



US00D837380S

(12) **United States Design Patent** (10) **Patent No.:** **US D837,380 S**
Hulford et al. (45) **Date of Patent:** **** Jan. 1, 2019**

(54) **SURGICAL APPARATUS**

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

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(51) **LOC (11) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/170; D24/185**

(58) **Field of Classification Search**
USPC D24/185, 158, 184, 186, 175, 232, 108,
D24/144; D14/452; D15/199
CPC A61B 34/30; A61B 34/32; A61B 34/35;
A61B 2034/301; A61B 2034/302; A61B
2034/303; A61B 2034/304; A61B
2034/305; A61B 2034/306
See application file for complete search history.

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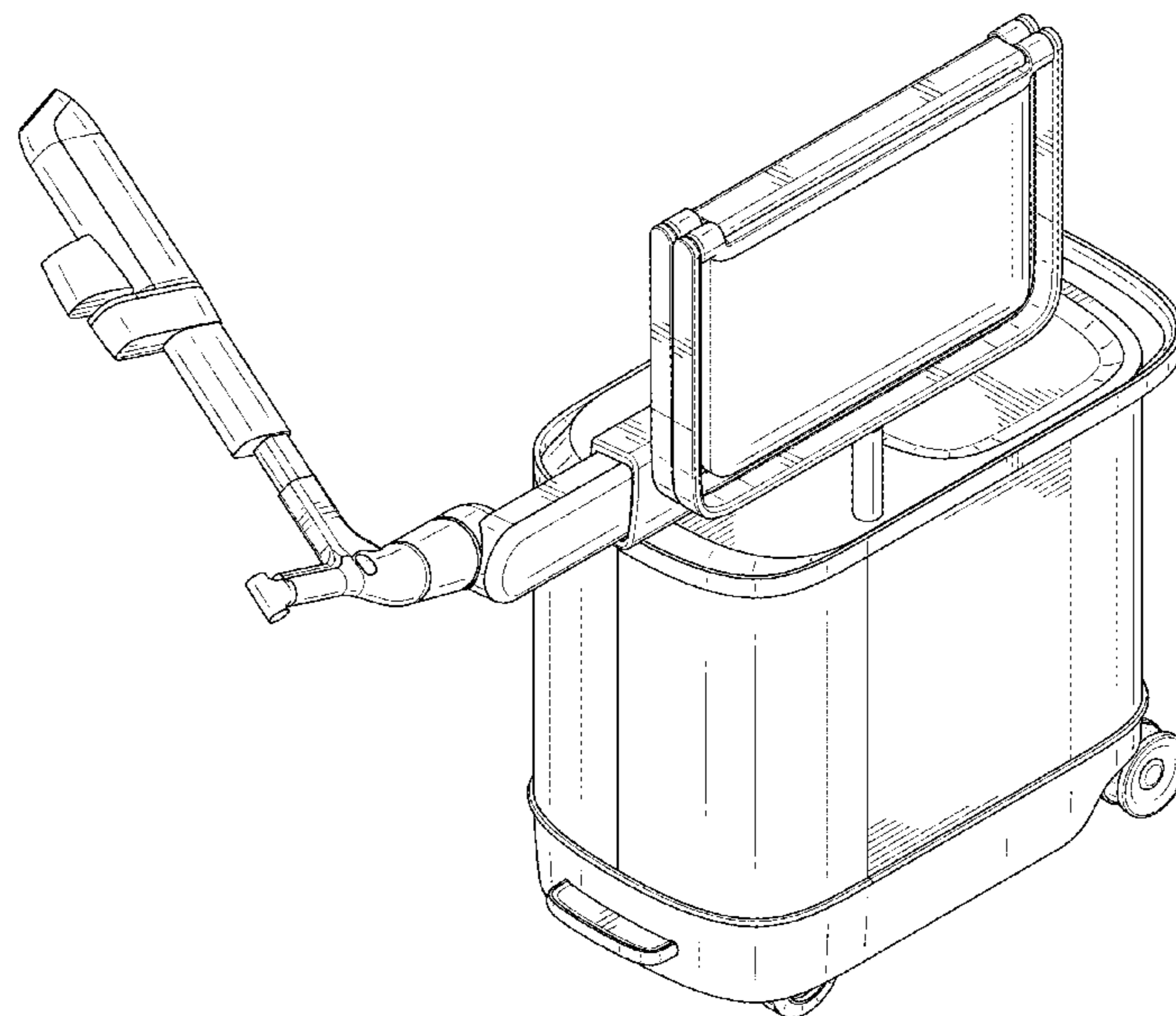
(57) **CLAIM**

The ornamental design for a surgical apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a surgical apparatus showing our new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a right side elevational view thereof;
 FIG. 5 is a left side elevational view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof;
 FIG. 8 is another perspective view thereof;
 FIG. 9 is yet another perspective view thereof;
 FIG. 10 is still yet another perspective view thereof; and,
 FIG. 11 is still yet another perspective view thereof.
 The surgical apparatus illustrated in FIGS. 1-11 may be a surgical navigation apparatus such as, for example, a lung navigation apparatus.

