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(12) **United States Design Patent**
Ogura

(10) **Patent No.:** **US D785,183 S**
(45) **Date of Patent:** **** Apr. 25, 2017**

(54) **MEDICAL X-RAY IMAGING APPARATUS**
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(72) Inventor: **Ryosuke Ogura**, Kanagawa (JP)
(73) Assignee: **FUJIFILM Corporation**, Tokyo (JP)
(**) Term: **15 Years**

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(21) Appl. No.: **29/565,759**
(22) Filed: **May 24, 2016**

(57) **CLAIM**
The ornamental design for a medical X-ray imaging apparatus, as shown and described.

(30) **Foreign Application Priority Data**
Nov. 27, 2015 (JP) 2015-026549
(51) **LOC (10) Cl.** **24-01**
(52) **U.S. Cl.**
USPC **D24/158**
(58) **Field of Classification Search**
USPC D24/158–161, 185, 186, 107
CPC .. A61B 5/05; A61B 5/055; A61B 6/03; A61B
6/035; A61B 6/4405; A61B 6/4411; A61B
6/4435; A61B 6/4441; A61B 6/4447
See application file for complete search history.

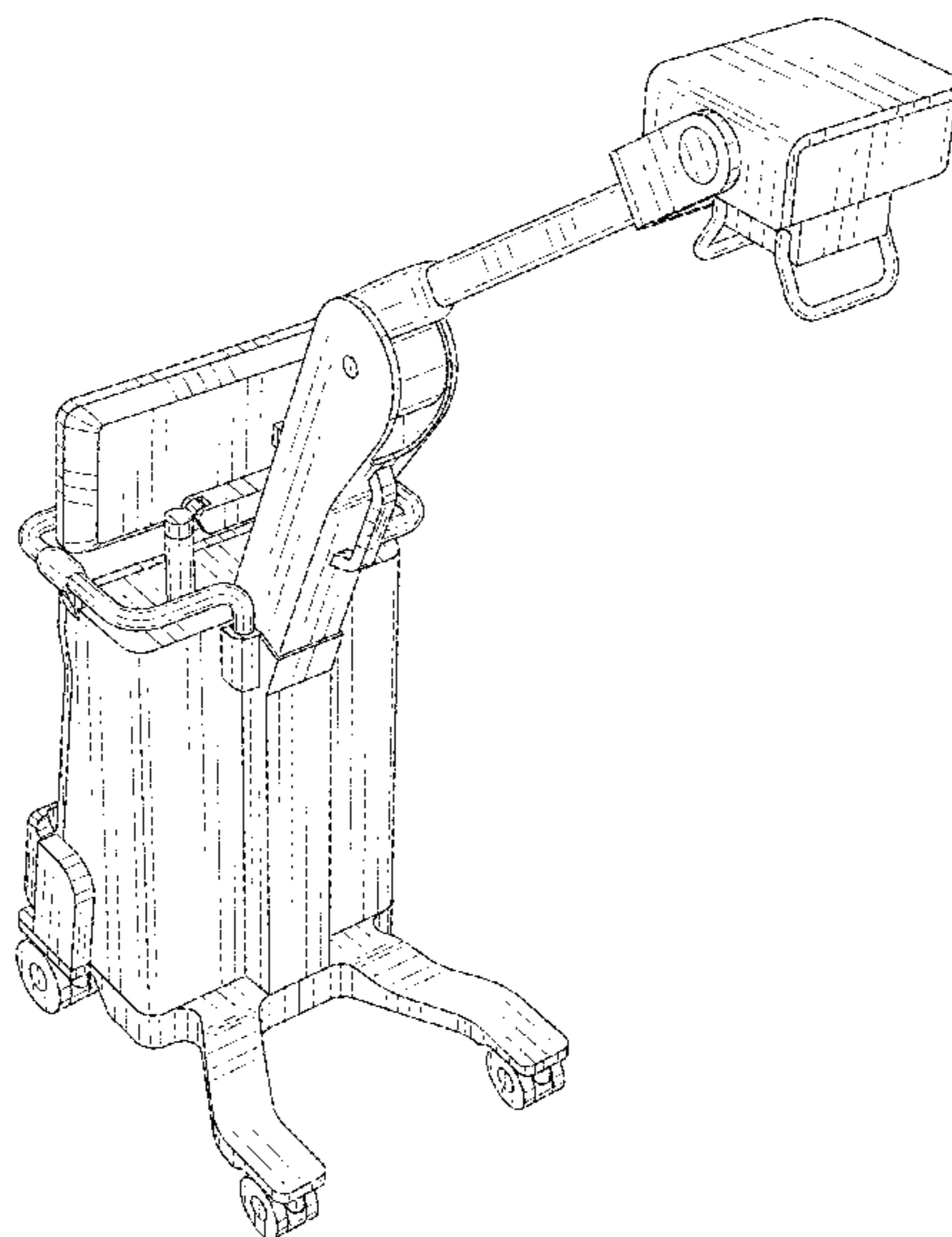
DESCRIPTION

FIG. 1 is a top, front and left side perspective view of a medical X-ray imaging apparatus showing my new design; FIG. 2 is a top, rear and left side perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a left side elevational view thereof; FIG. 8 is a right side elevational view thereof; FIG. 9 is a top, front and left side perspective view thereof in a state that an arm having an X-ray irradiation device at its distal end is folded; FIG. 10 is a top, rear and left side perspective view thereof in a state that an arm having an X-ray irradiation device at its distal end is folded; FIG. 11 is a front elevational view thereof in a state that an arm having an X-ray irradiation device at its distal end is folded; FIG. 12 is a right side elevational view thereof in a state that an arm having an X-ray irradiation device at its distal end is folded; FIG. 13 is an enlarged cross-sectional view thereof taken along lines XIII-XIII of FIG. 11, in which an internal mechanism is omitted; and, FIG. 14 is a top, rear and left side perspective view thereof, showing a state that an electronic cassette is put in a housing section such that the electronic cassette is charged. The broken lines in FIG. 14 depict environmental subject matter only and form no part of the claimed design.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D700,706 S * 3/2014 Molter D24/185
D714,941 S * 10/2014 Kim D24/158
D735,342 S * 7/2015 Asad D24/185
D743,558 S * 11/2015 Kim D24/158
D751,209 S * 3/2016 DiMino D24/185
2007/0116182 A1 * 5/2007 Koren A61B 6/4405
378/198
2007/0133753 A1 * 6/2007 Jakob A61B 6/4405
378/198
2012/0148031 A1 * 6/2012 Eaves A61B 6/4405
378/198

