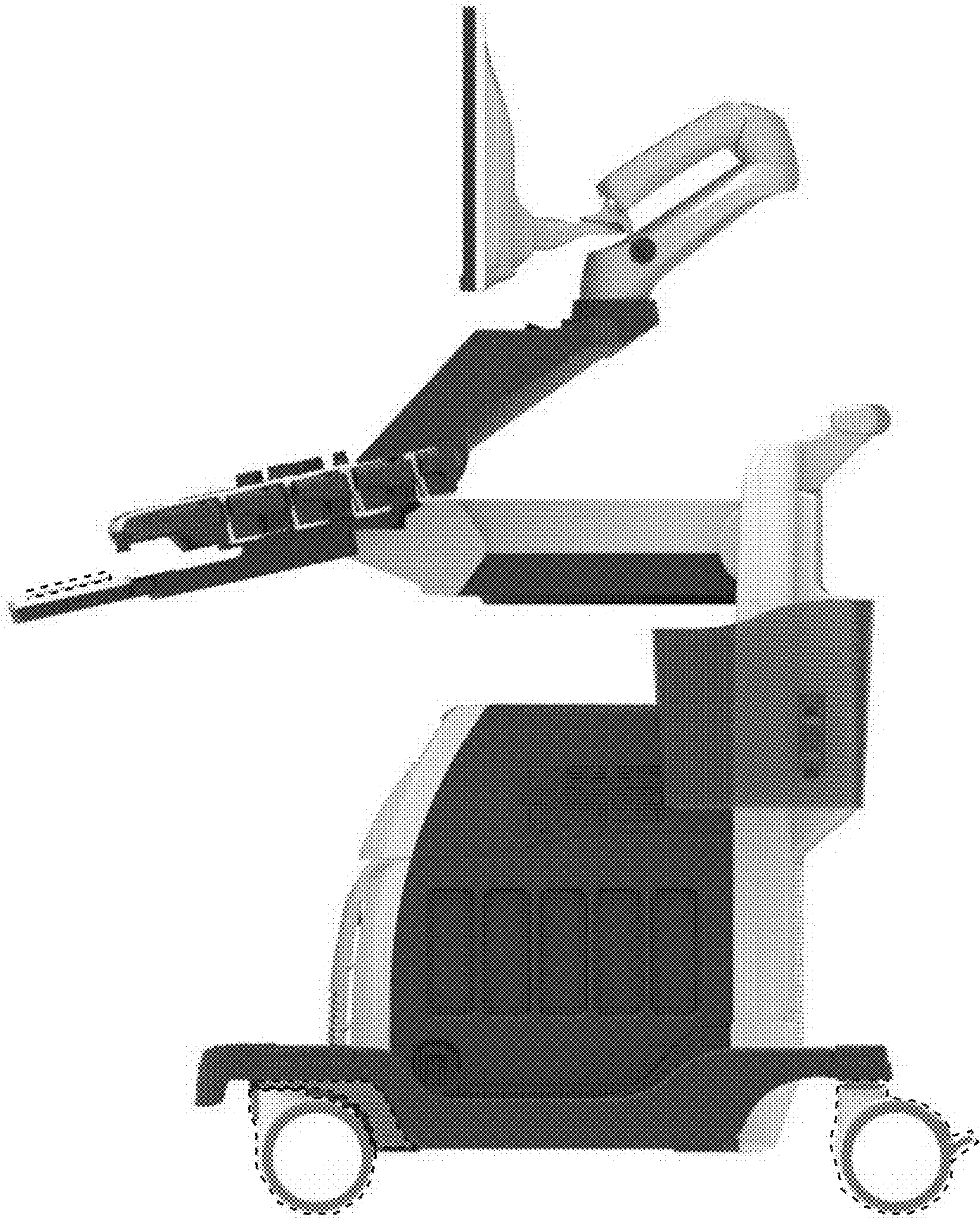


FIG. 3

