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

(10) **Patent No.:** **US D530,869 S**

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(54) **VACUUM CLEANER**

(76) **Inventor:** **Peter Chen**, Room 4C-23, No. 5, Sec. 5, Sinyi Rd., Taipei (TW)

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

(21) **Appl. No.:** **29/229,001**

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

(52) **U.S. Cl.** ..... **D32/21**

(58) **Field of Classification Search** ..... D32/15, D32/17, 21, 23, 24, 31; 15/320, 321, 327.1, 15/327, 2, 327.4, 327.6, 327.7, 353, 329; 134/105, 198, 21; 392/403; 8/149.3; 55/315, 55/428-429, 482, 472; 68/5 R, 5 A, 5 B, 68/222

See application file for complete search history.

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*Primary Examiner*—Ruth McInroy

(74) *Attorney, Agent, or Firm*—Alan D. Kamrath; Nikolai & Mersereau, P.A.

(57) **CLAIM**

The ornamental design for a vacuum cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner, showing my new design;

FIG. 2 is a front elevational view thereof, wherein the rear elevational view is a mirror image;

FIG. 3 is a left elevational view thereof;

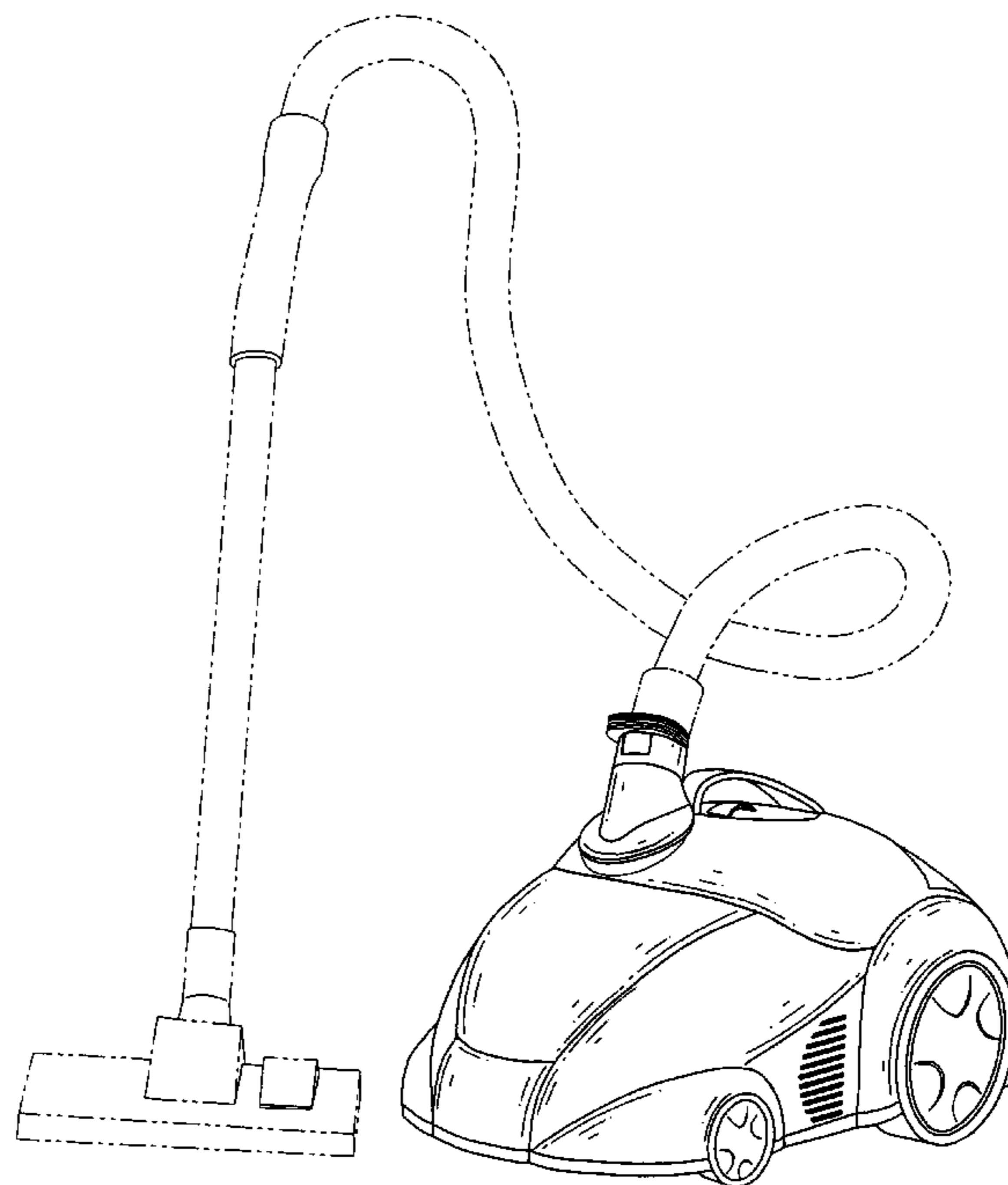
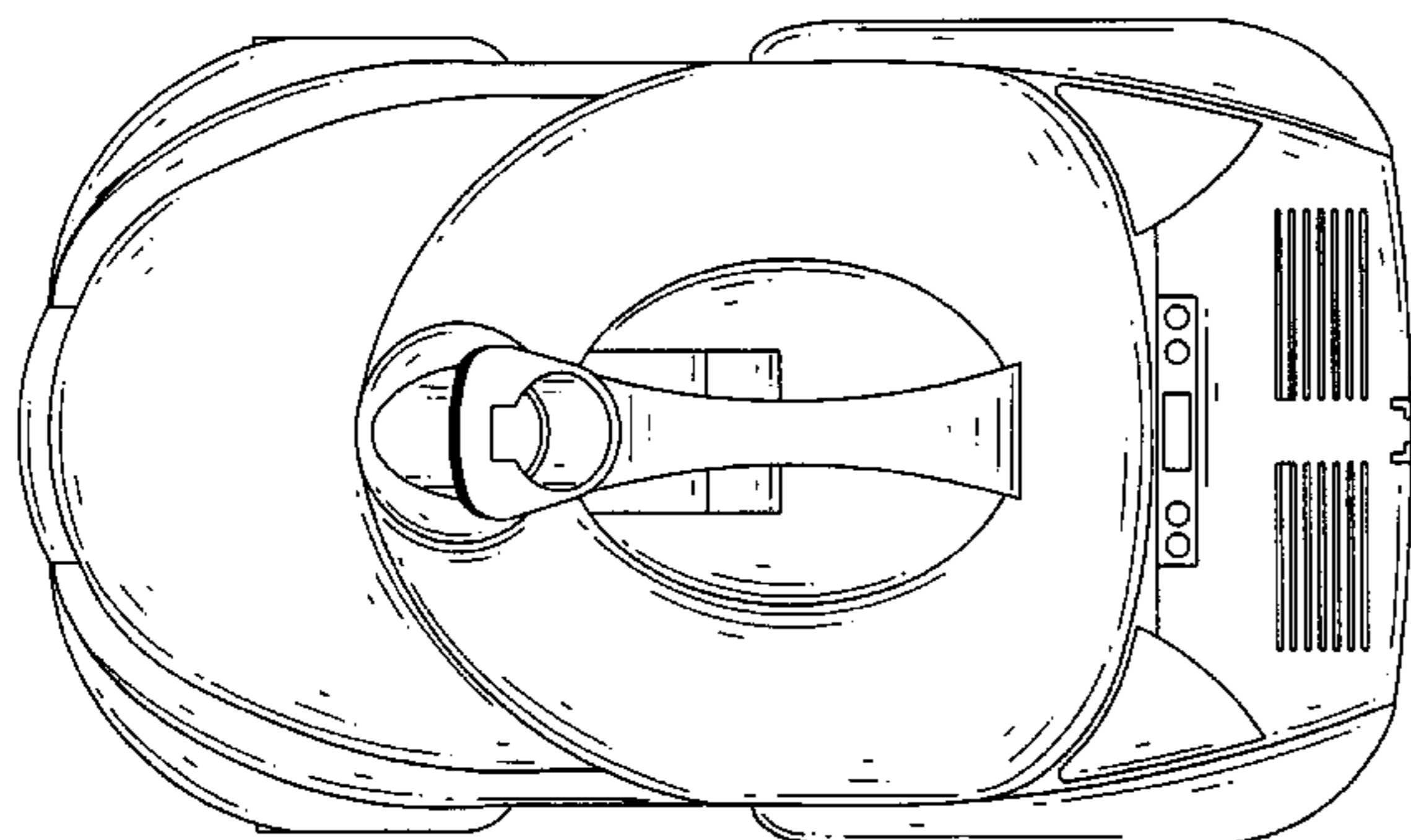
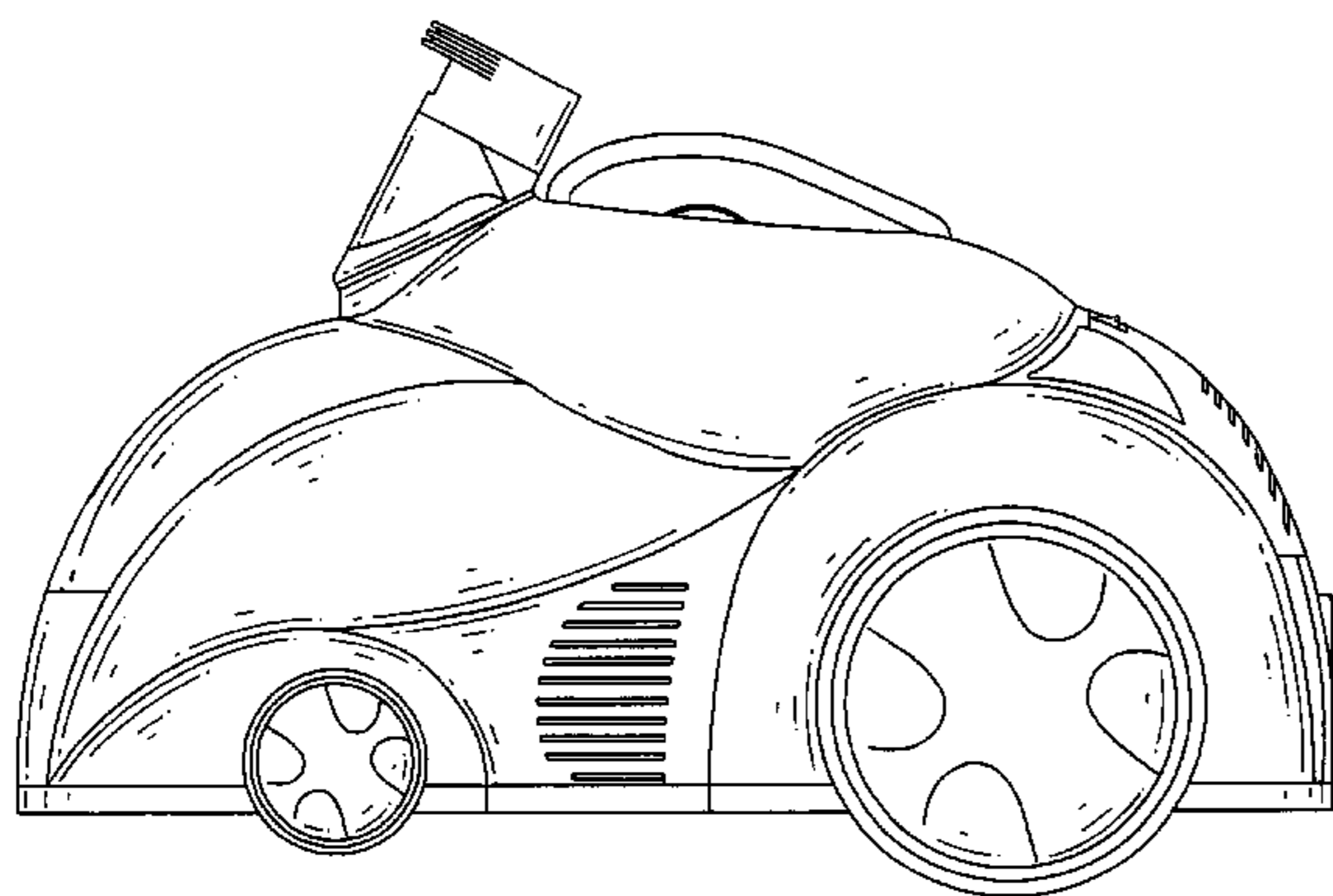
FIG. 4 is a right elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof; and,