(Continued)

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2013/0136240	A1*	5/2013		Causape
			Rodriguez	A61B 6/4405
				378/198
2014/0233703	A1*	8/2014	Omura	A61B 6/4405
				378/98
2016/0120489	A1*	5/2016	Yang	A61B 6/4405
				378/62
2016/0199013	A1*	7/2016	Moreno Vallejo ...	A61B 6/4405
				378/194

* cited by examiner

FIG. 1

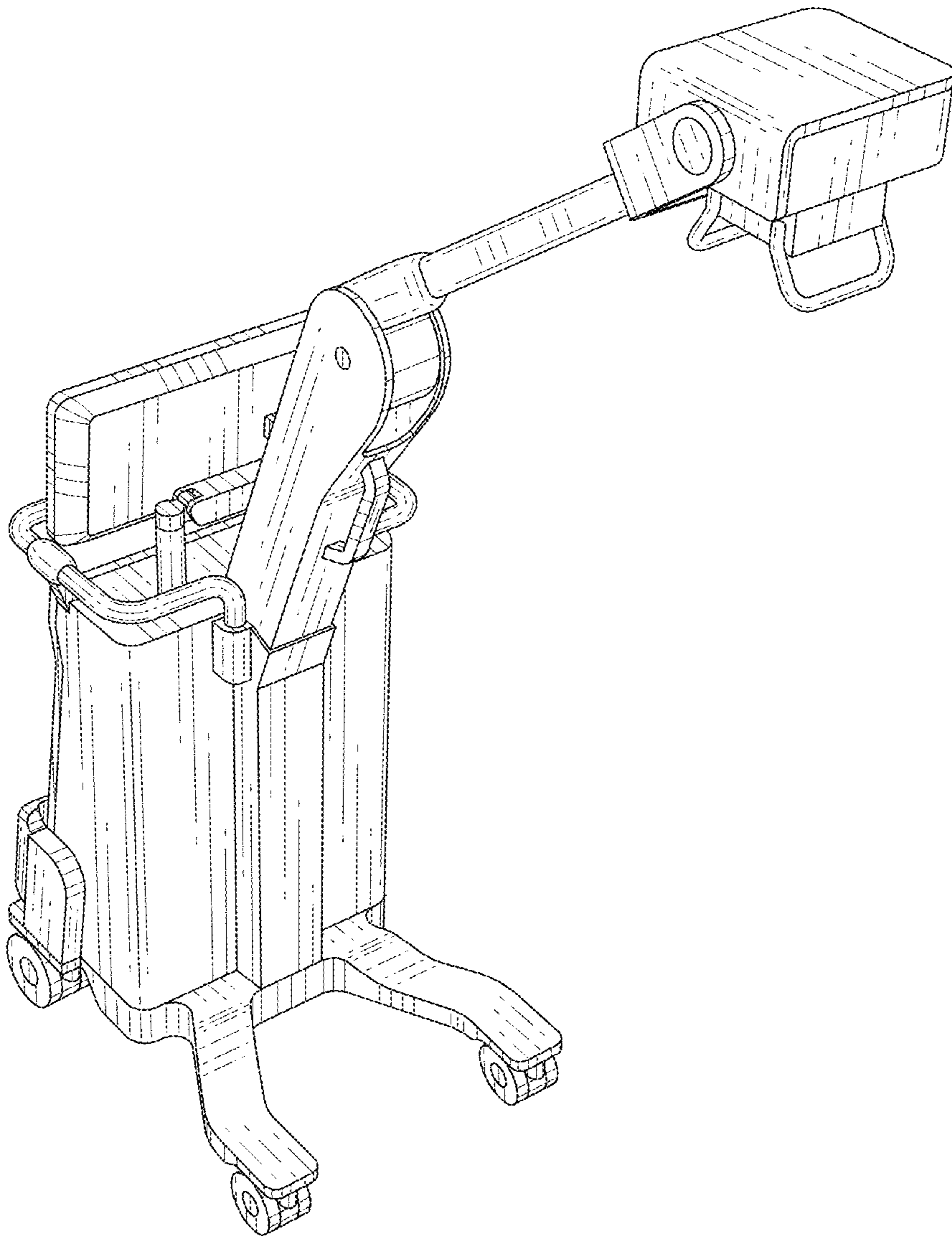


FIG. 2

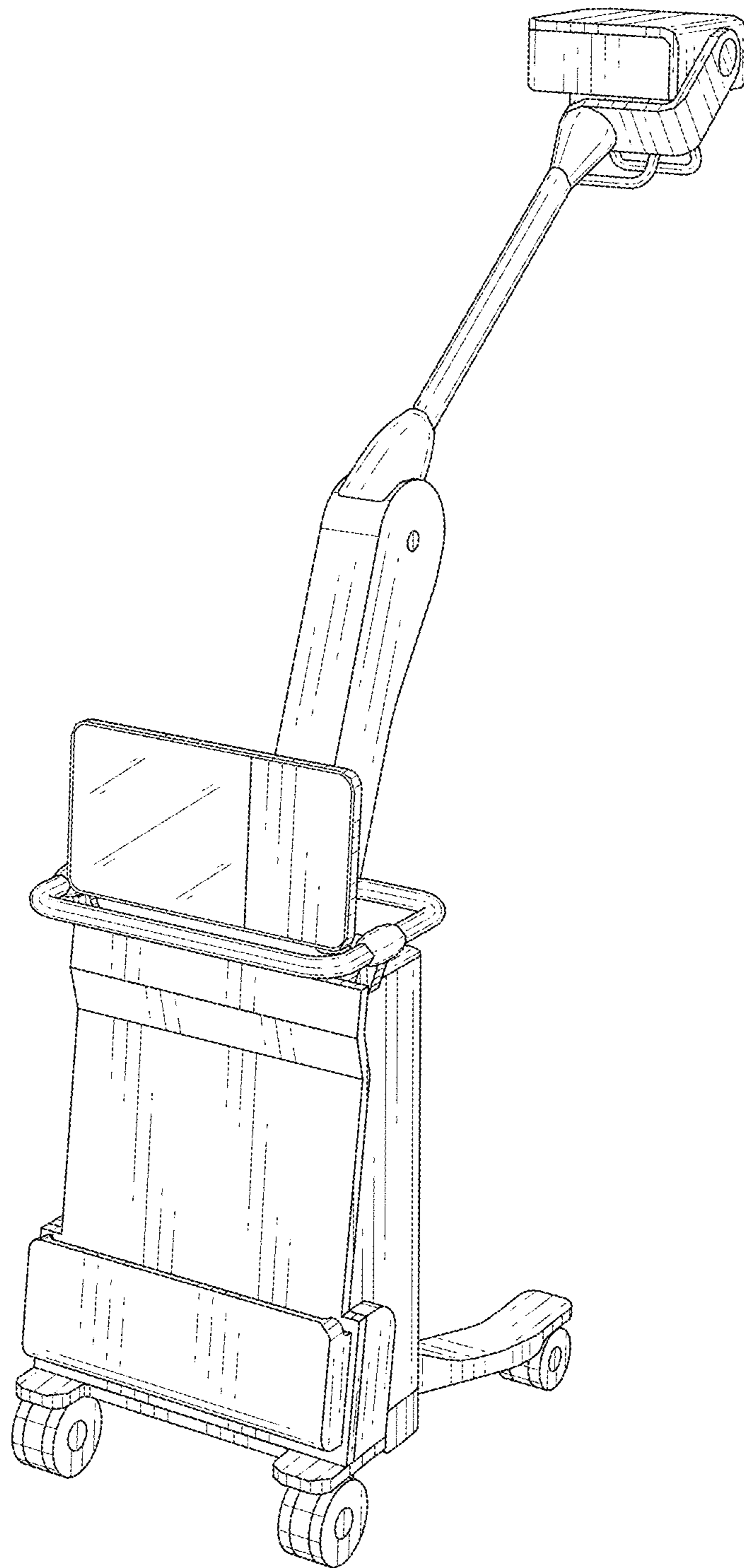