1 Claim, 10 Drawing Sheets



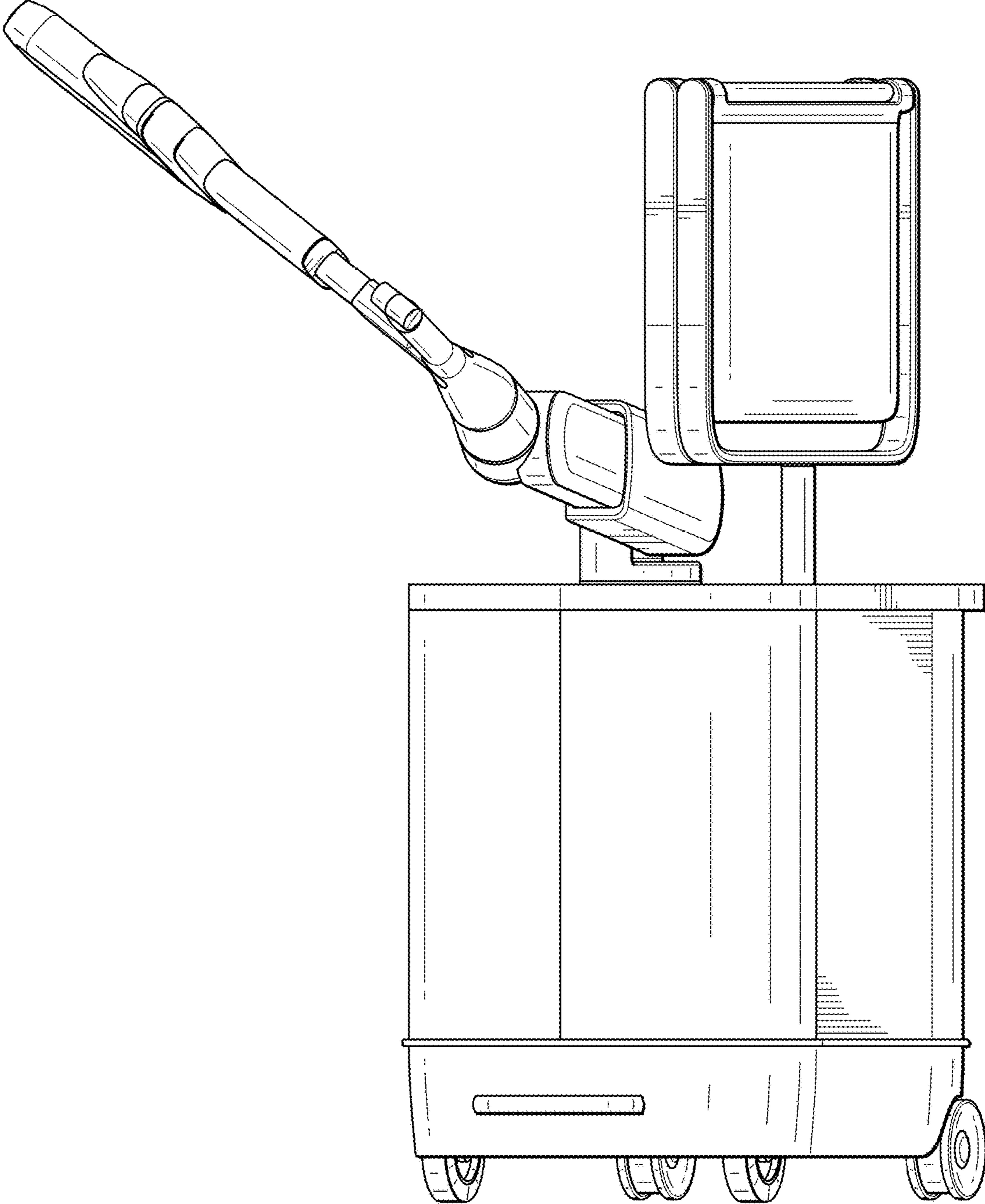