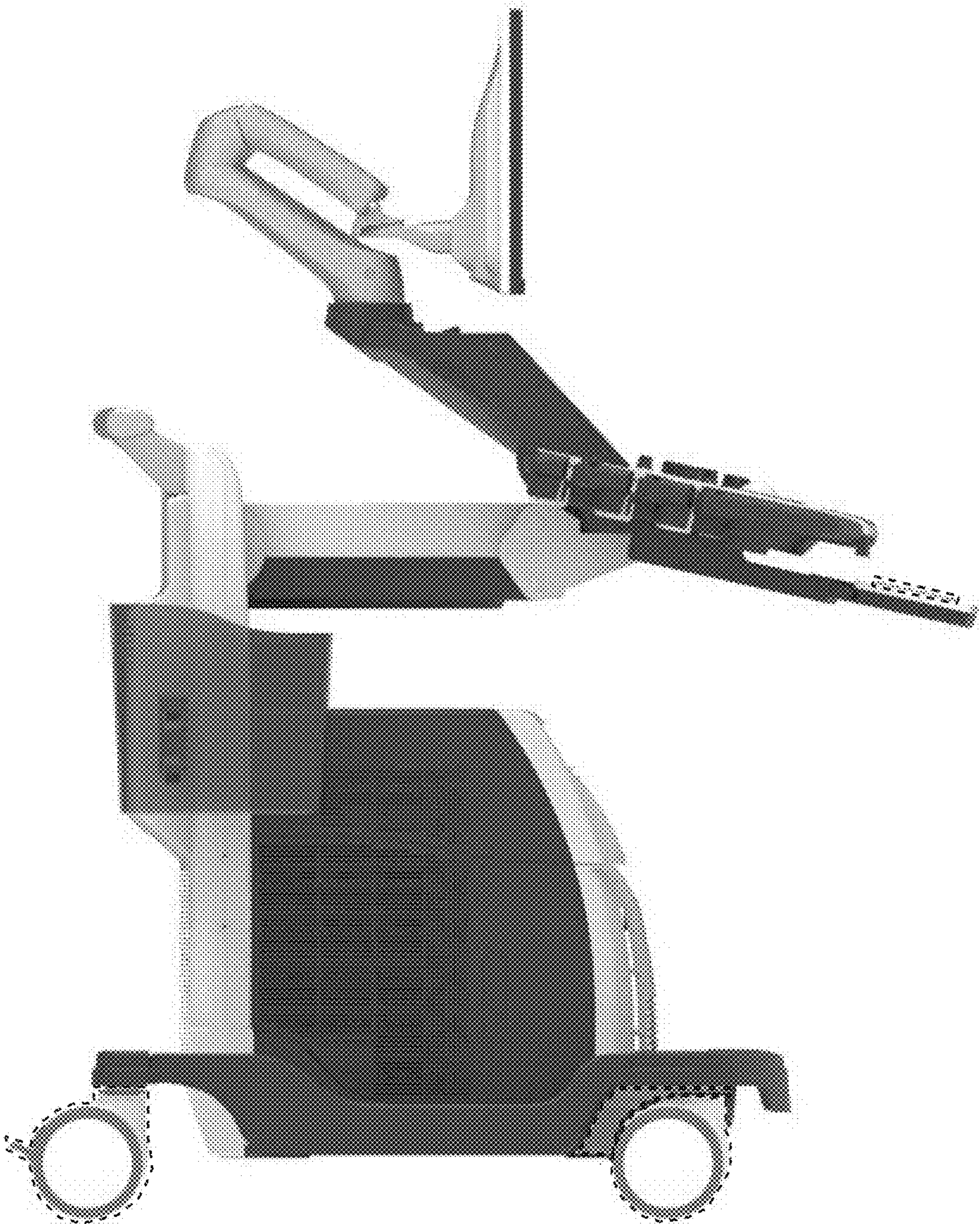


FIG. 4

