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

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(54) **VACUUM CLEANER**

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

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(51) **LOC (9) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/22**

(58) **Field of Classification Search**  
USPC ..... D32/22, 30-31, 34; 55/429, 337, 55/DIG. 3; 15/410, 347, 328, 350, 352, 15/353, 361, DIG. 8, 246.2, 320  
See application file for complete search history.

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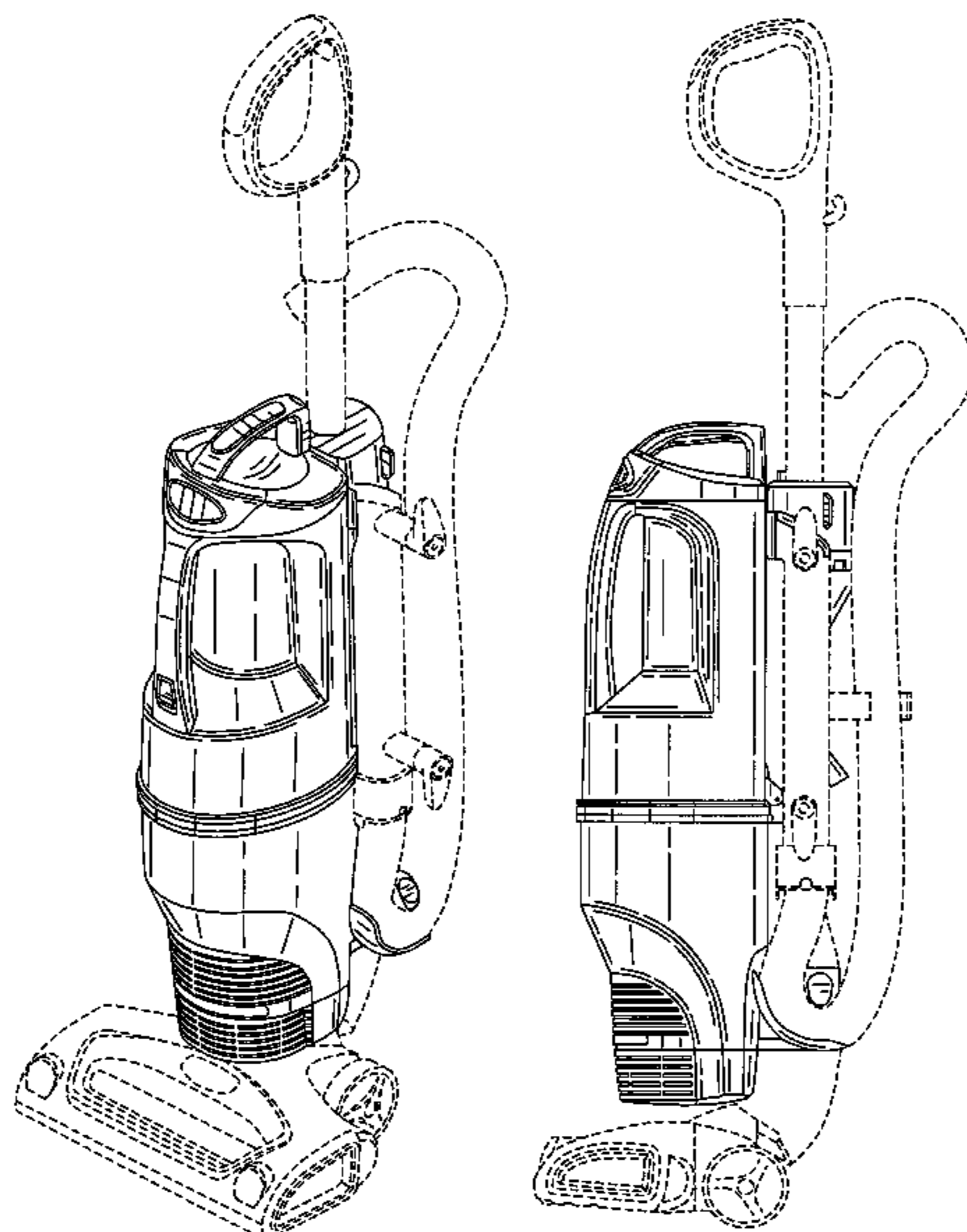
(57) **CLAIM**

I claim the ornamental design for a vacuum cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner in accordance with the present design;  