Fig. 1

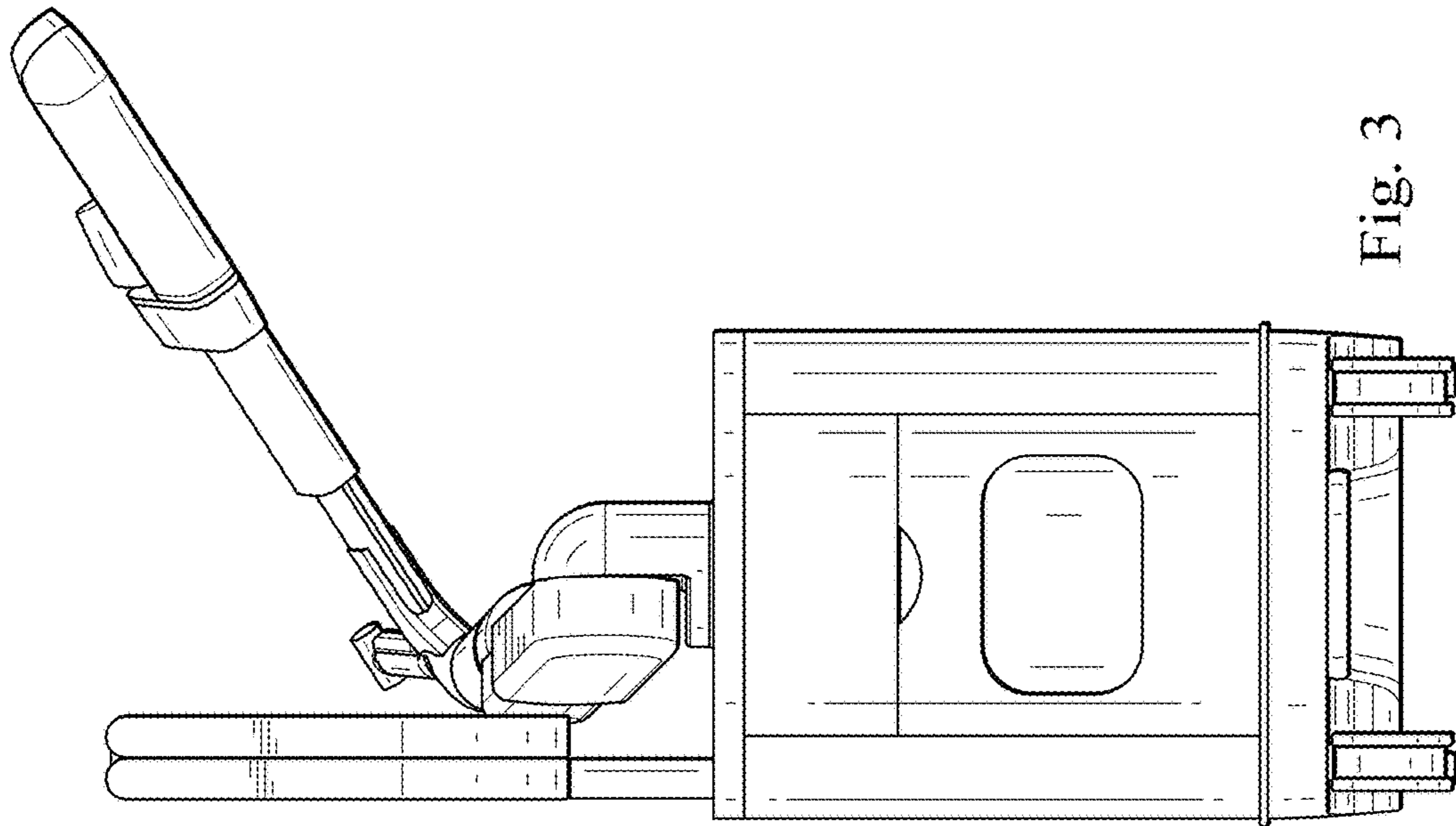


Fig. 3