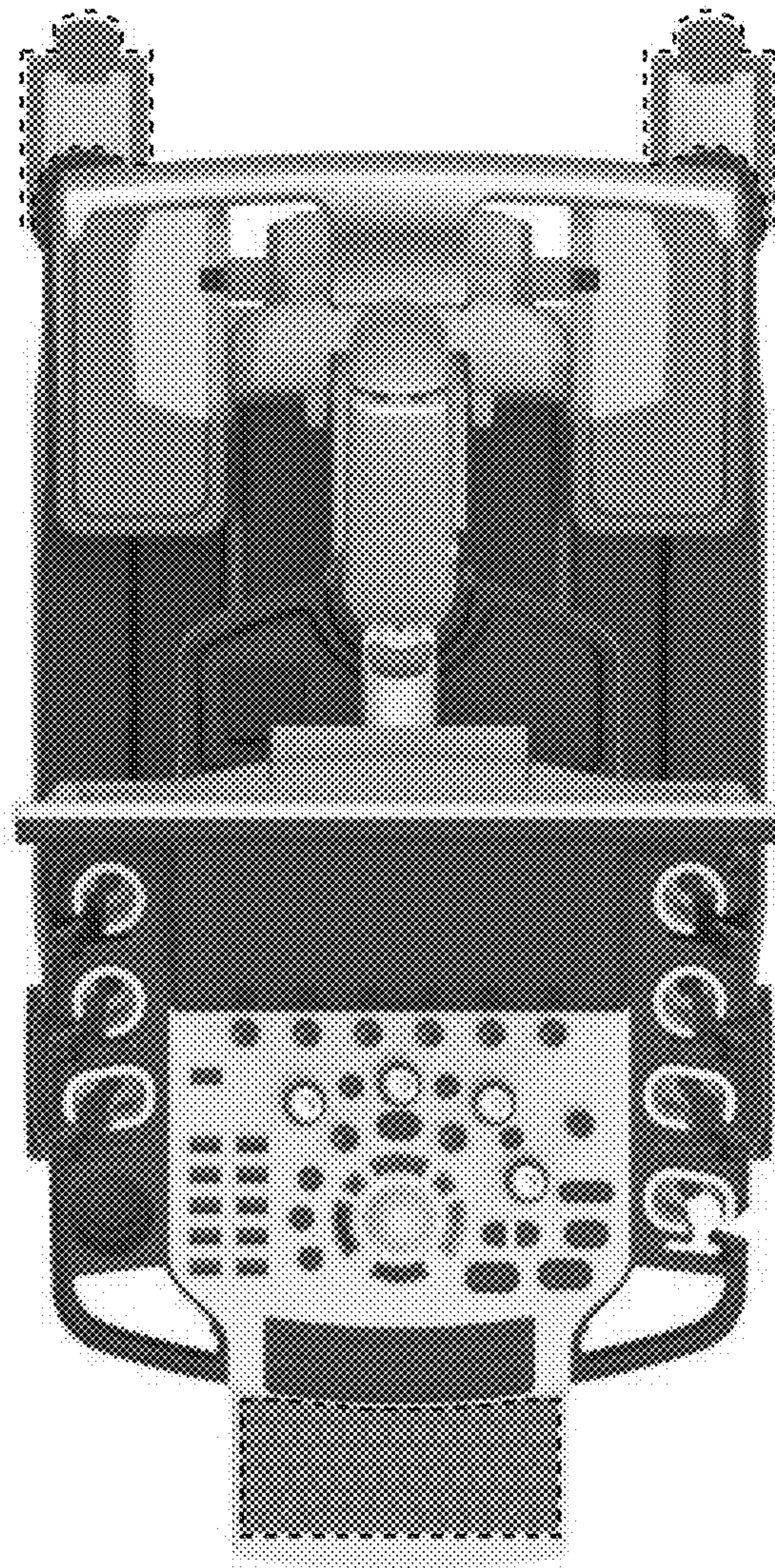


FIG. 5

