



US00D529244S

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

(10) **Patent No.:** **US D529,244 S**

(45) **Date of Patent:** **** Sep. 26, 2006**

(54) **HAND OPERATED POWERED SCRUBBING
DEVICE WITH AN ON-BOARD CLEANING
SOLUTION TANK**

5,956,792 A * 9/1999 Gutelius et al. 15/22.2
5,978,999 A * 11/1999 deBlois et al. 15/22.1
D417,789 S * 12/1999 Murphy et al. D4/102
D471,329 S * 3/2003 Heun D32/15

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* cited by examiner

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(**) Term: **14 Years**

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(21) Appl. No.: **29/208,892**

(57) **CLAIM**

(22) Filed: **Jul. 7, 2004**

The ornamental design for a hand operated powered scrubbing device with an on-board cleaning solution tank, as shown and described.

(51) **LOC (8) Cl.** **15-05**

(52) **U.S. Cl.** **D32/19**

(58) **Field of Classification Search** D32/1,
D32/15, 16, 17, 19, 20, 21, 22, 18, 25, 31;
15/23, 28, 32, 34, 21.1, 22.1, 22.2, 97.1;
D4/102, 100, 127, 129; D8/61, 62
See application file for complete search history.

DESCRIPTION

(56) **References Cited**

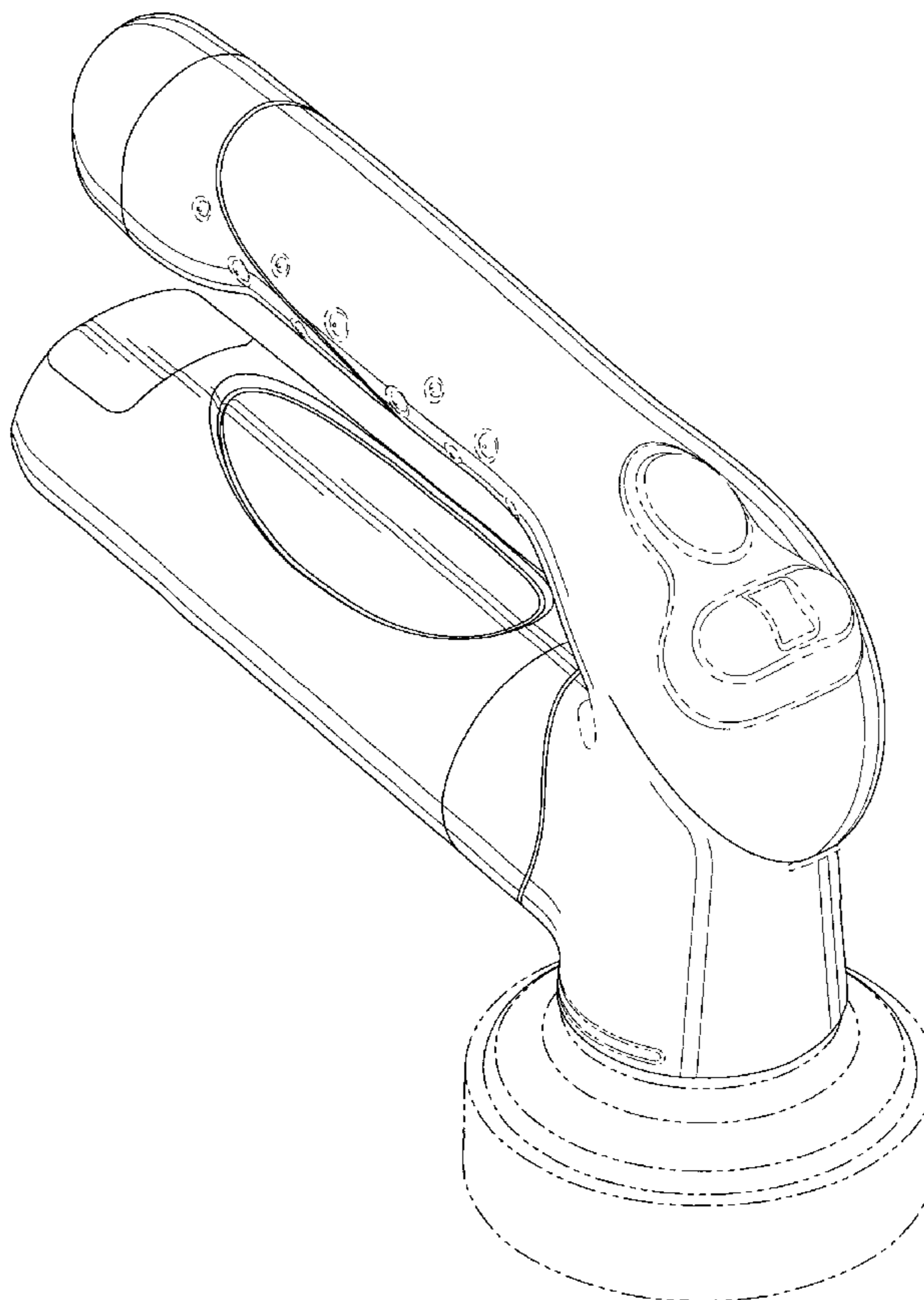
U.S. PATENT DOCUMENTS

D330,151 S * 10/1992 Fisher D8/62
5,187,827 A * 2/1993 Wei 15/22.1
D354,424 S * 1/1995 Izumisawa D8/62
D368,343 S * 3/1996 Gebhard et al. D32/35
D413,445 S * 9/1999 deBlois et al. D4/138

FIG. 1 is a perspective view of the a hand operated powered scrubbing device with an on-board cleaning solution tank taken from the front and one side;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view;
FIG. 5 is a bottom view;
FIG. 6 is a side view; and,
FIG. 7 is an opposite side view.