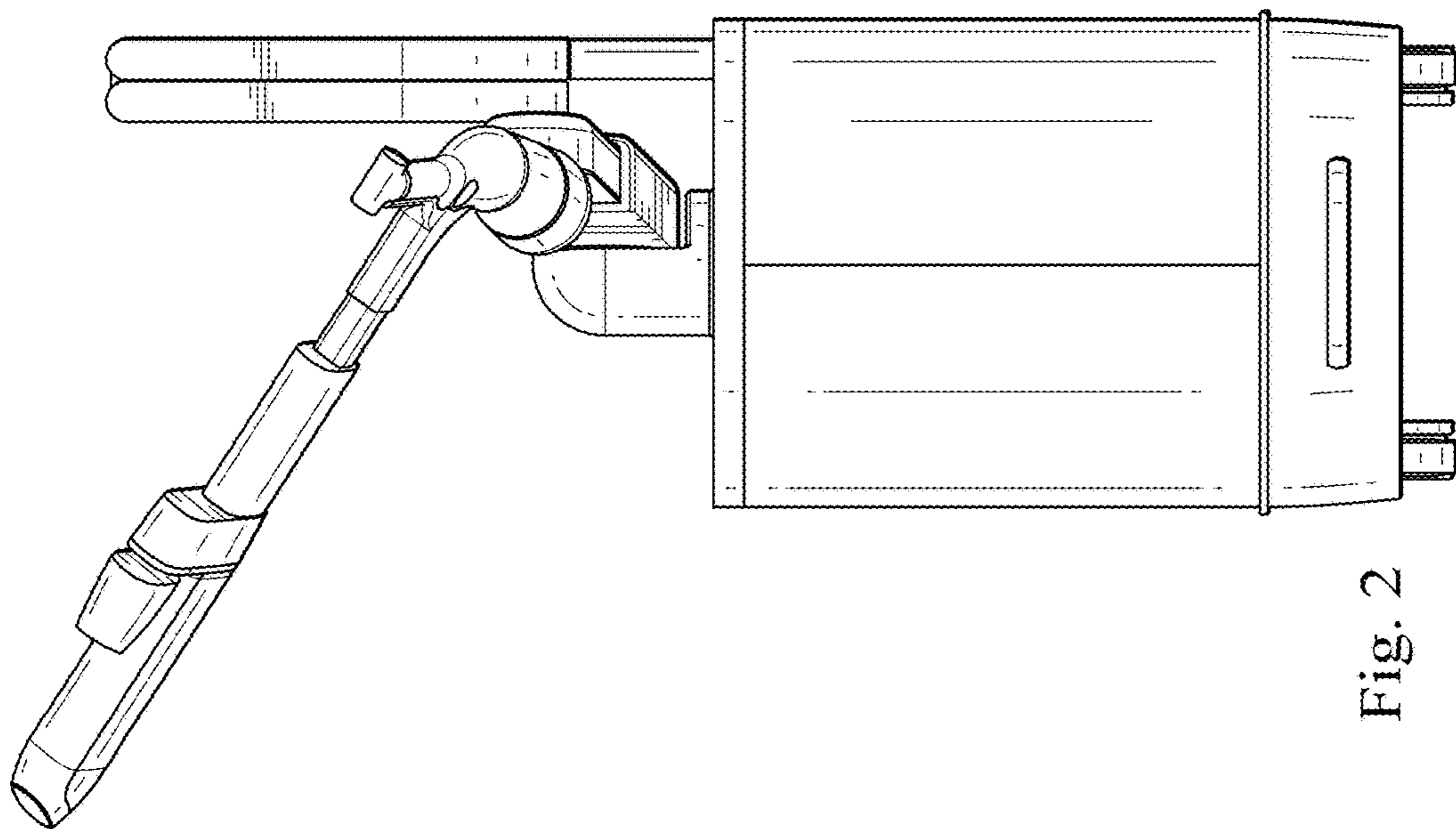
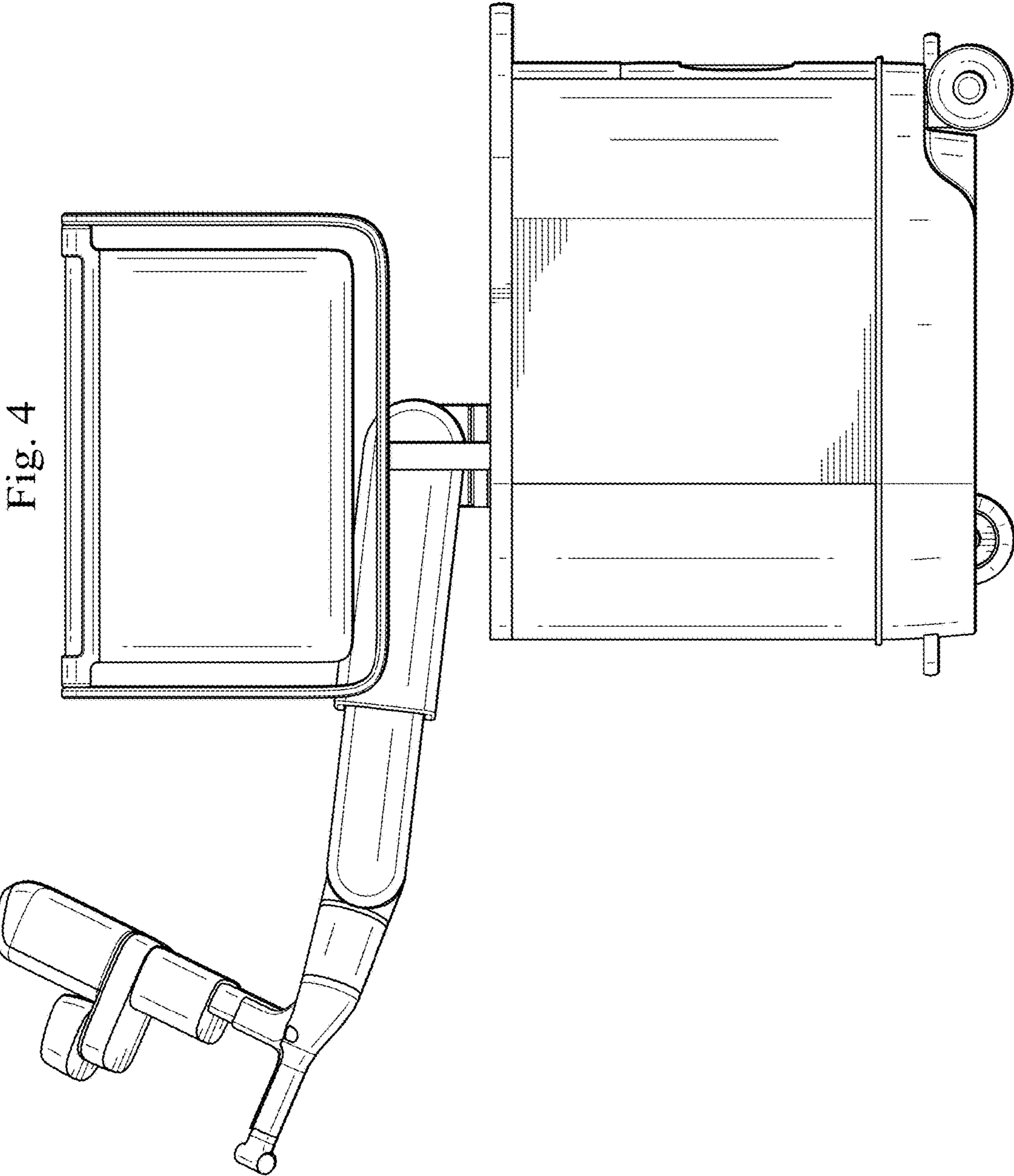