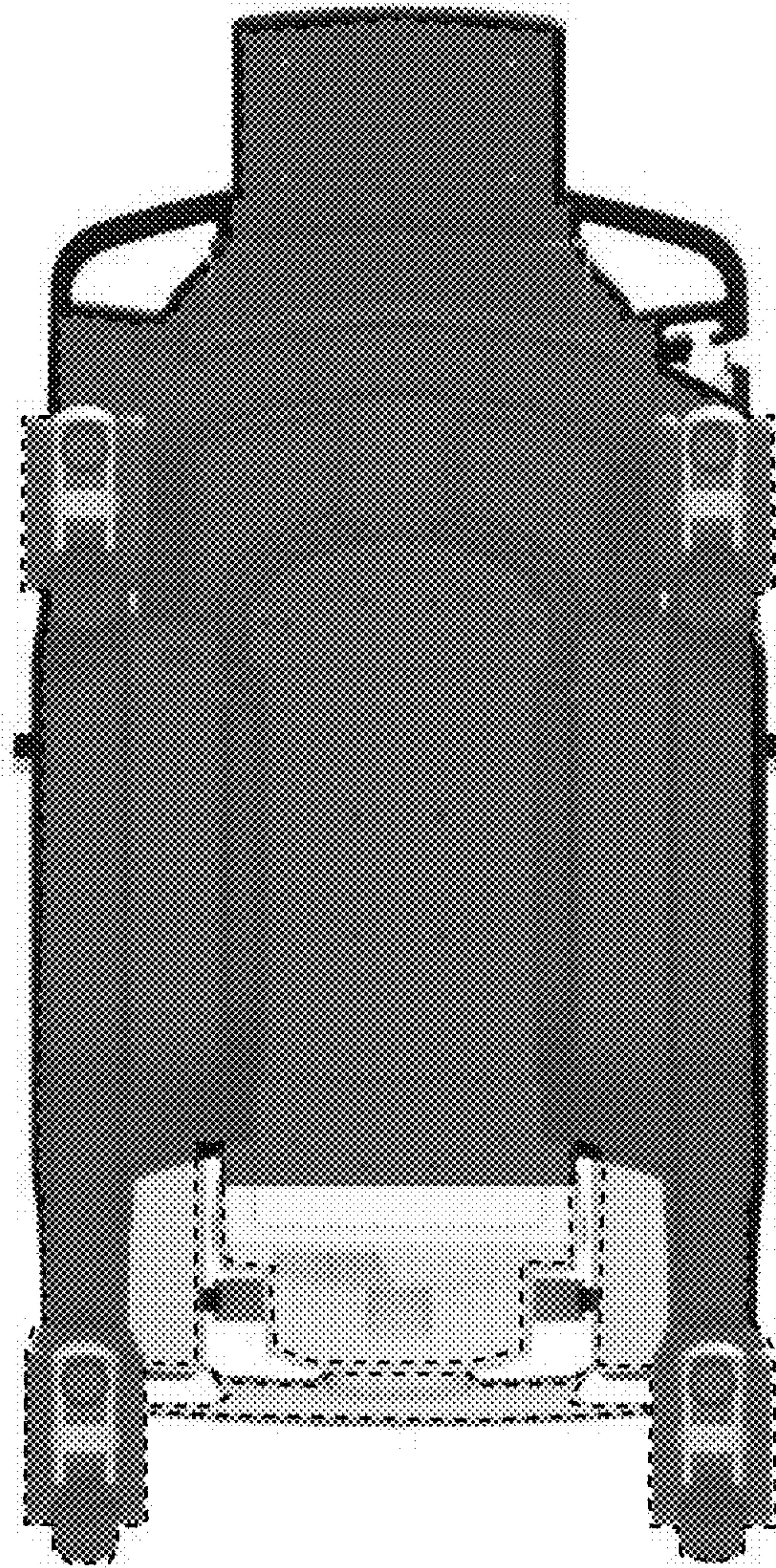


FIG. 6