FIG. 7 is a perspective view thereof, the elements shown in broken lines are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



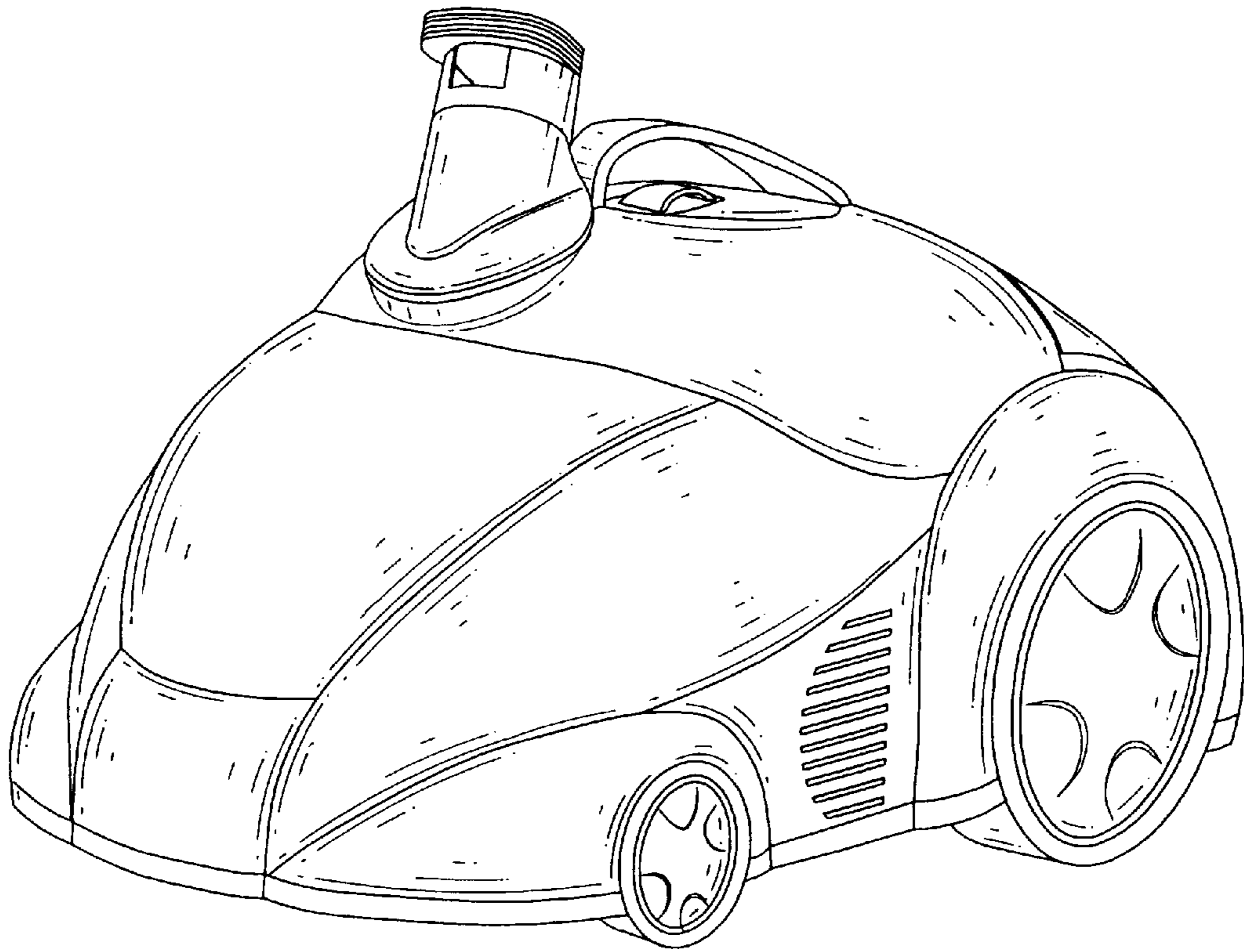


FIG. 1