Fig. 2



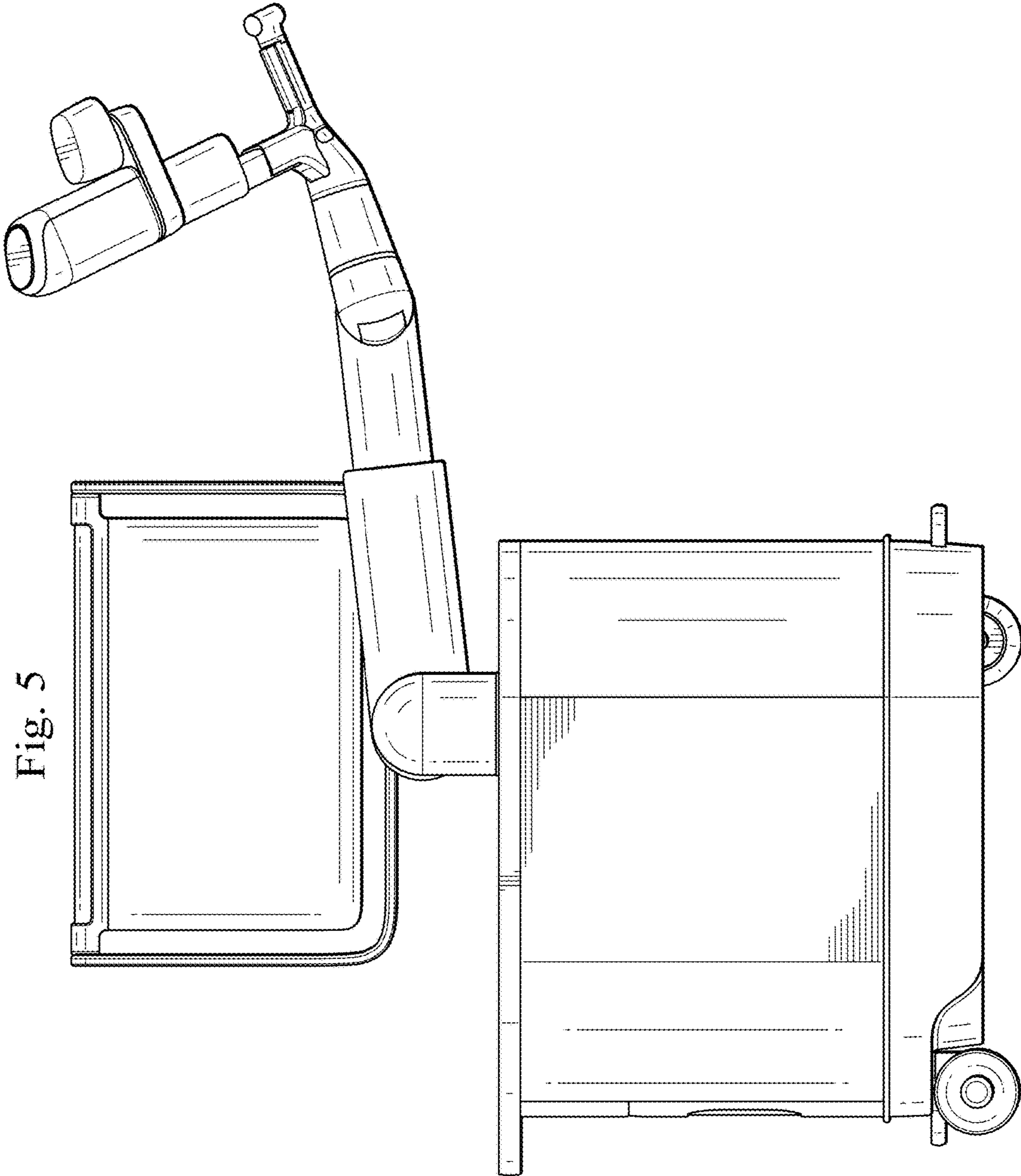
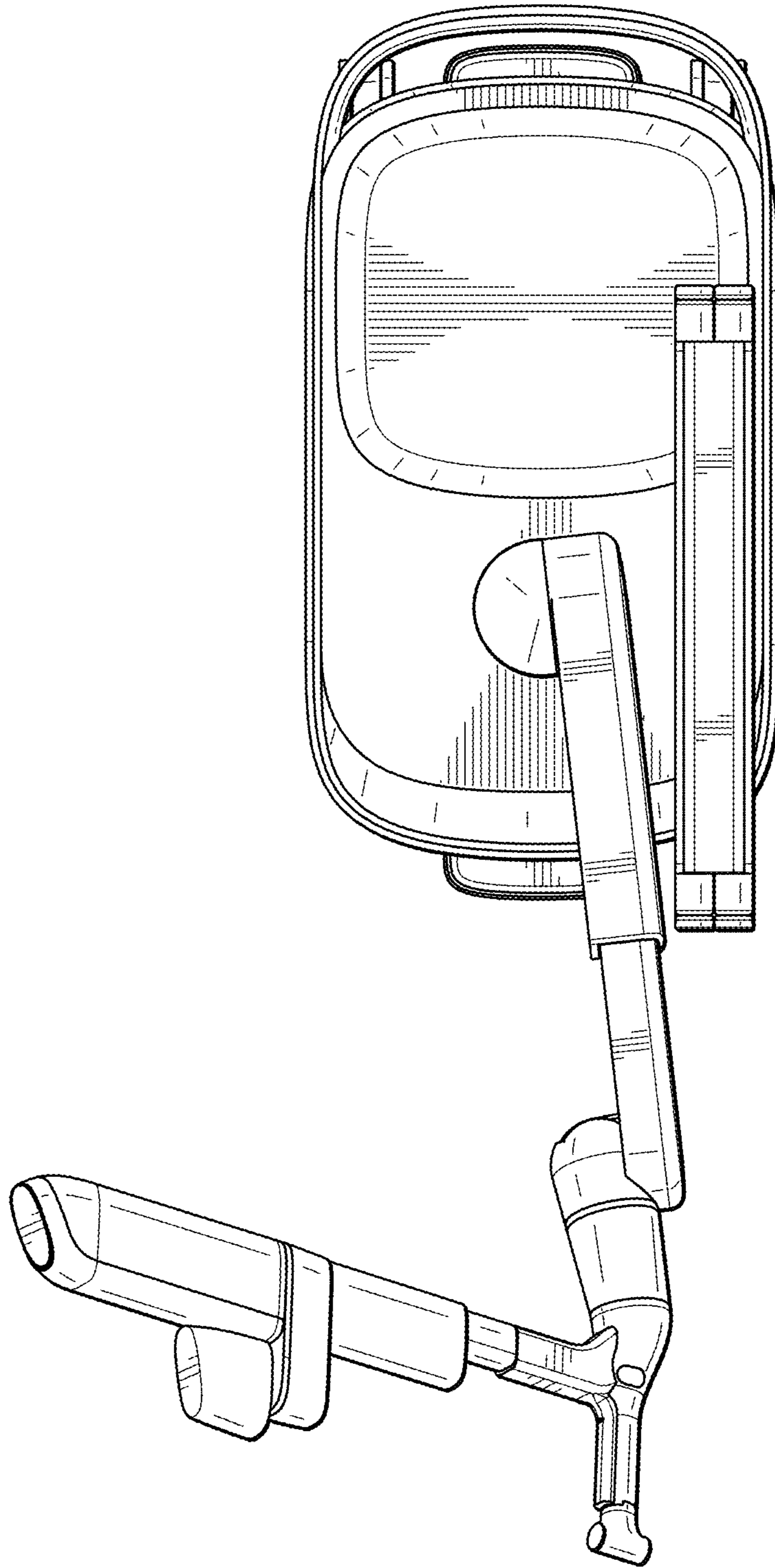