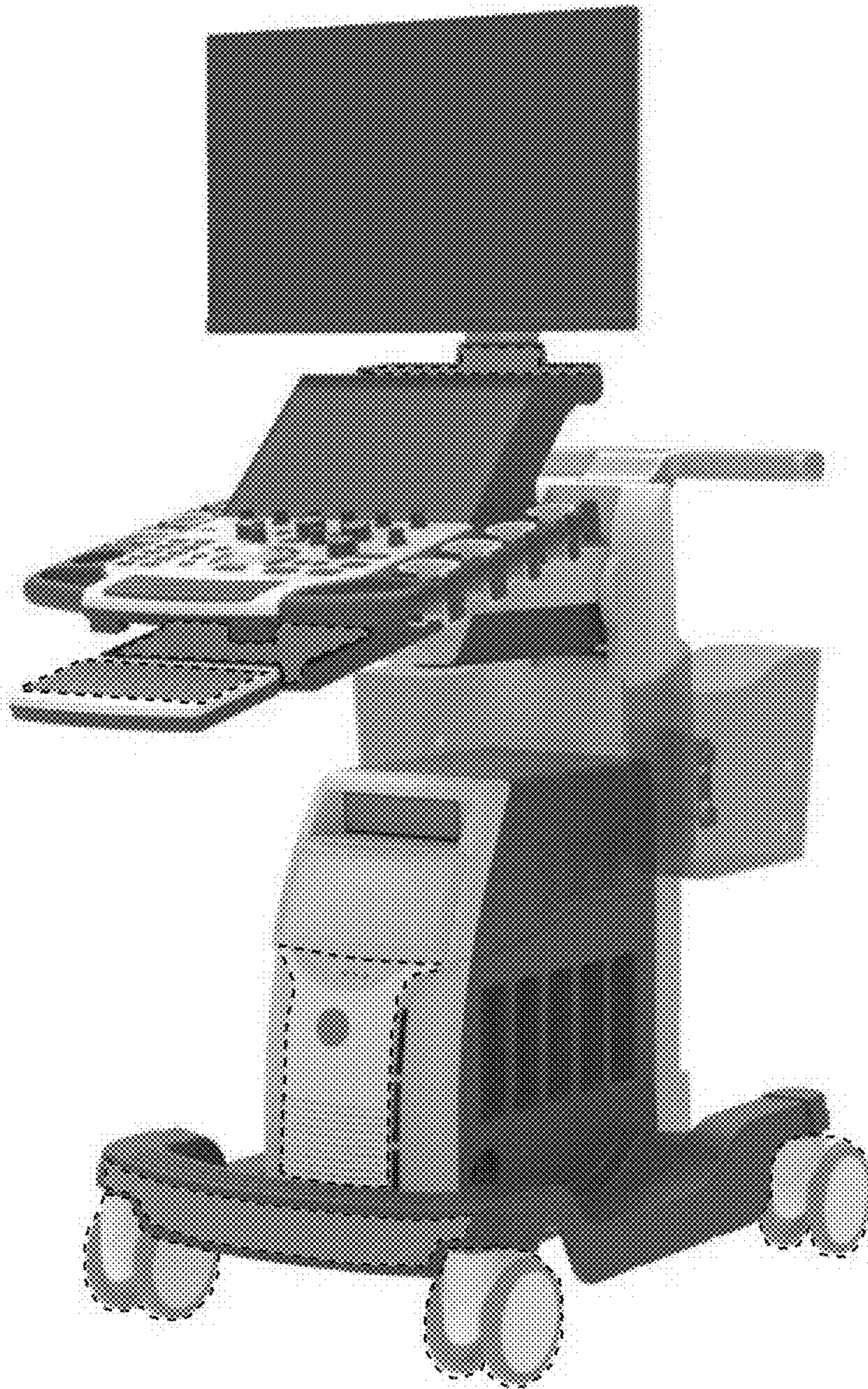


FIG. 7