FIG. 2 is a left side elevational view thereof;  
FIG. 3 is a right side elevational view thereof;  
FIG. 4 is a front perspective view thereof;  
FIG. 5 is a rear perspective view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



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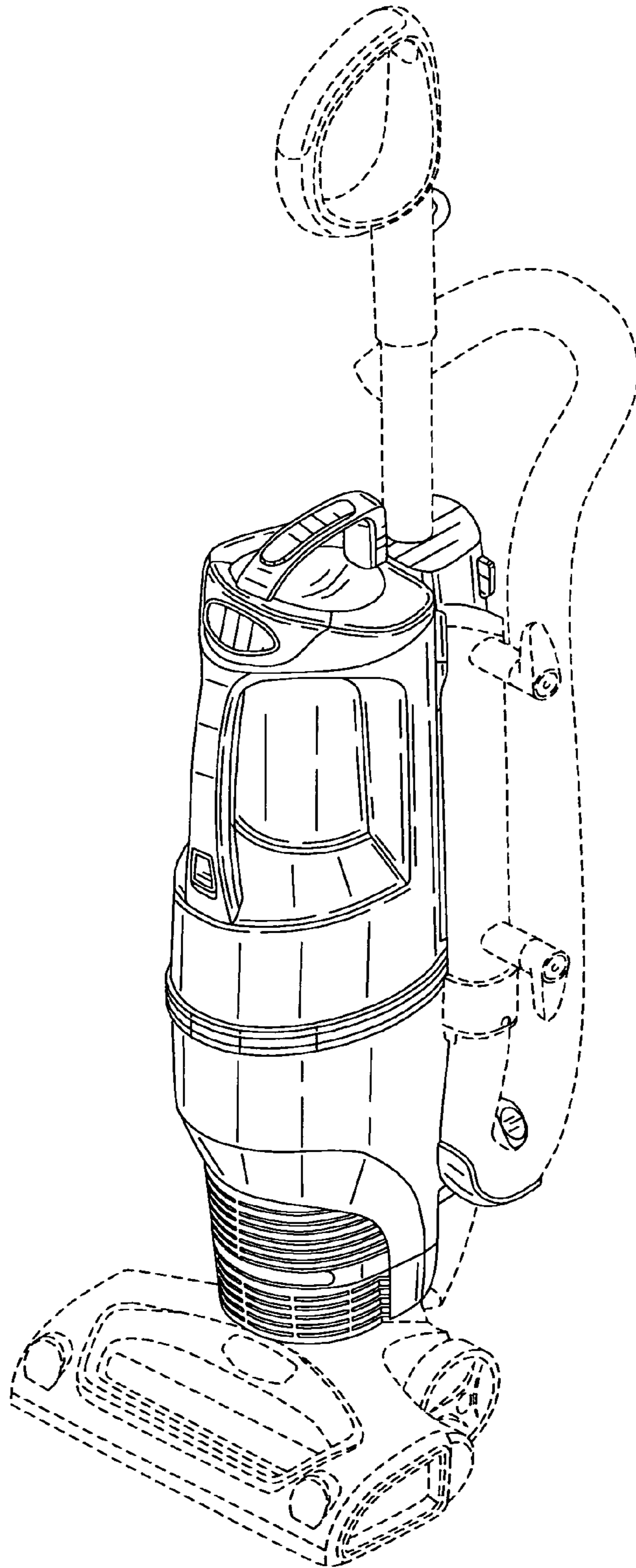
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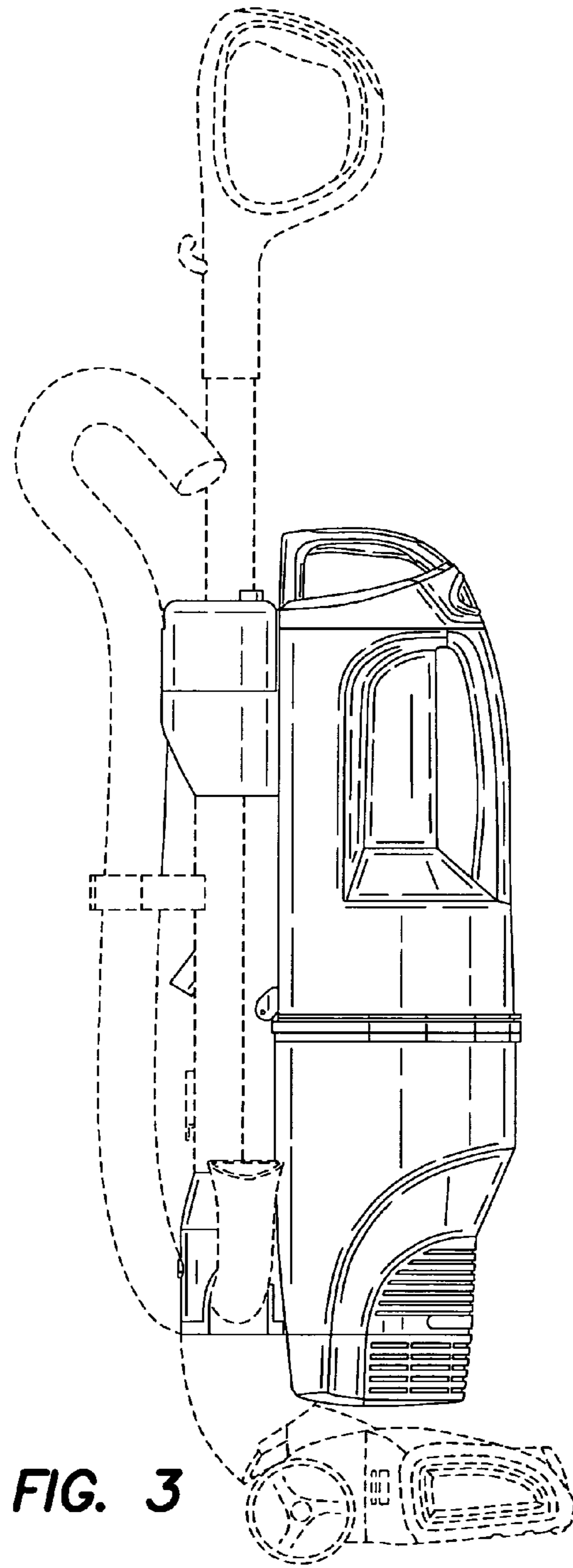
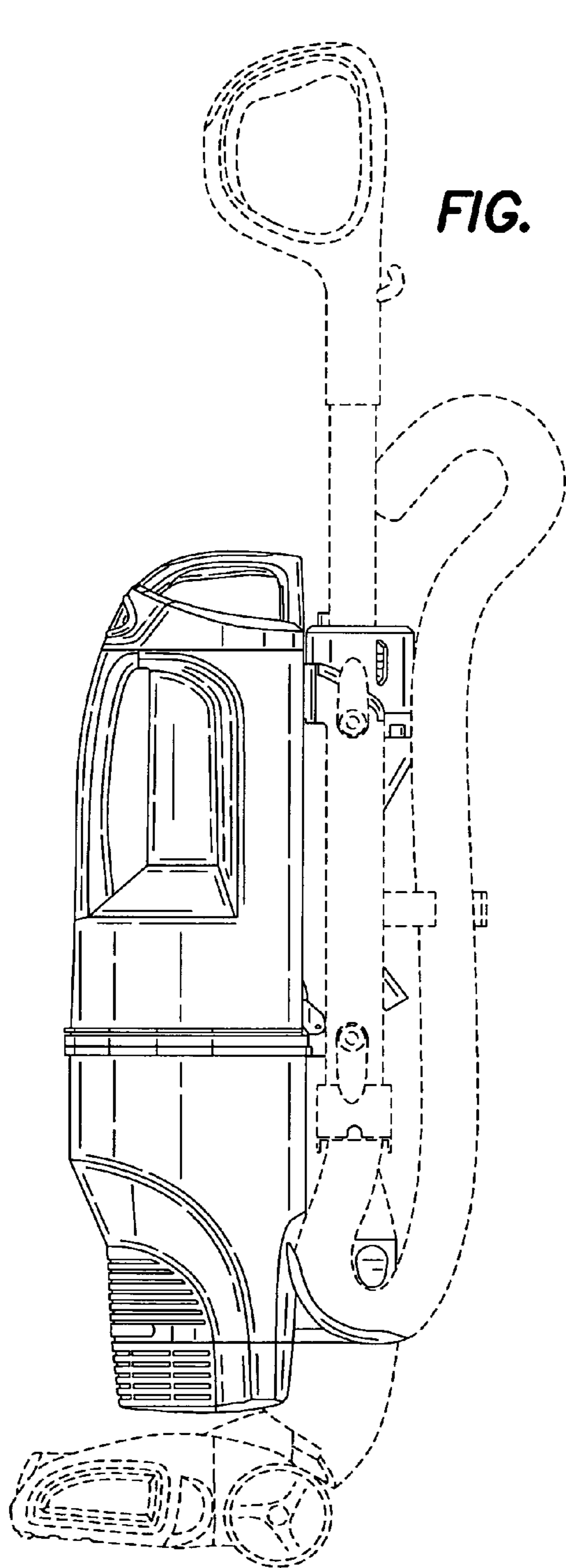
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