Fig. 5

Fig. 6



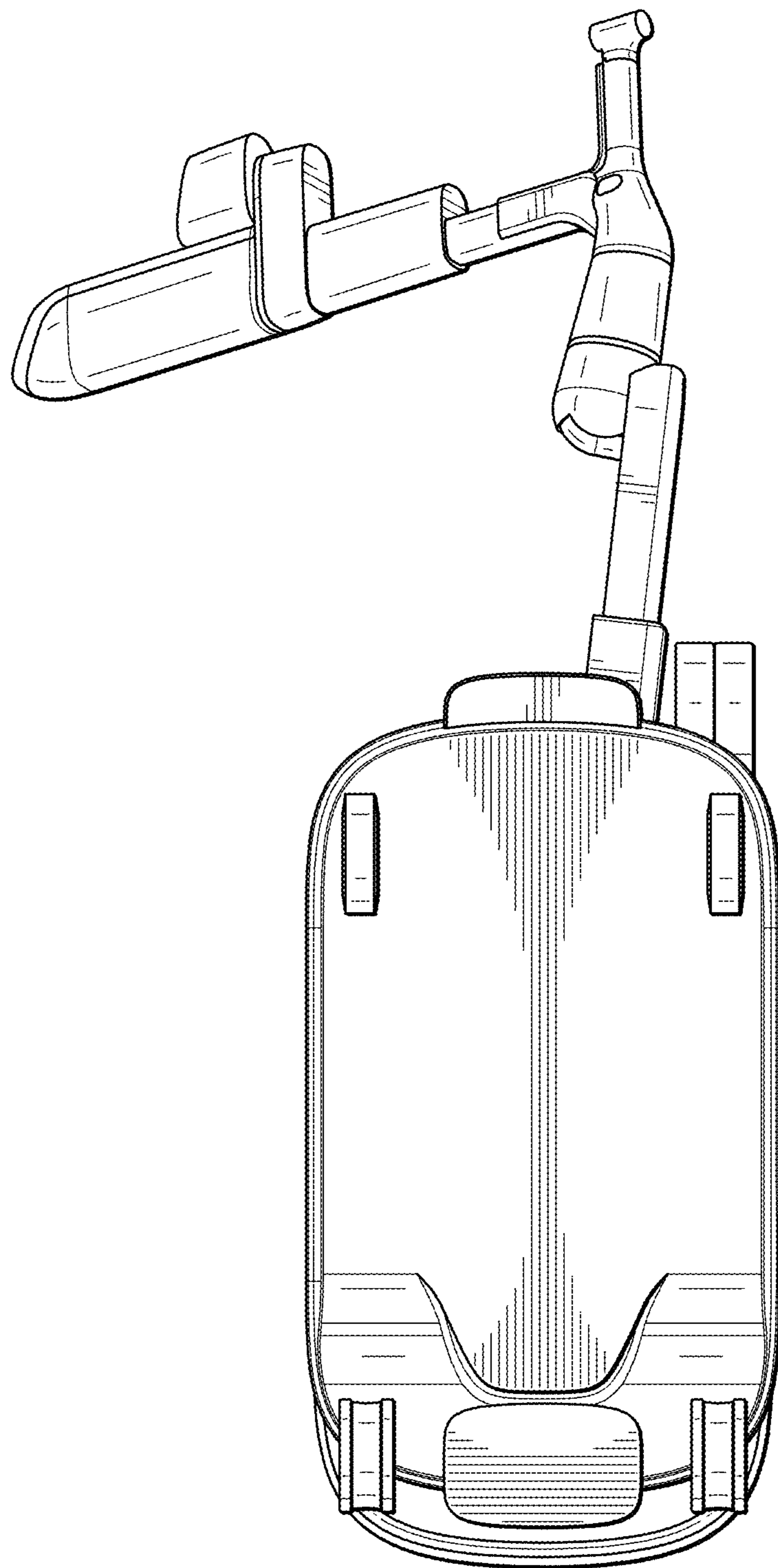


Fig. 7

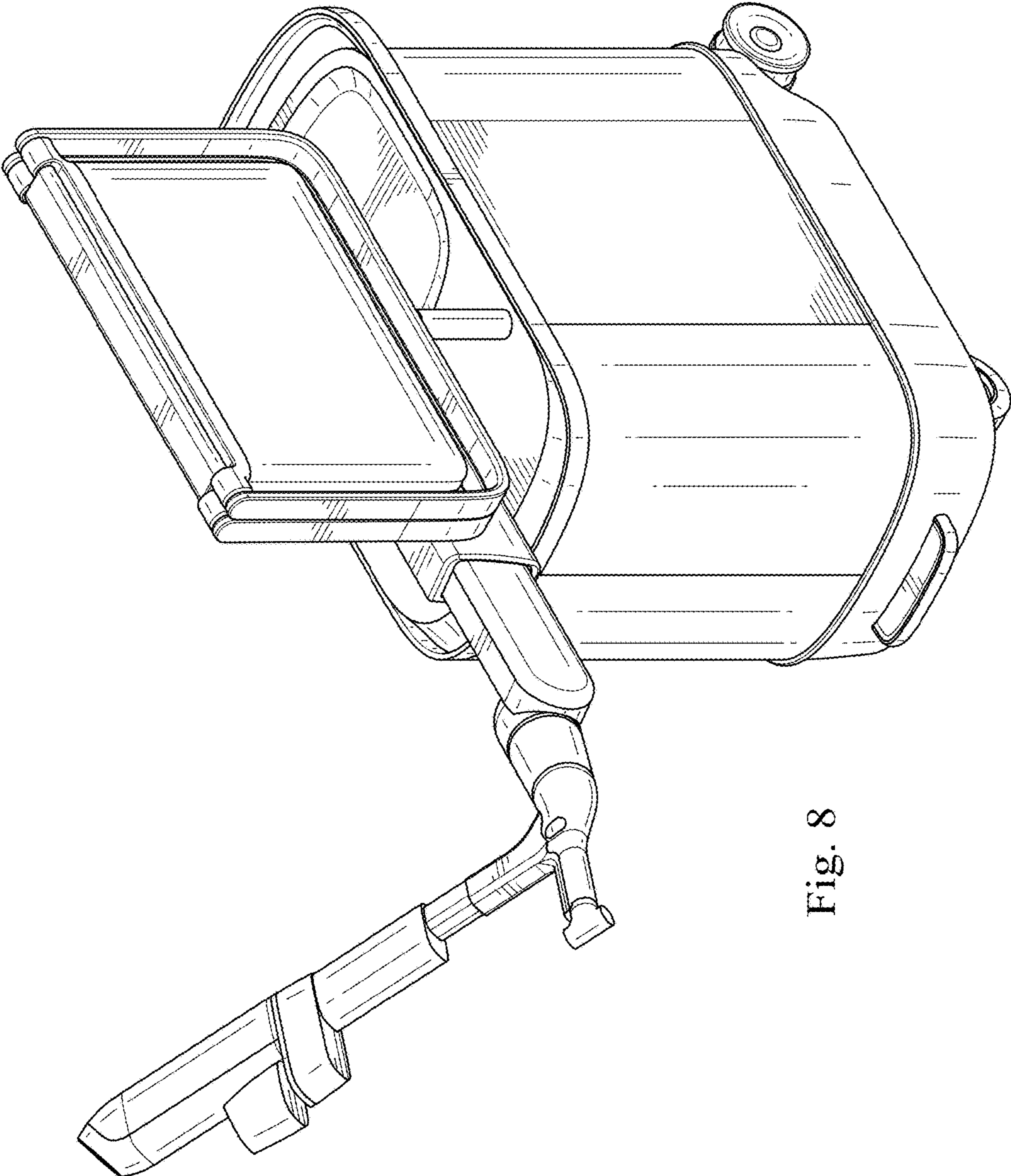