The broken line showing is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



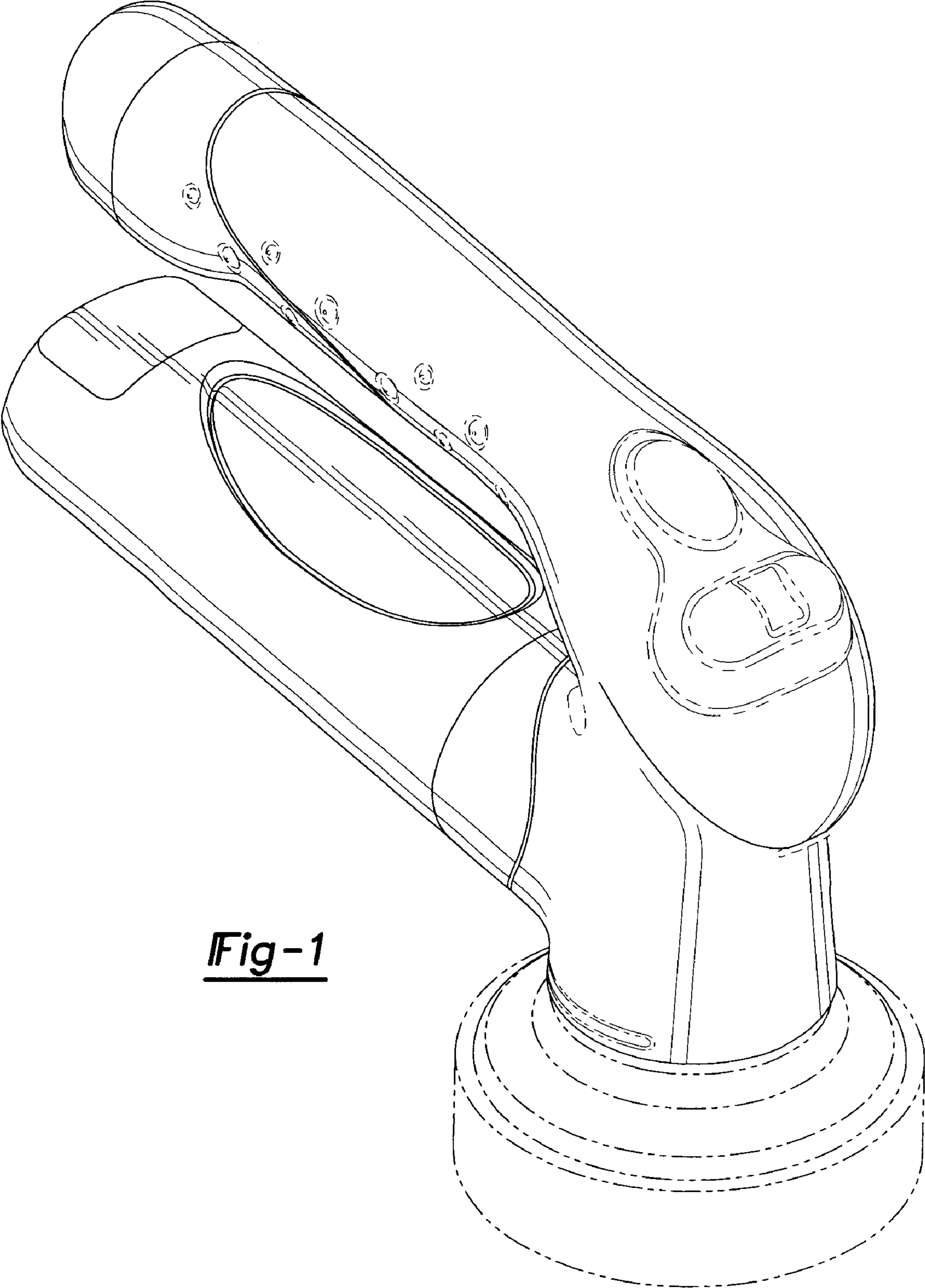


Fig-1