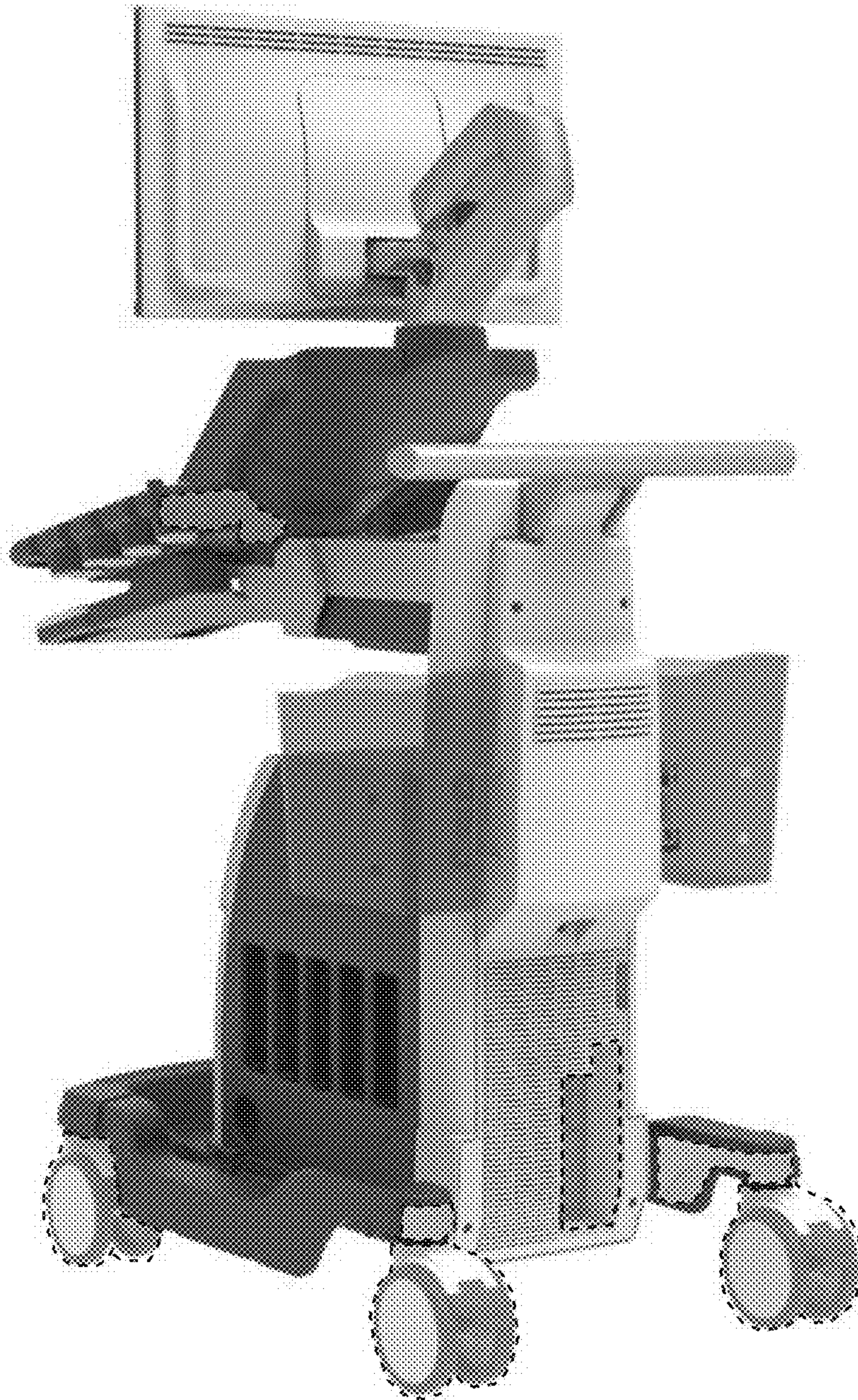


FIG. 8