FIG. 3

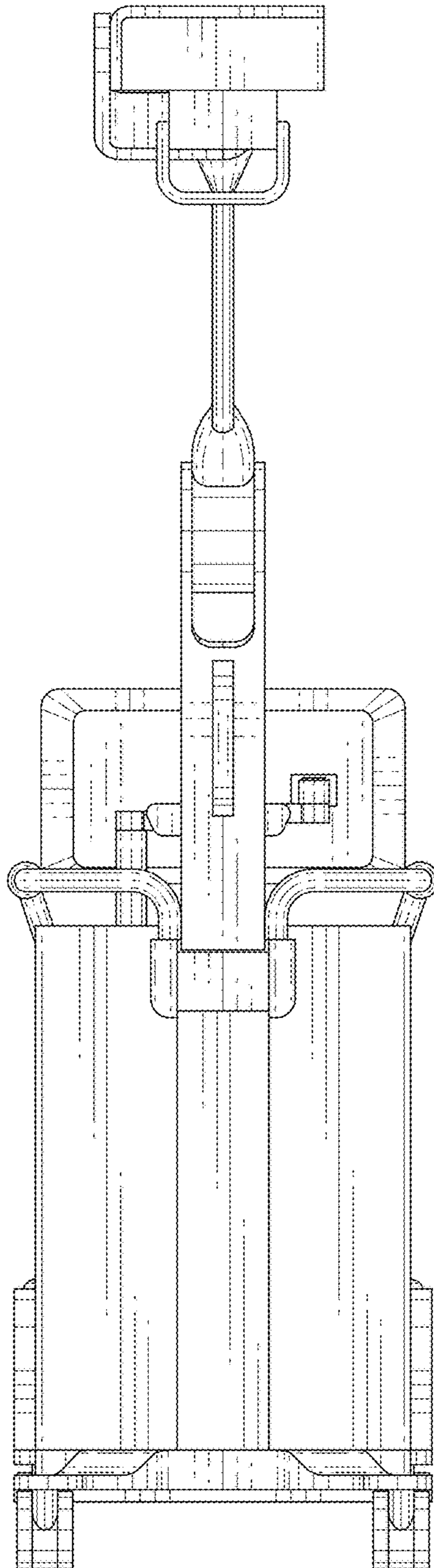


FIG. 4

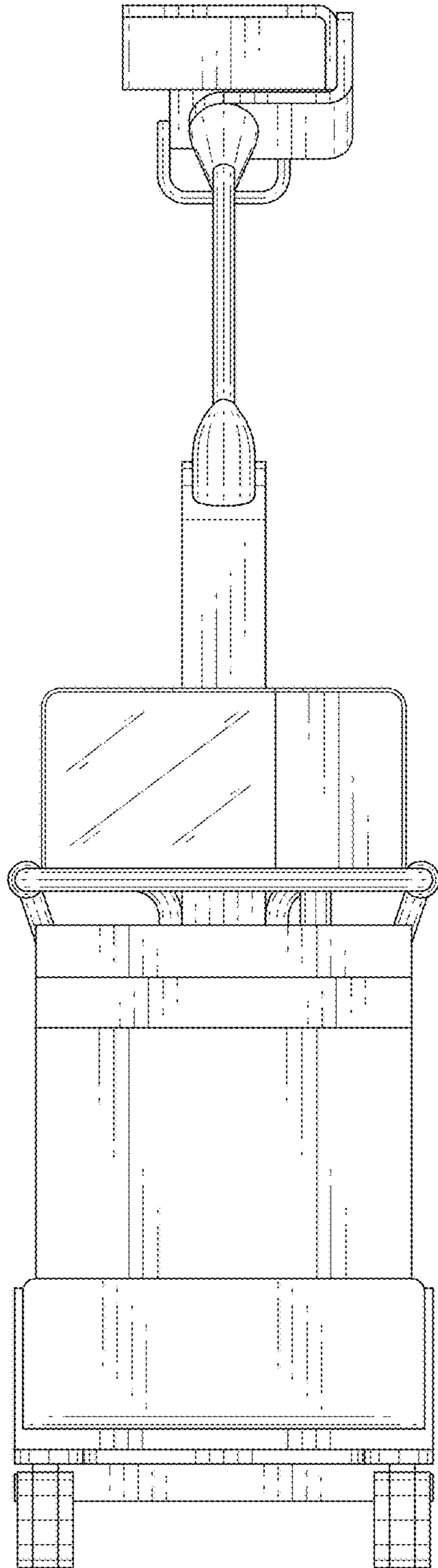


FIG. 5

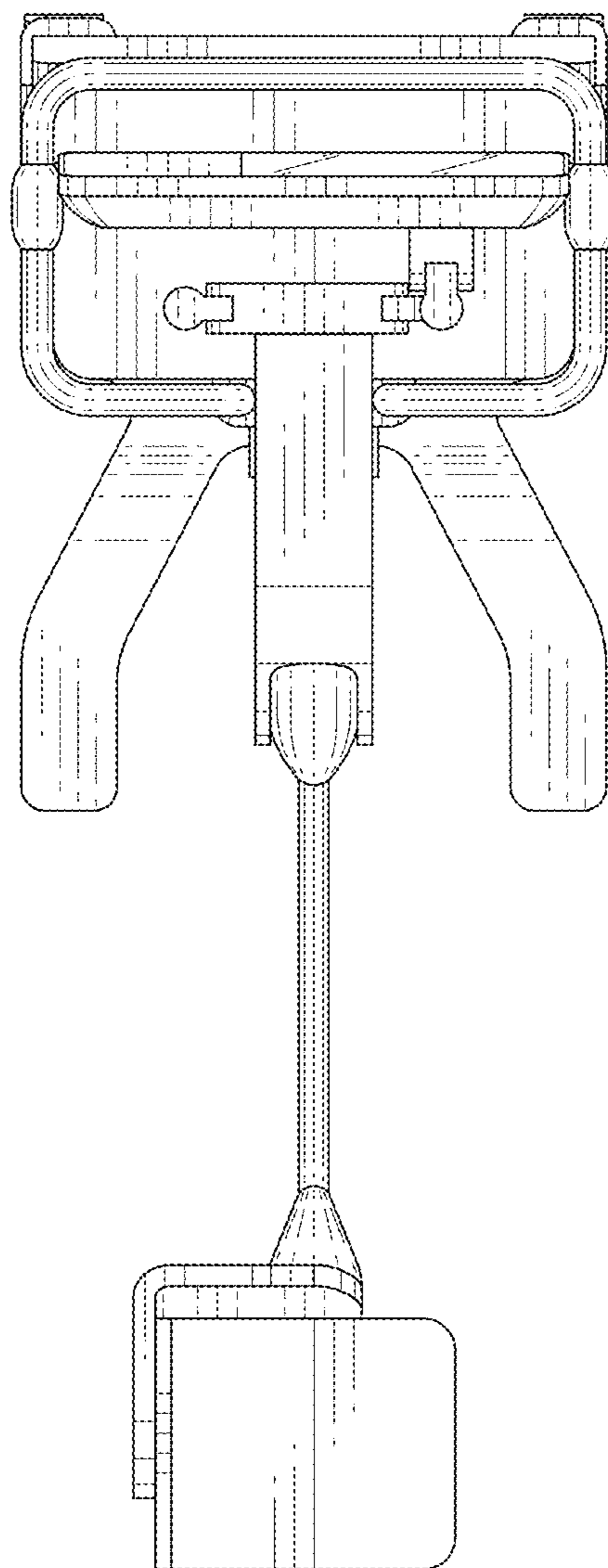