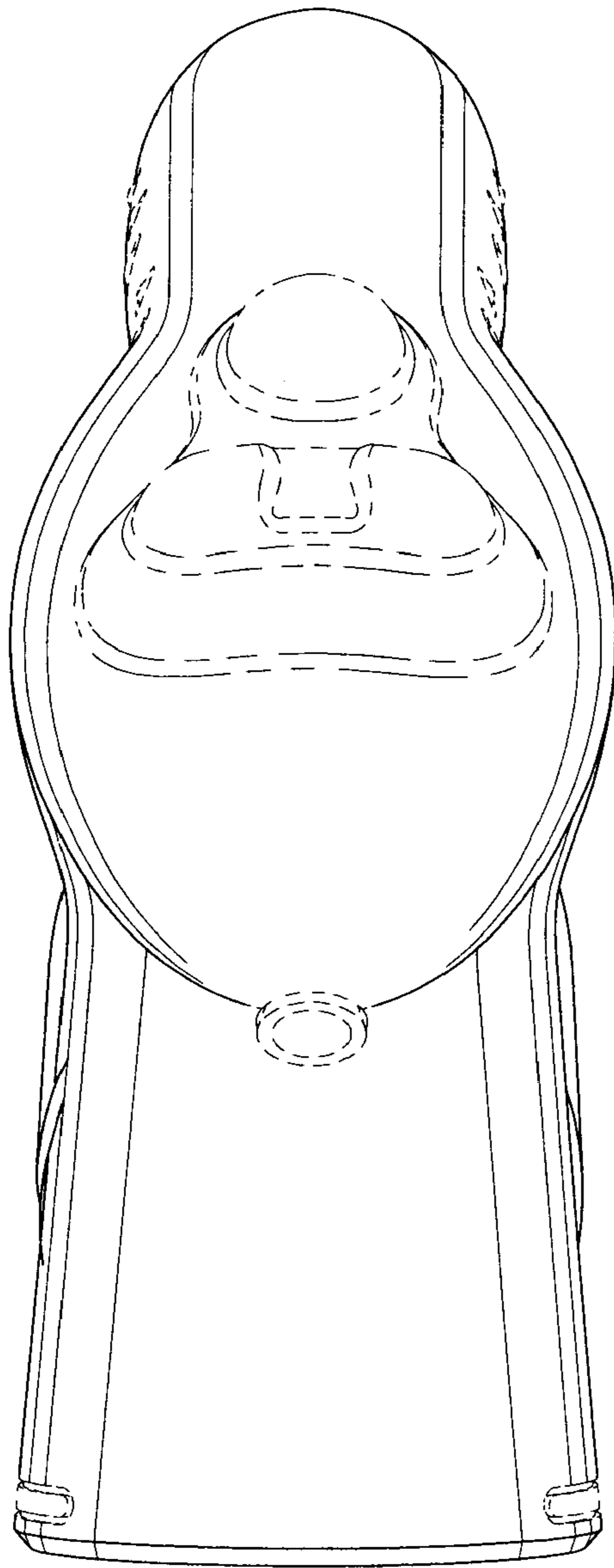


Fig-2

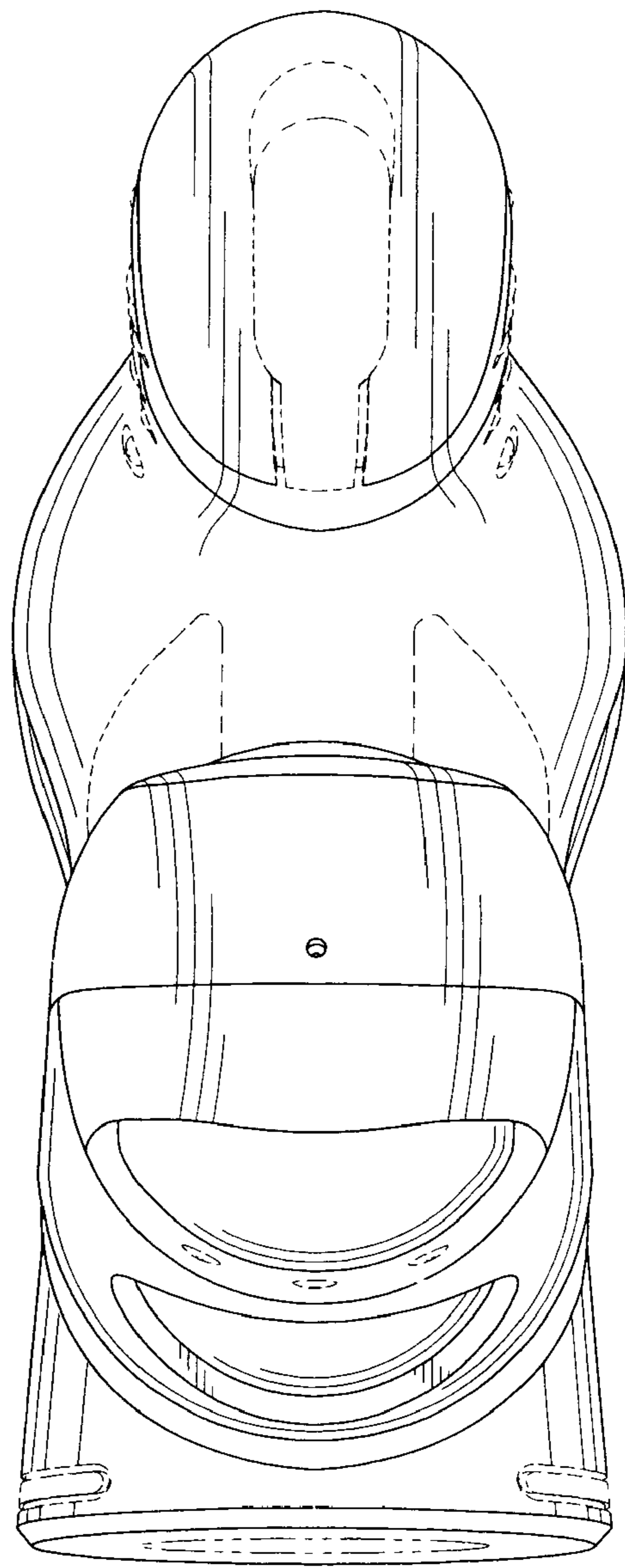