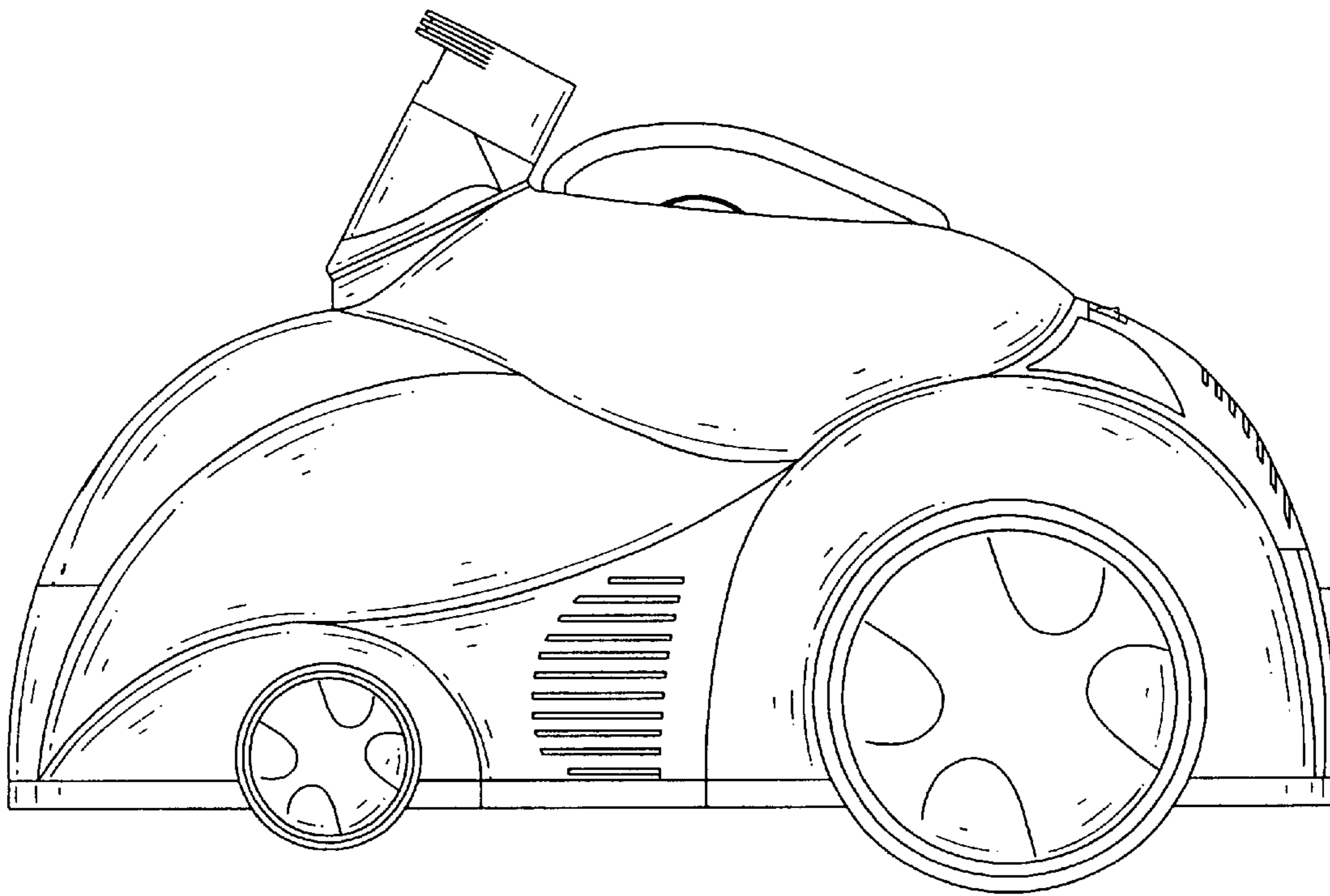


FIG.2

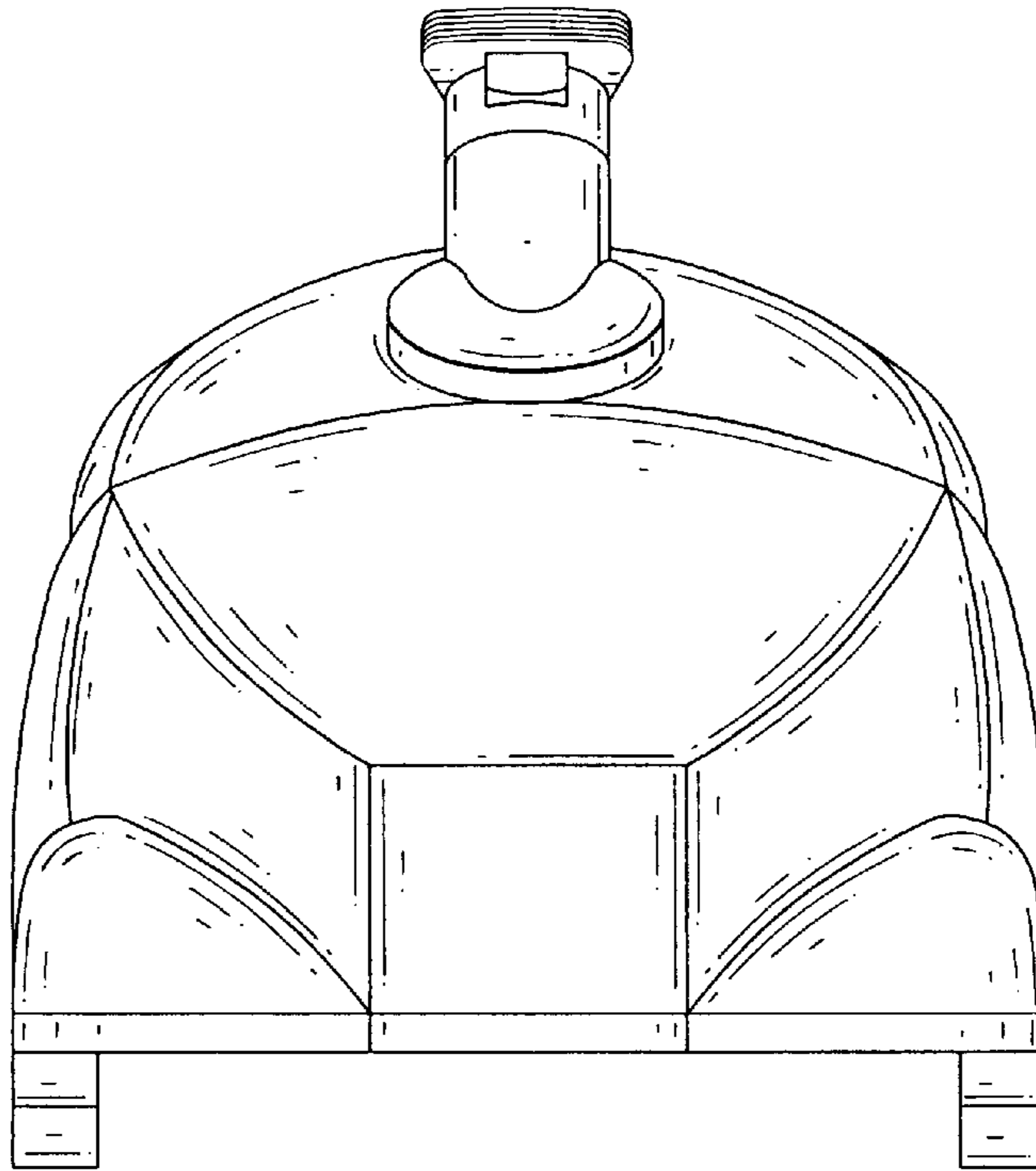


FIG.3