Fig. 8

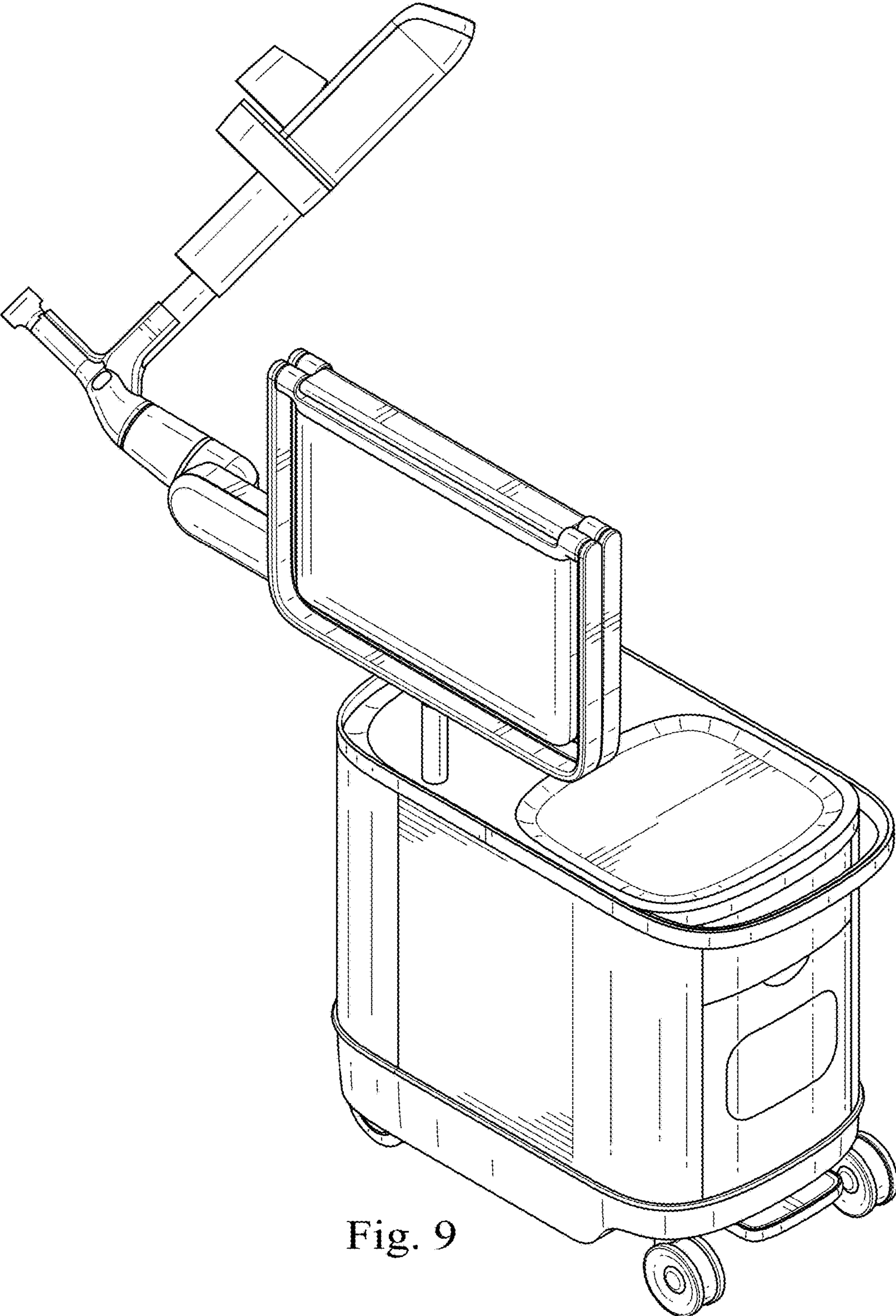


Fig. 9