Fig-3

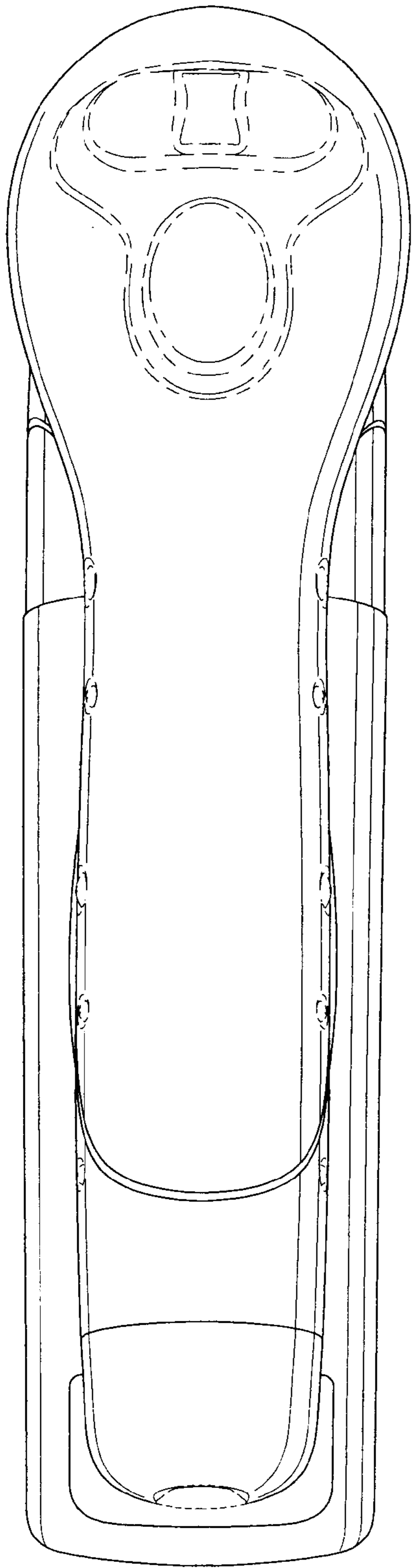


Fig-4