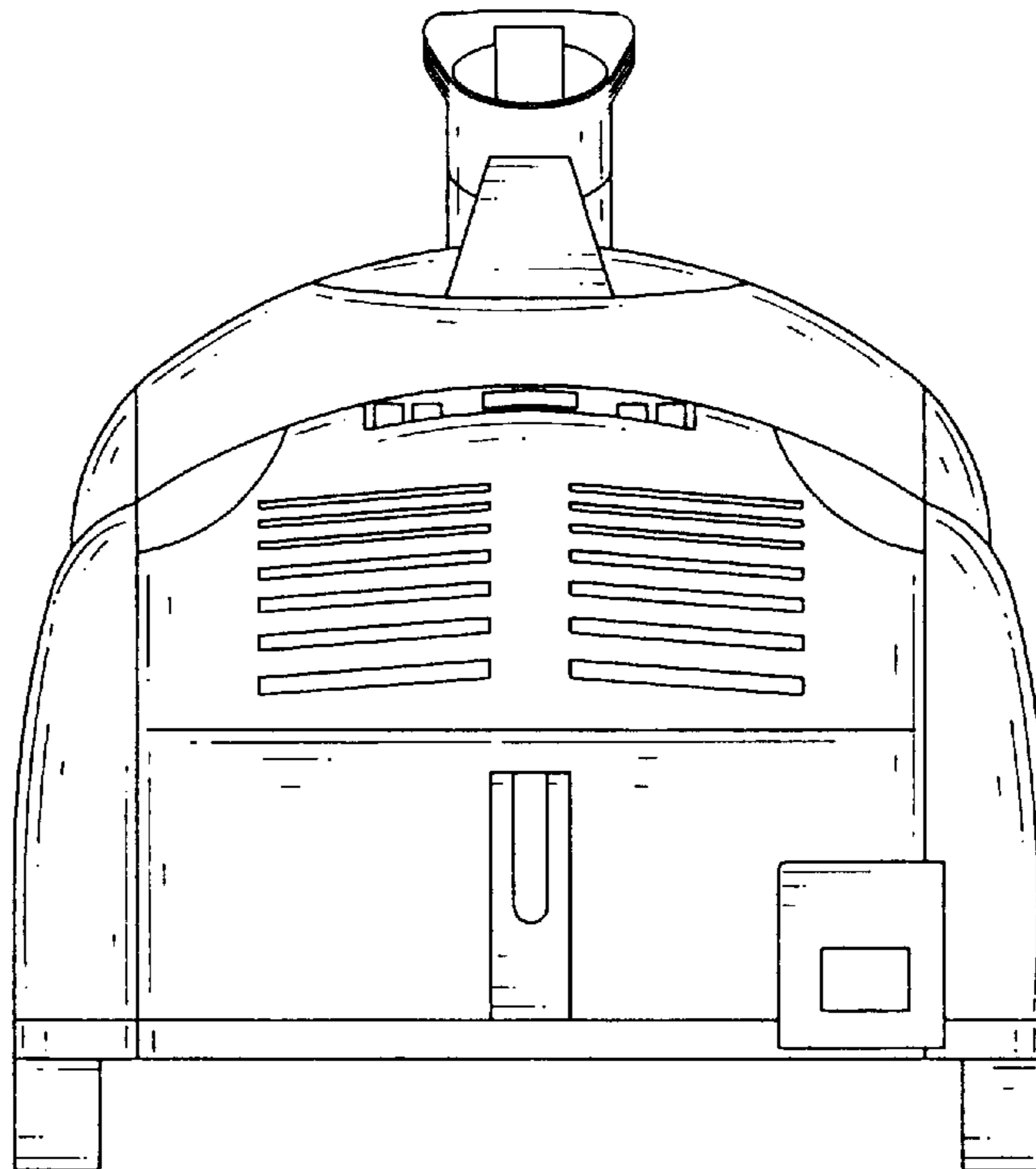


FIG.4

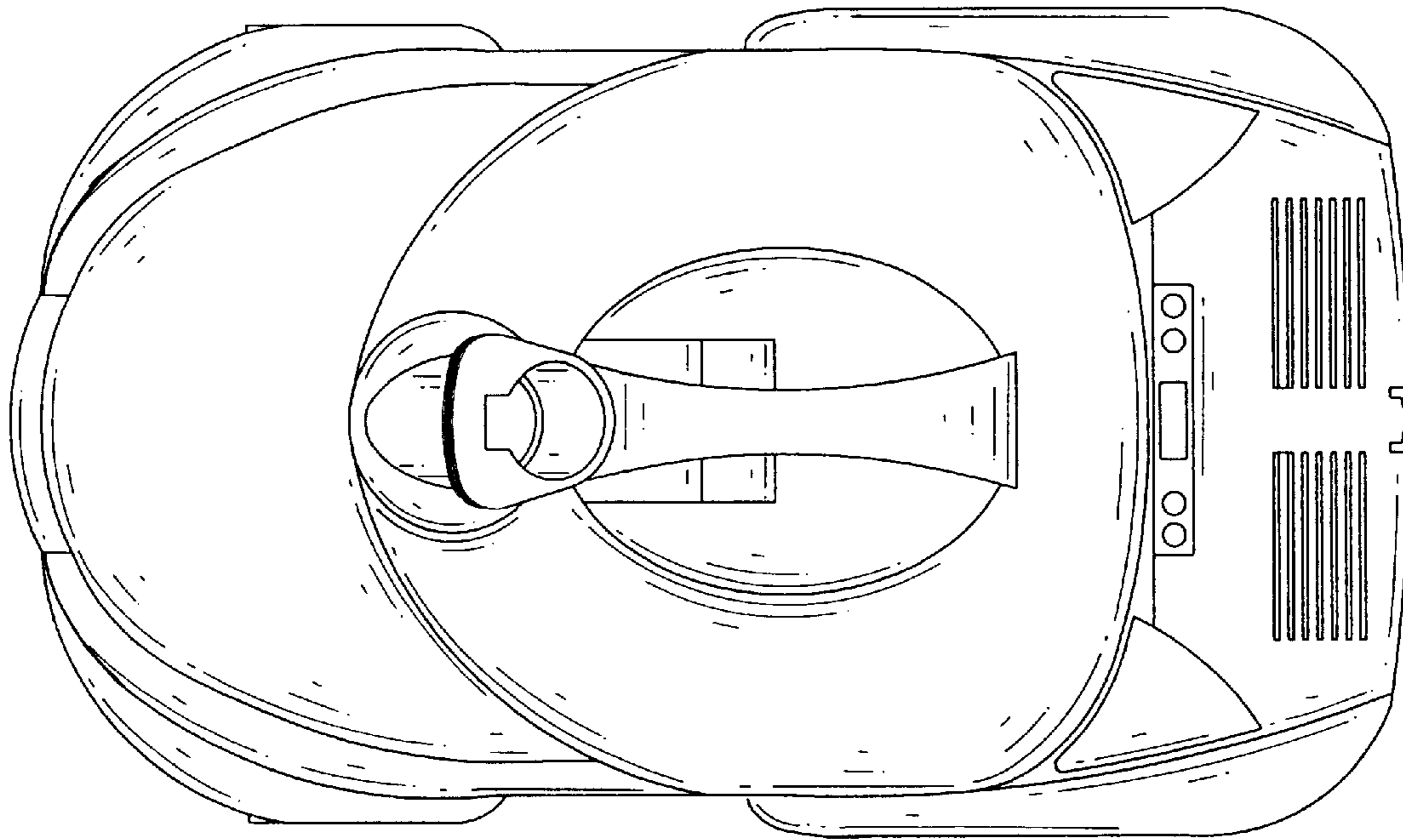


FIG. 5