FIG. 6

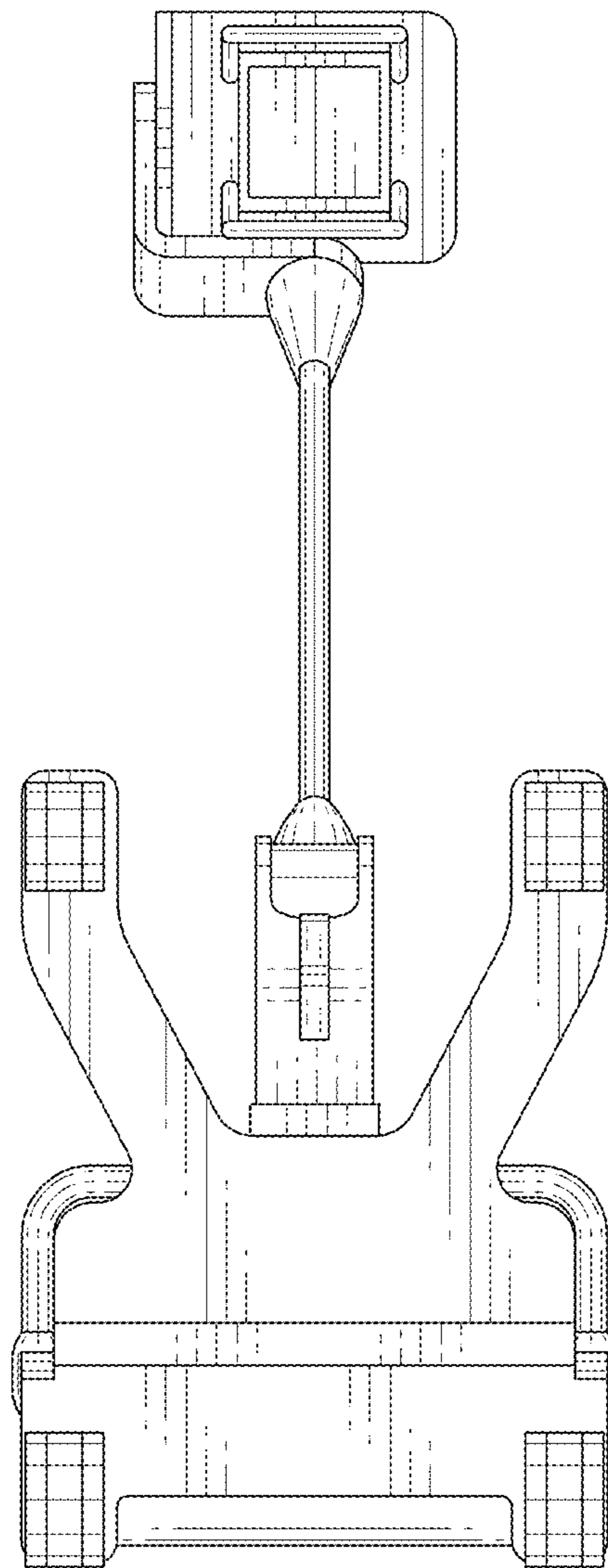


FIG. 7

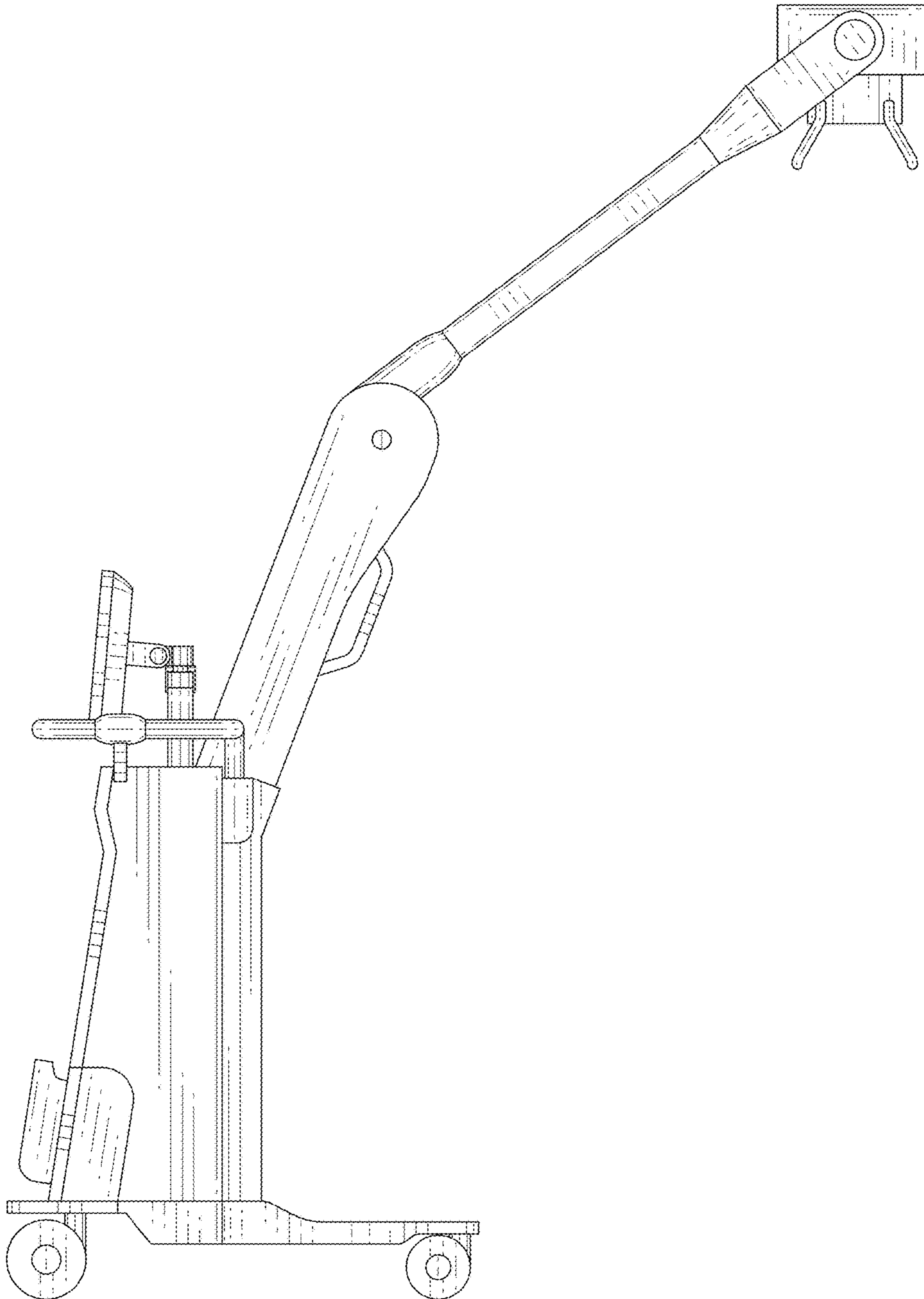


FIG. 8

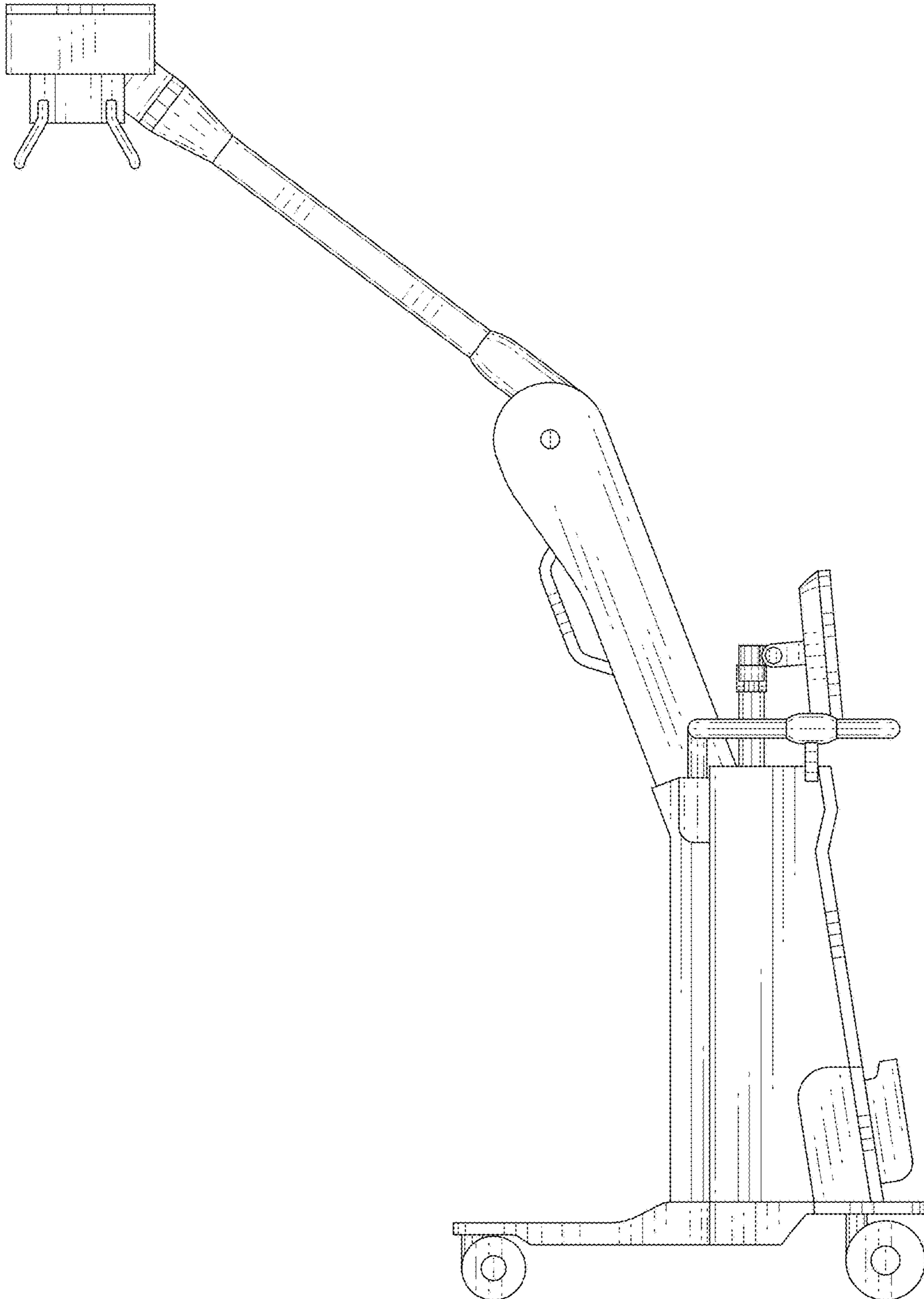