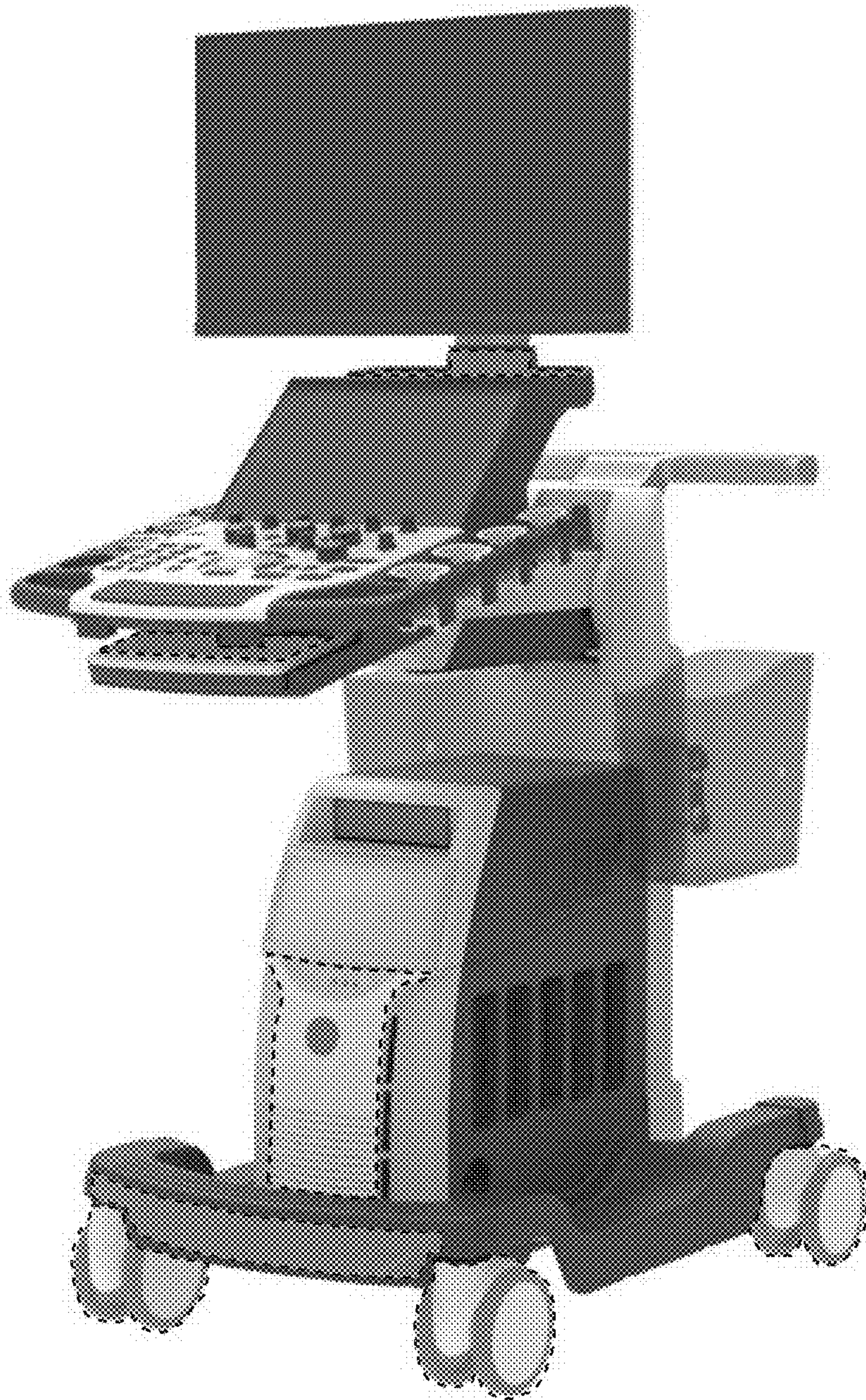


FIG. 9