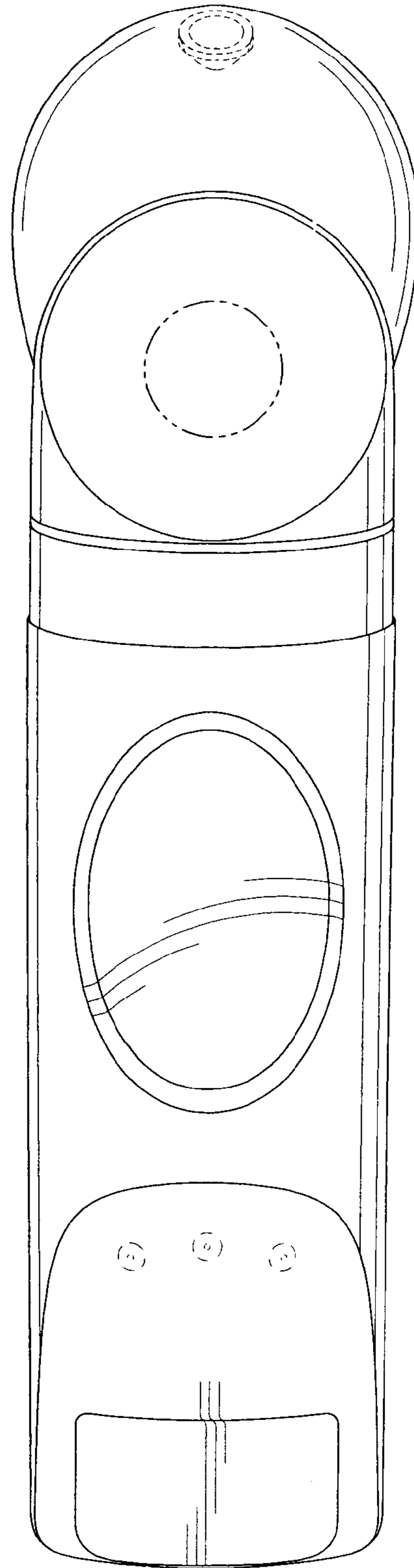


Fig-5

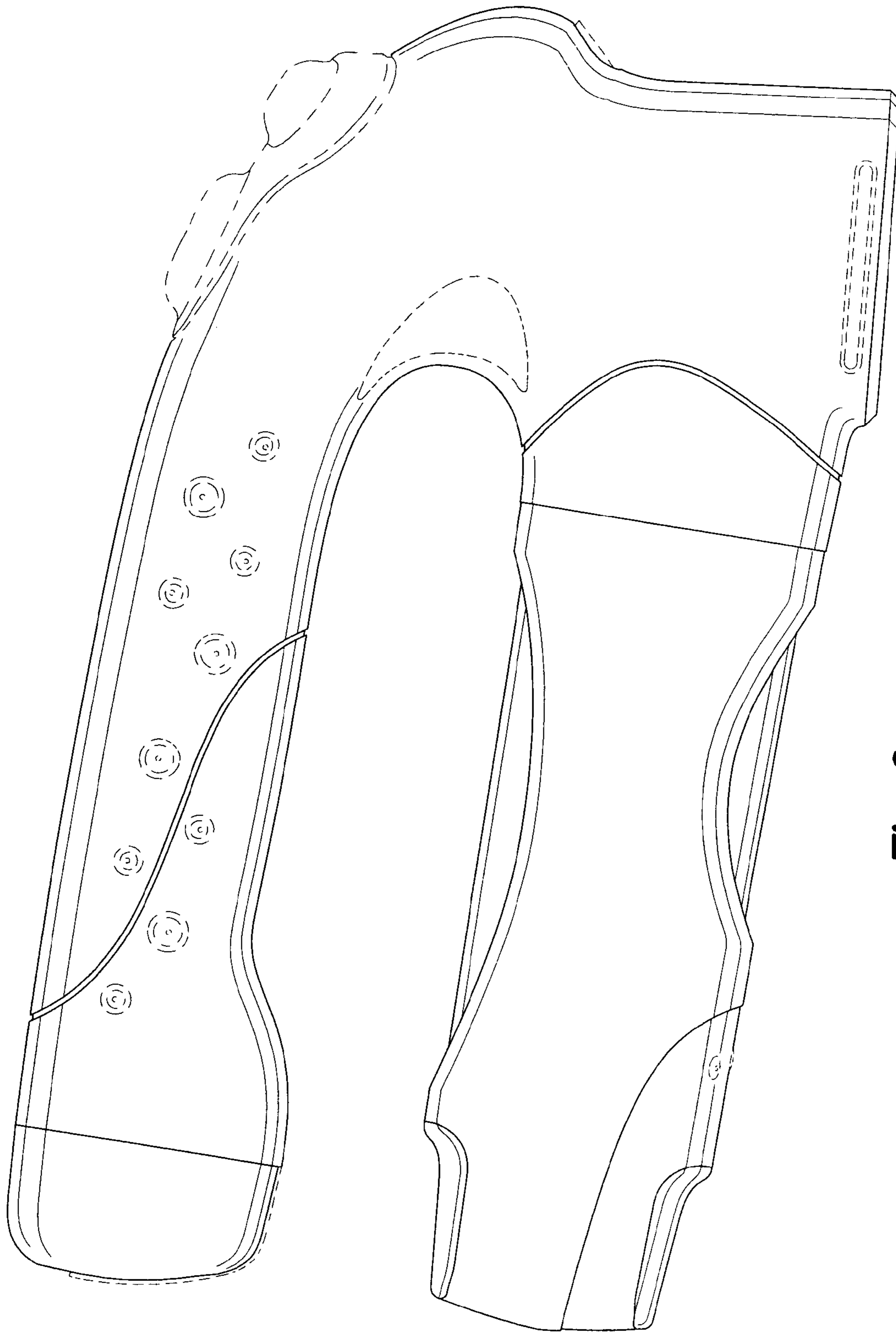