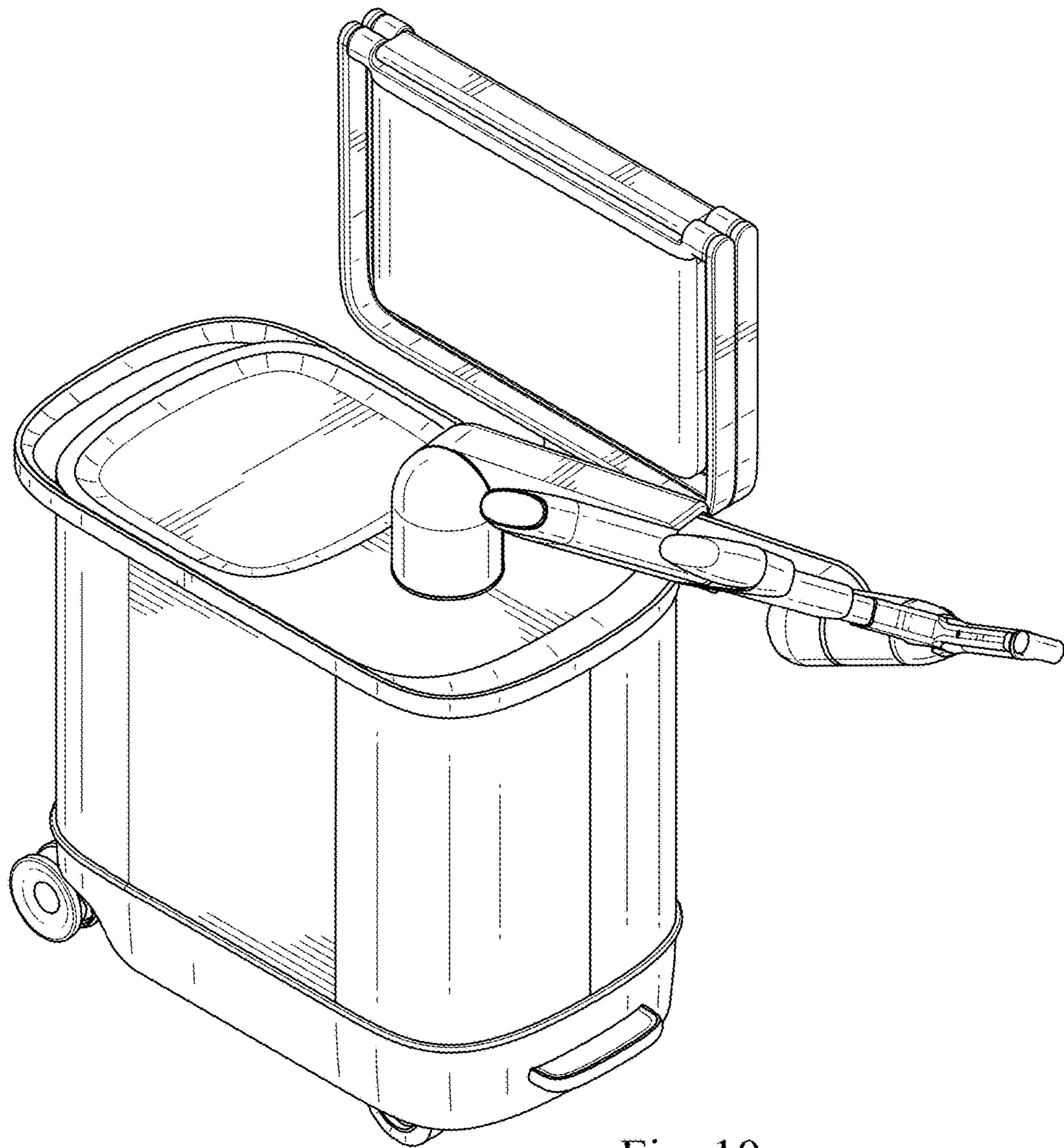


Fig. 10

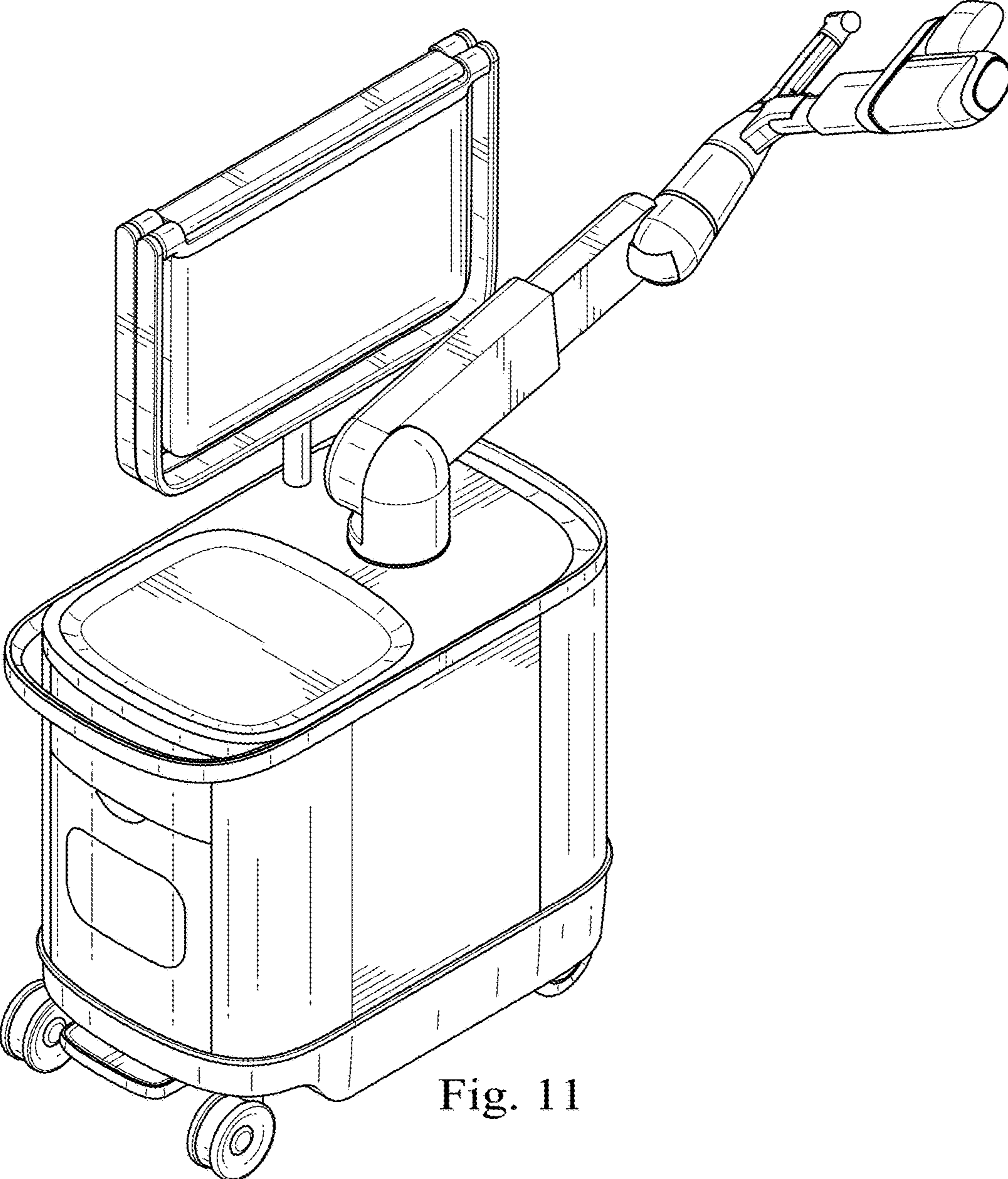


Fig. 11