FIG. 9

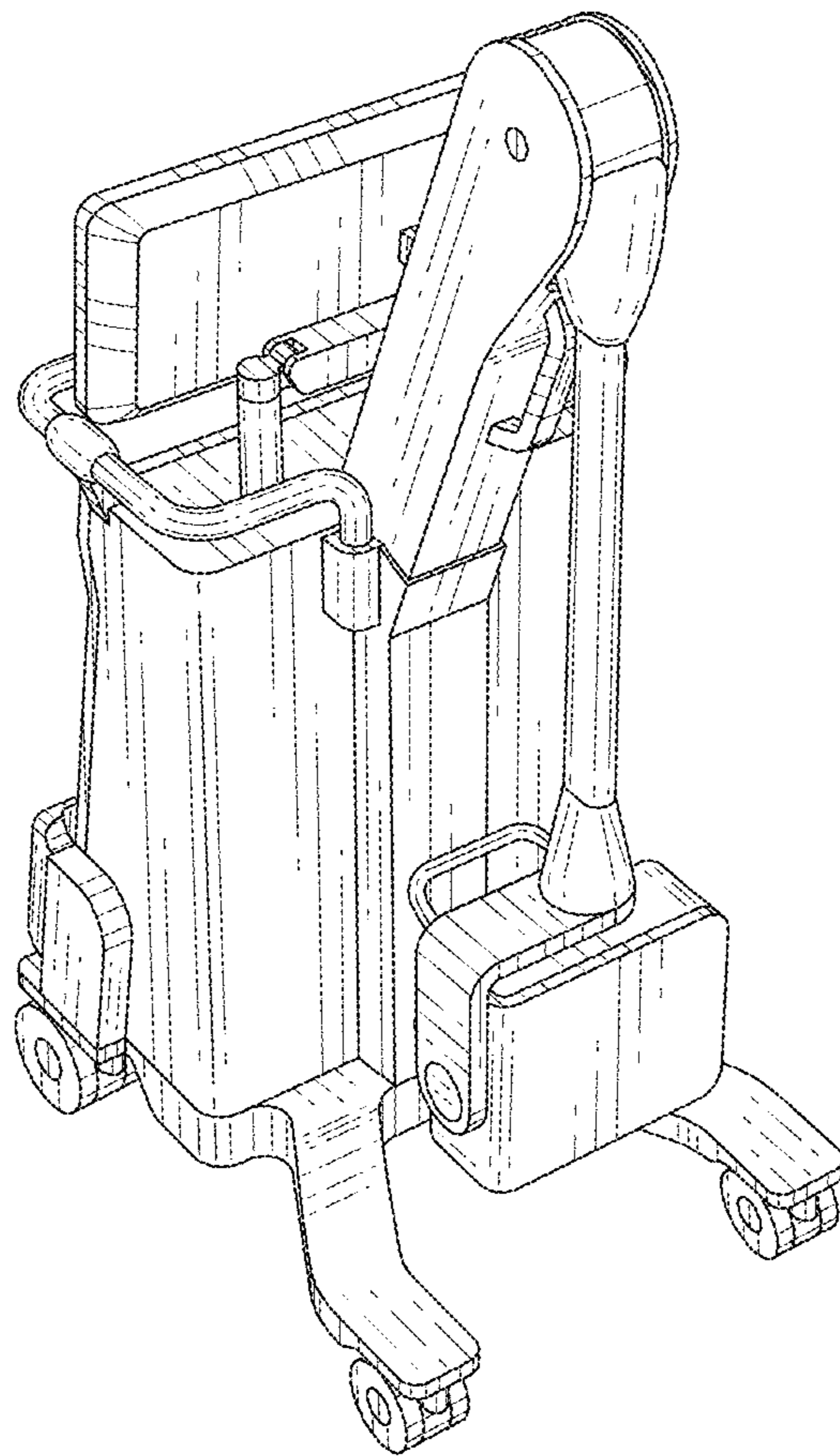


FIG. 10

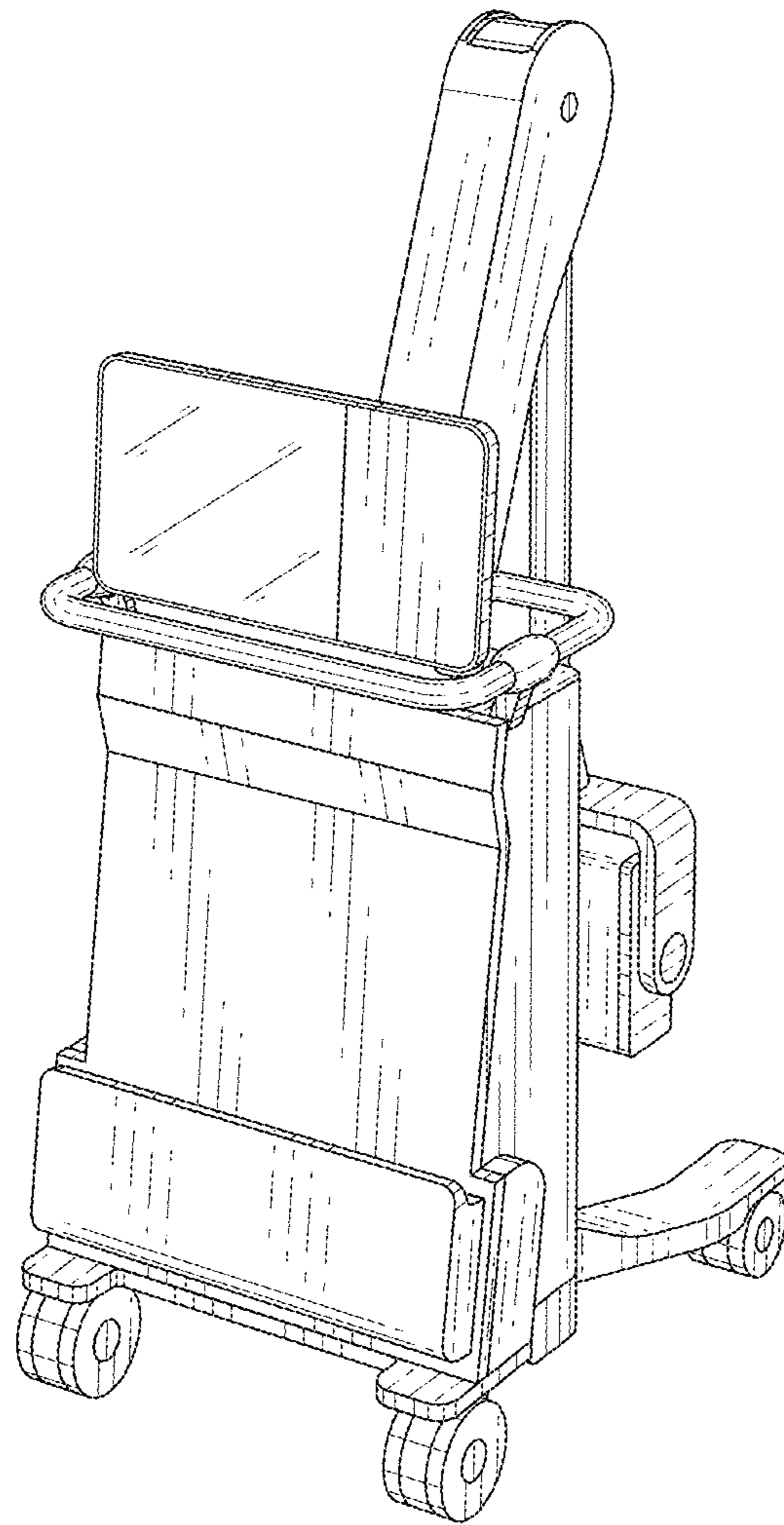


FIG. 11