Fig-6

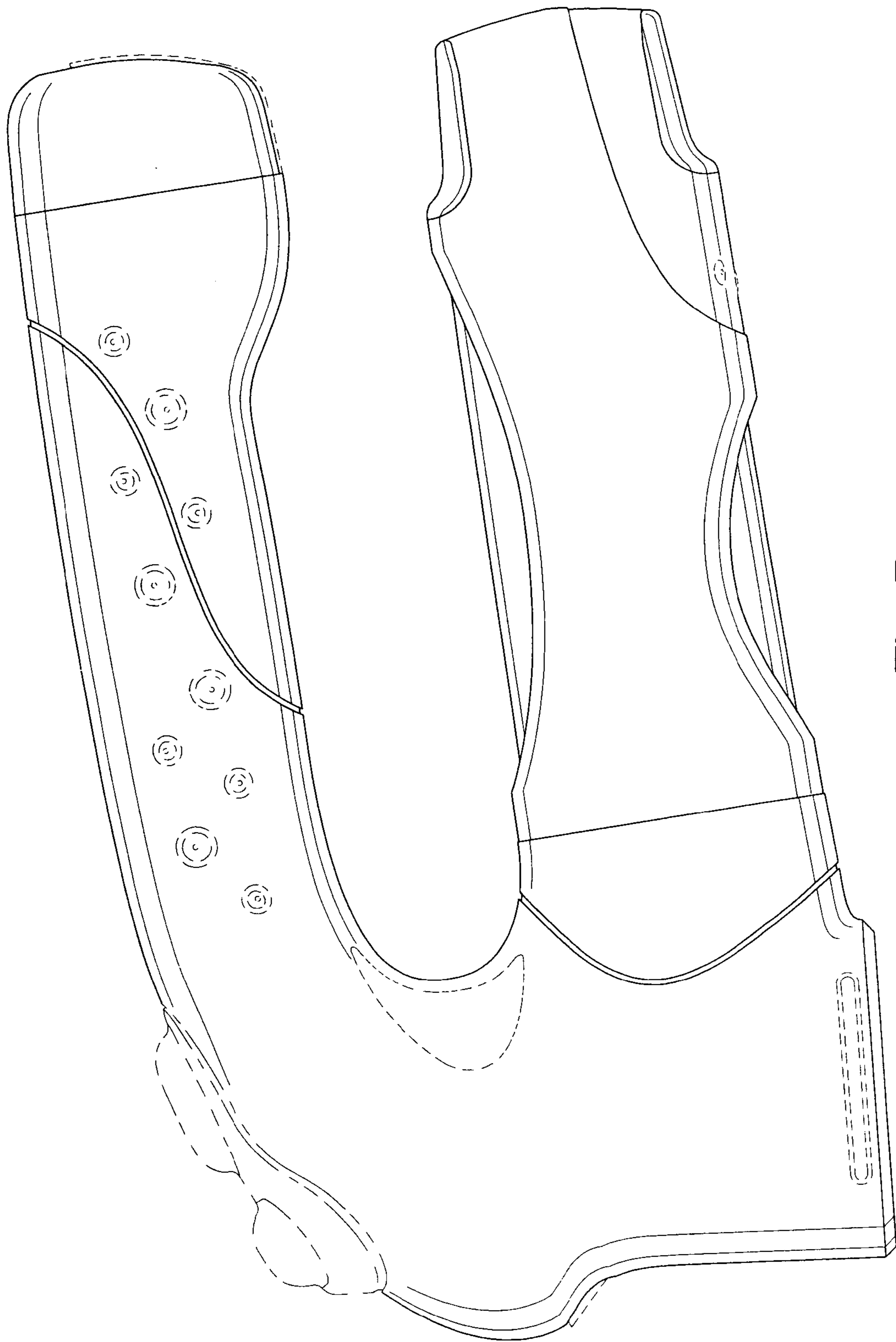


Fig-7