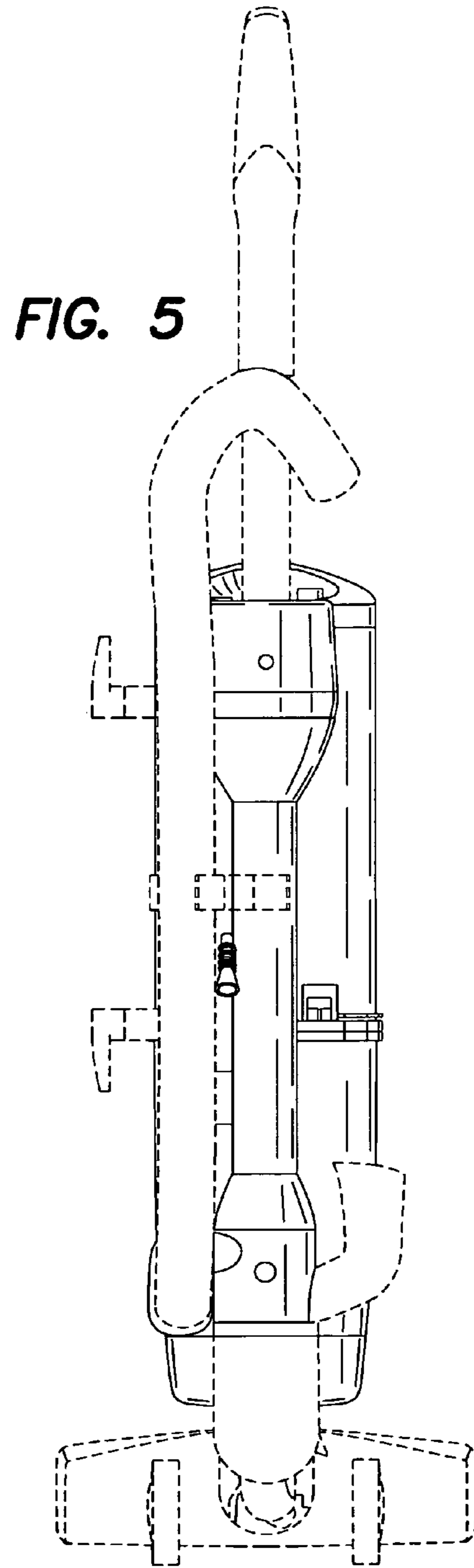
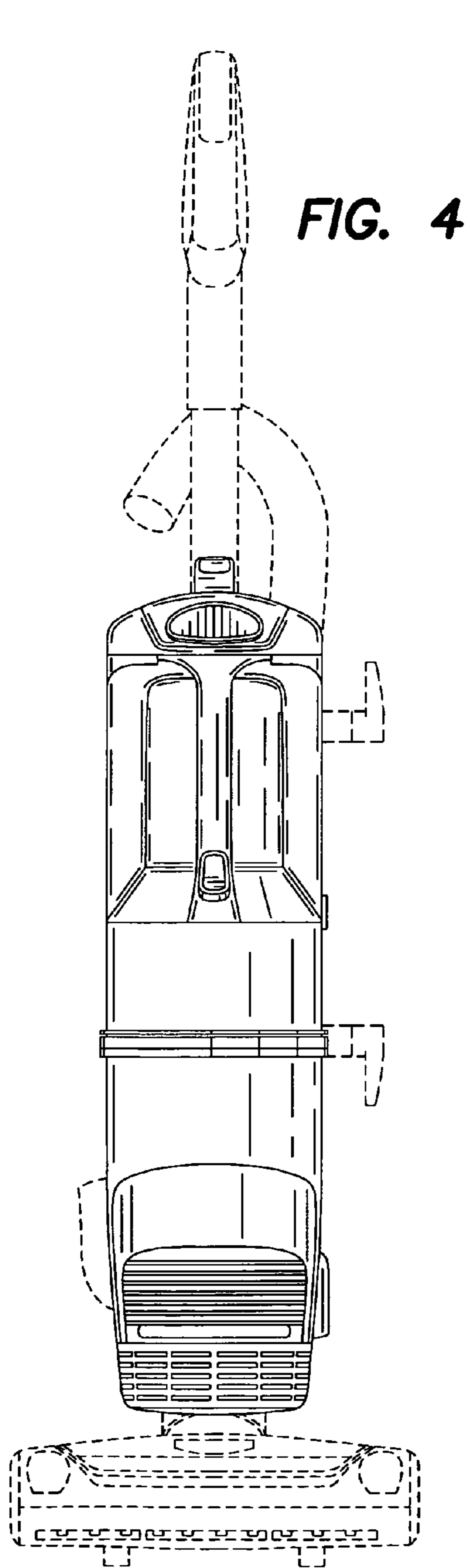
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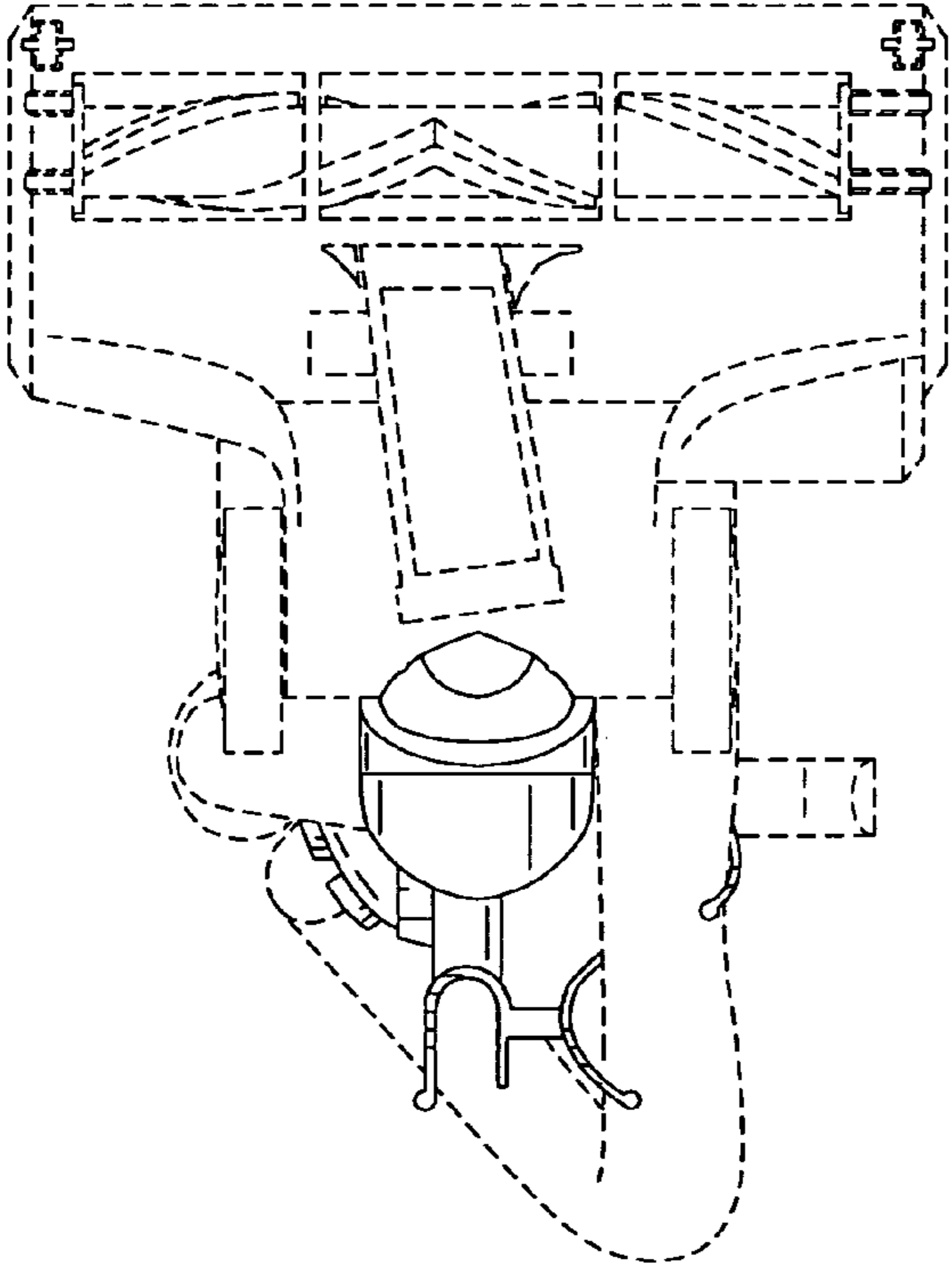
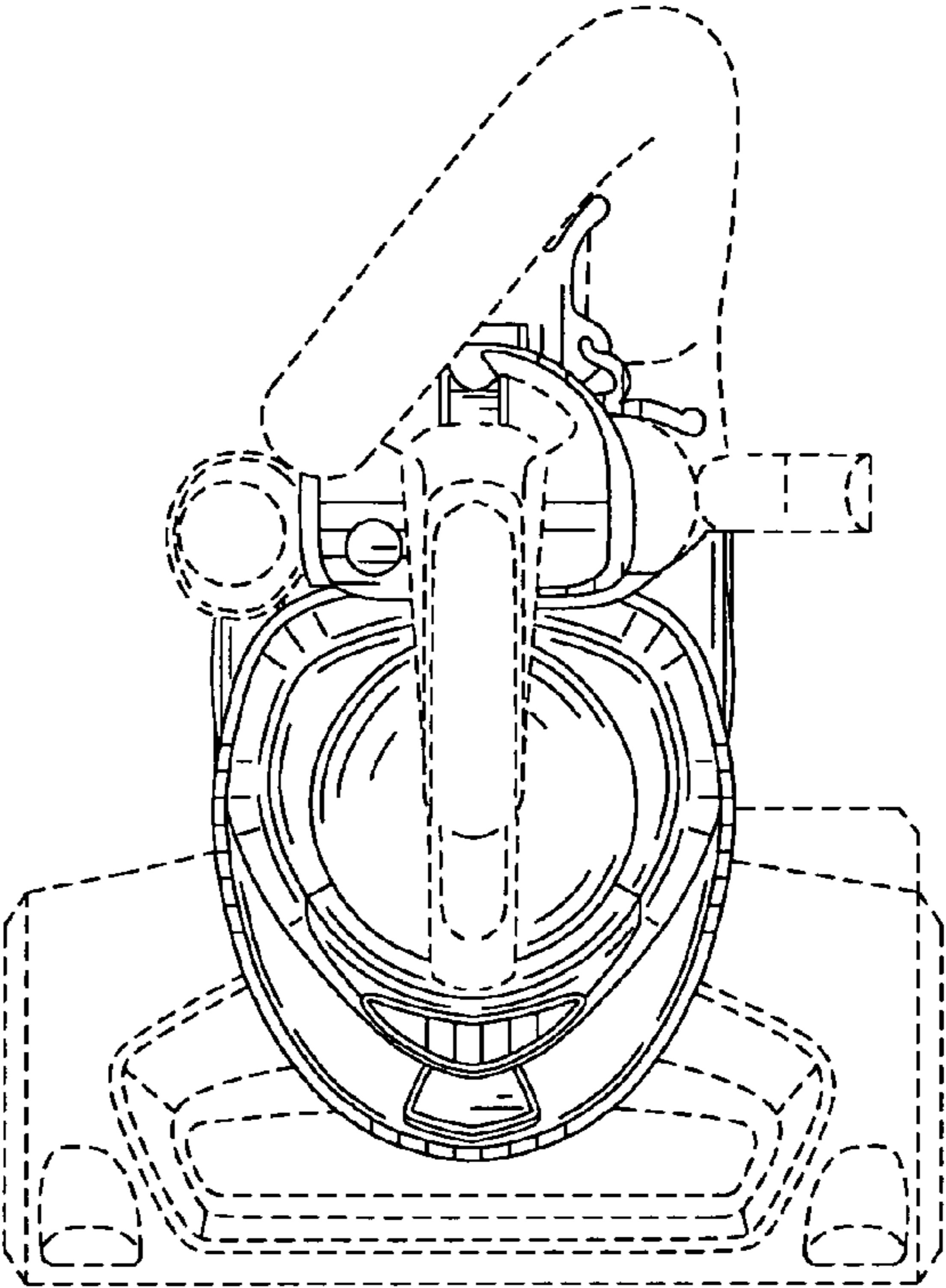


**FIG. 1**





**FIG. 6**



**FIG. 7**