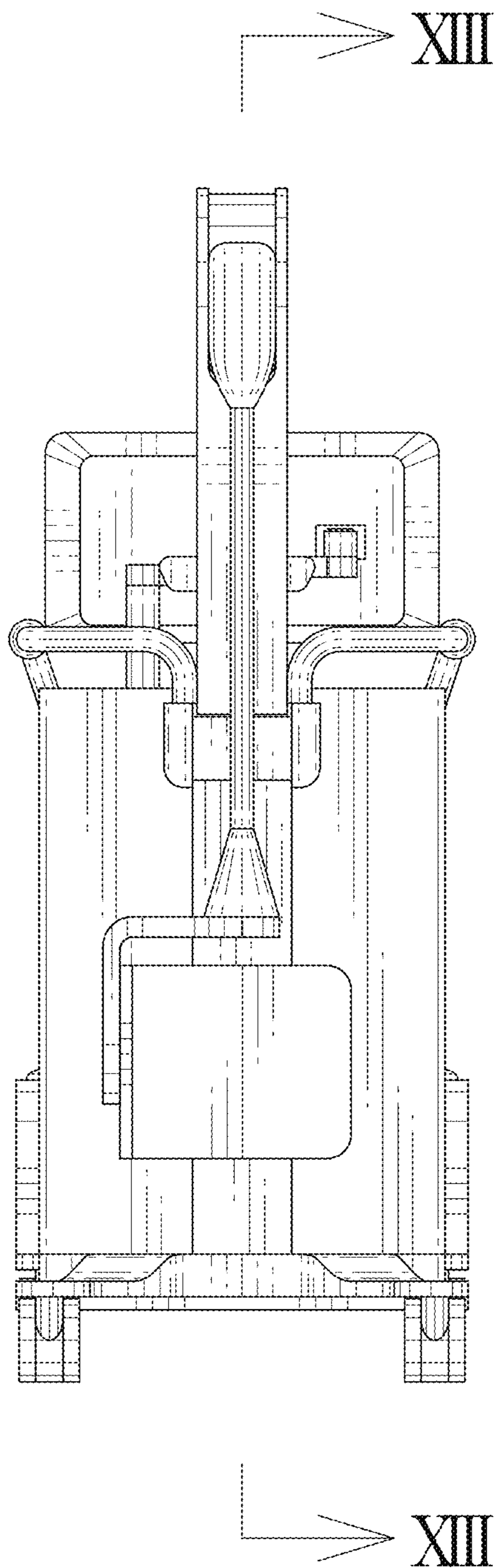


FIG. 12

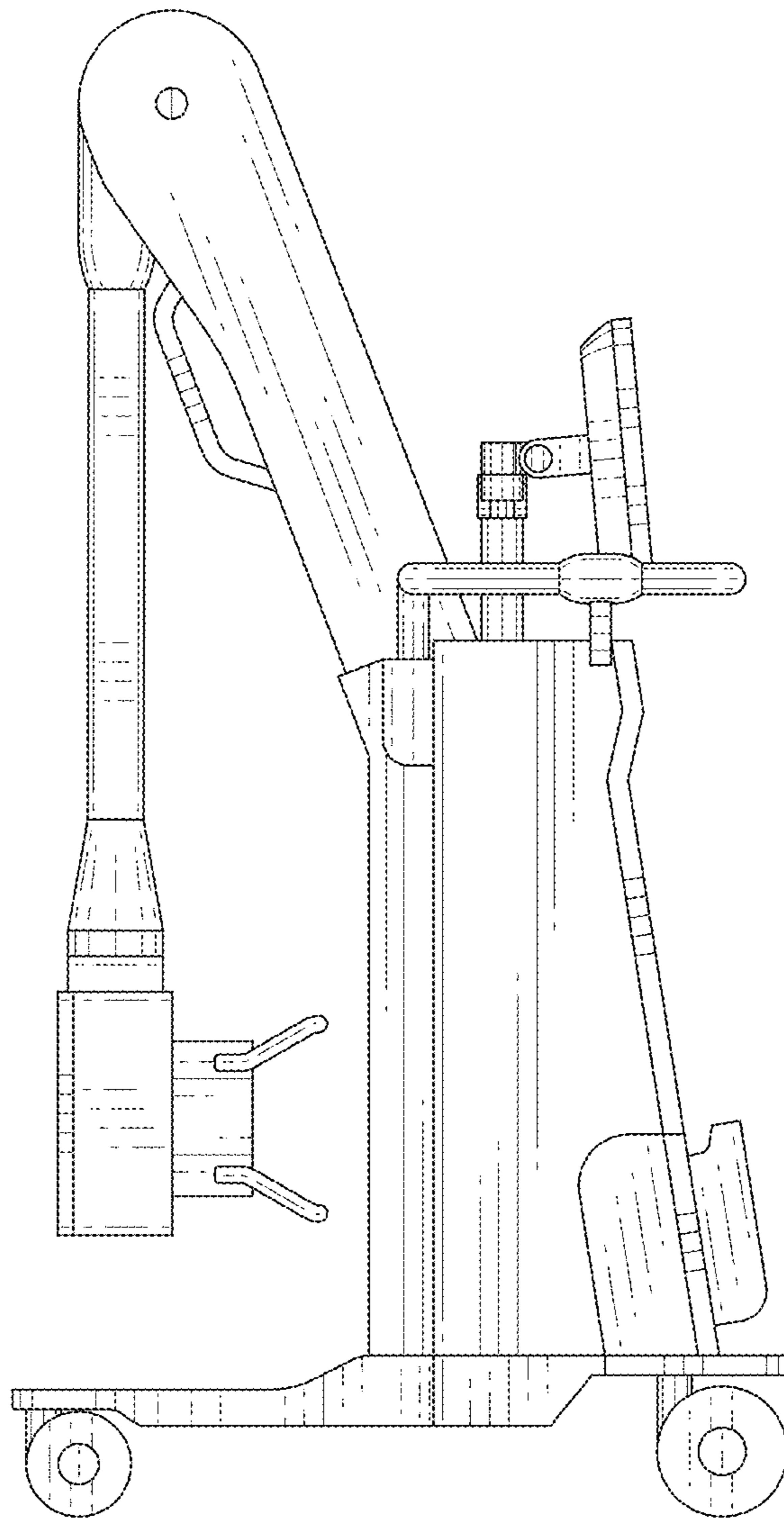


FIG. 13

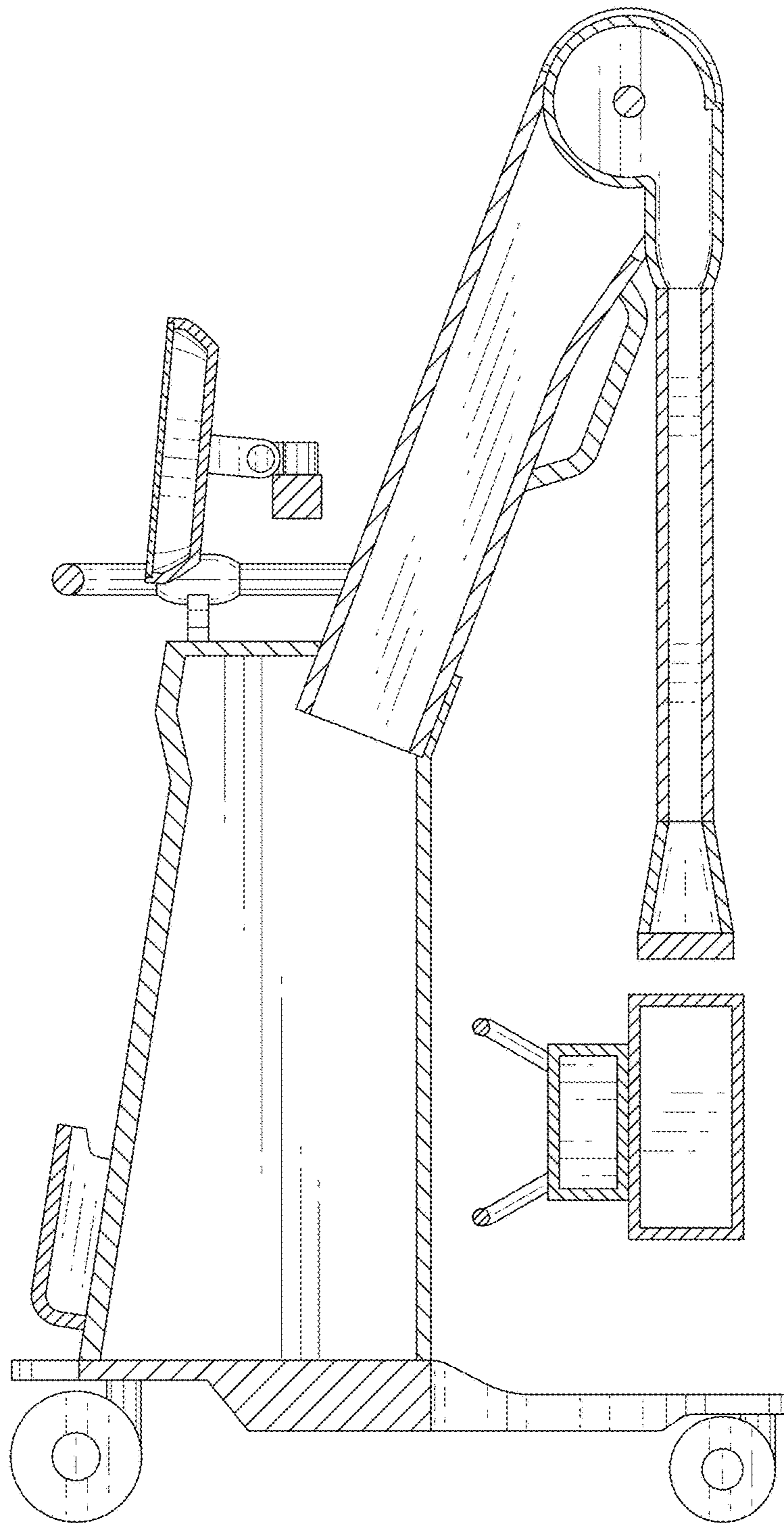


FIG. 14