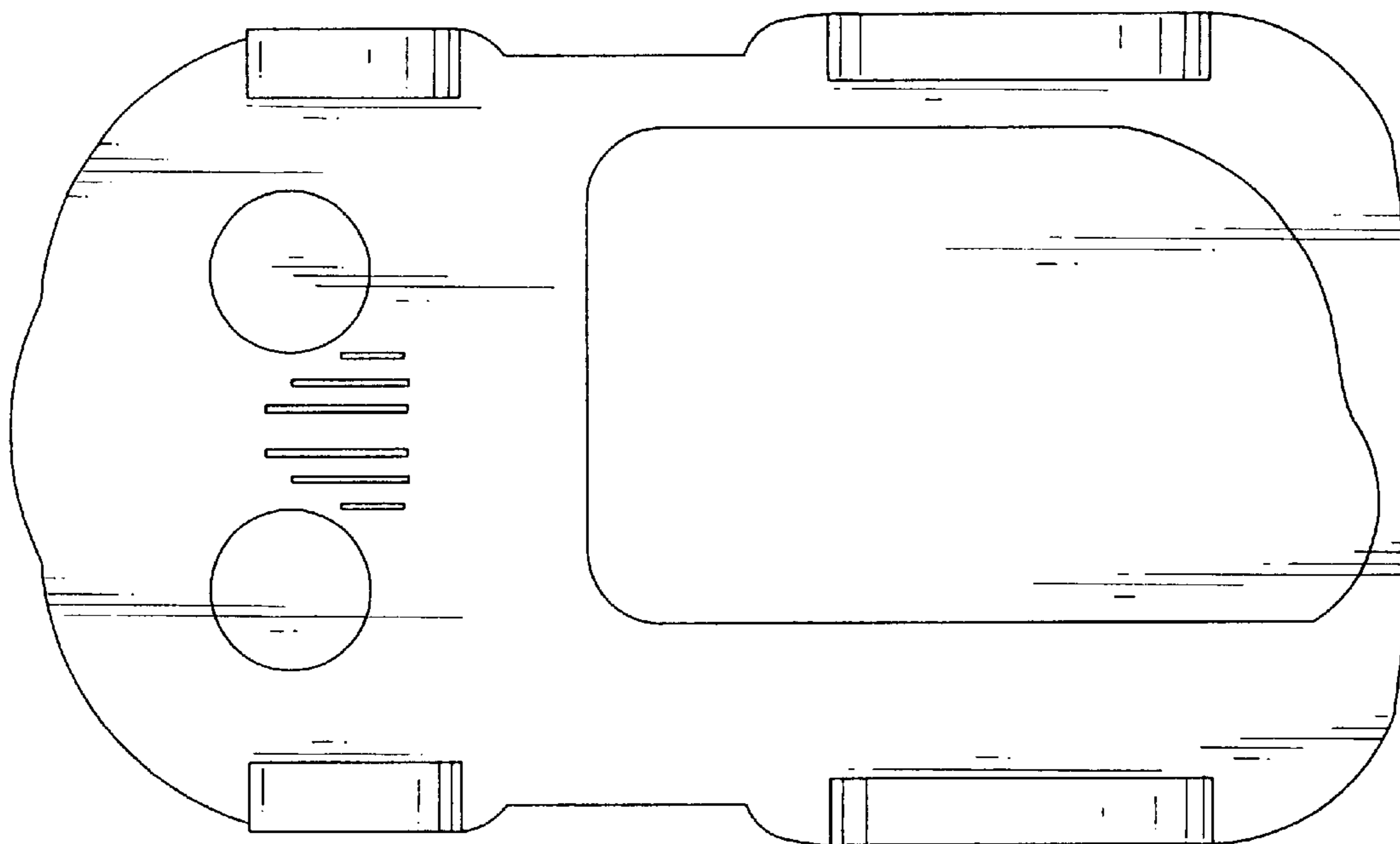


FIG. 6

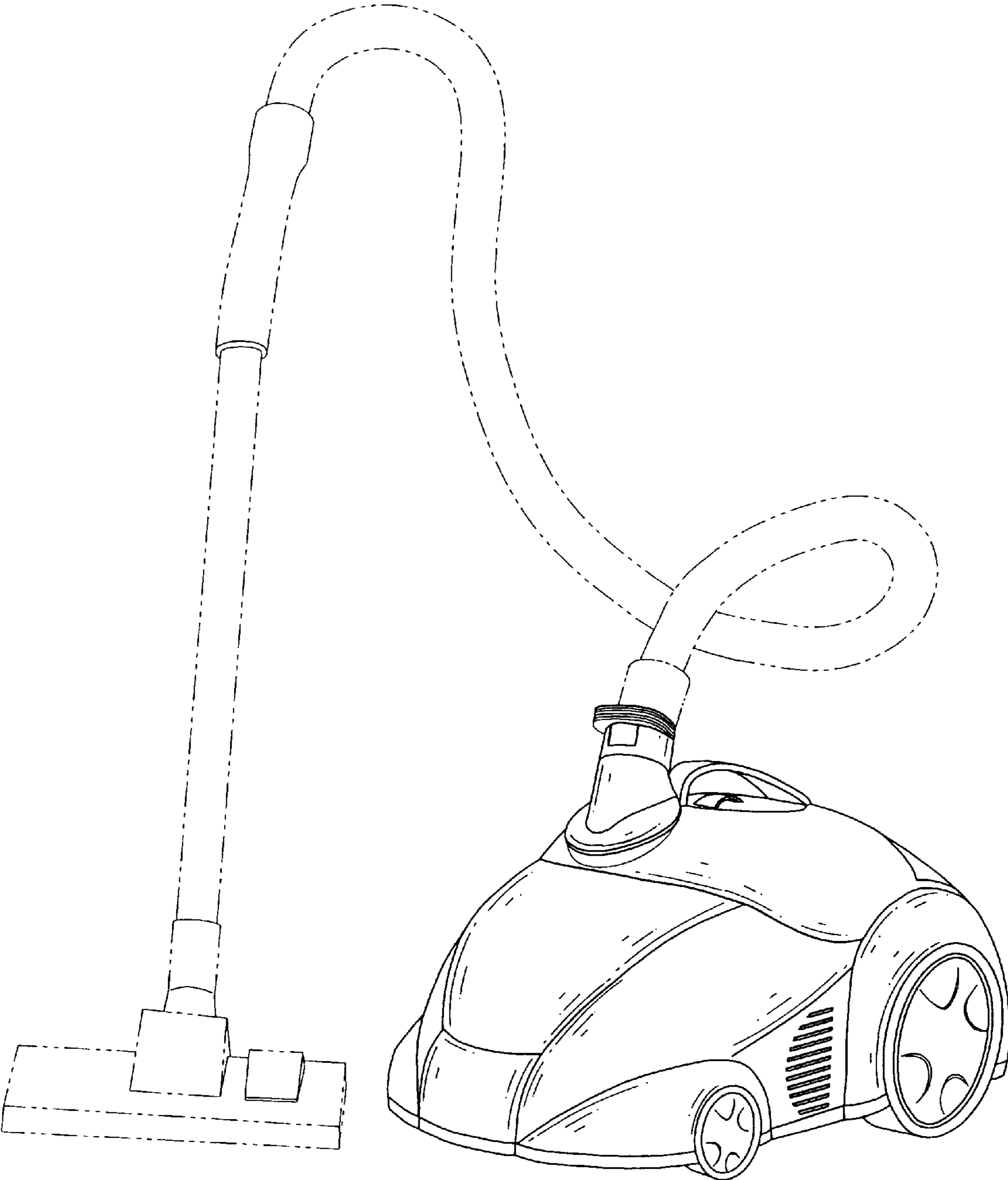


FIG.7