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

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(54) **VACUUM CLEANER**

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(73) Assignee: **Samsung Electronics Co., Ltd.**, Suwon (KR)

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

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(22) Filed: **Sep. 8, 2006**

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

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

(58) **Field of Classification Search** ..... D32/21,  
D32/23-24, 31; 15/301, 320-321, 323, 327.1-327.4,  
15/327.6-327.7, 329, 347, 352-353, 412;  
55/337, 429, 345; 95/271; 210/512.1, 512.2  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D399,617 S *	10/1998	Fujita	.....	D32/21
6,615,447 B2 *	9/2003	Rew	.....	15/412
D485,653 S *	1/2004	Warburton	.....	D32/21
D520,196 S *	5/2006	Liu	.....	D32/21
D520,198 S *	5/2006	Sung	.....	D32/21
D523,194 S *	6/2006	Choi	.....	D32/21
D531,768 S *	11/2006	Lee	.....	D32/21

2005/0268428 A1\* 12/2005 Shimizu ..... 15/353

\* cited by examiner

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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 as seen from the top, front, and left side of a vacuum cleaner showing my 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;

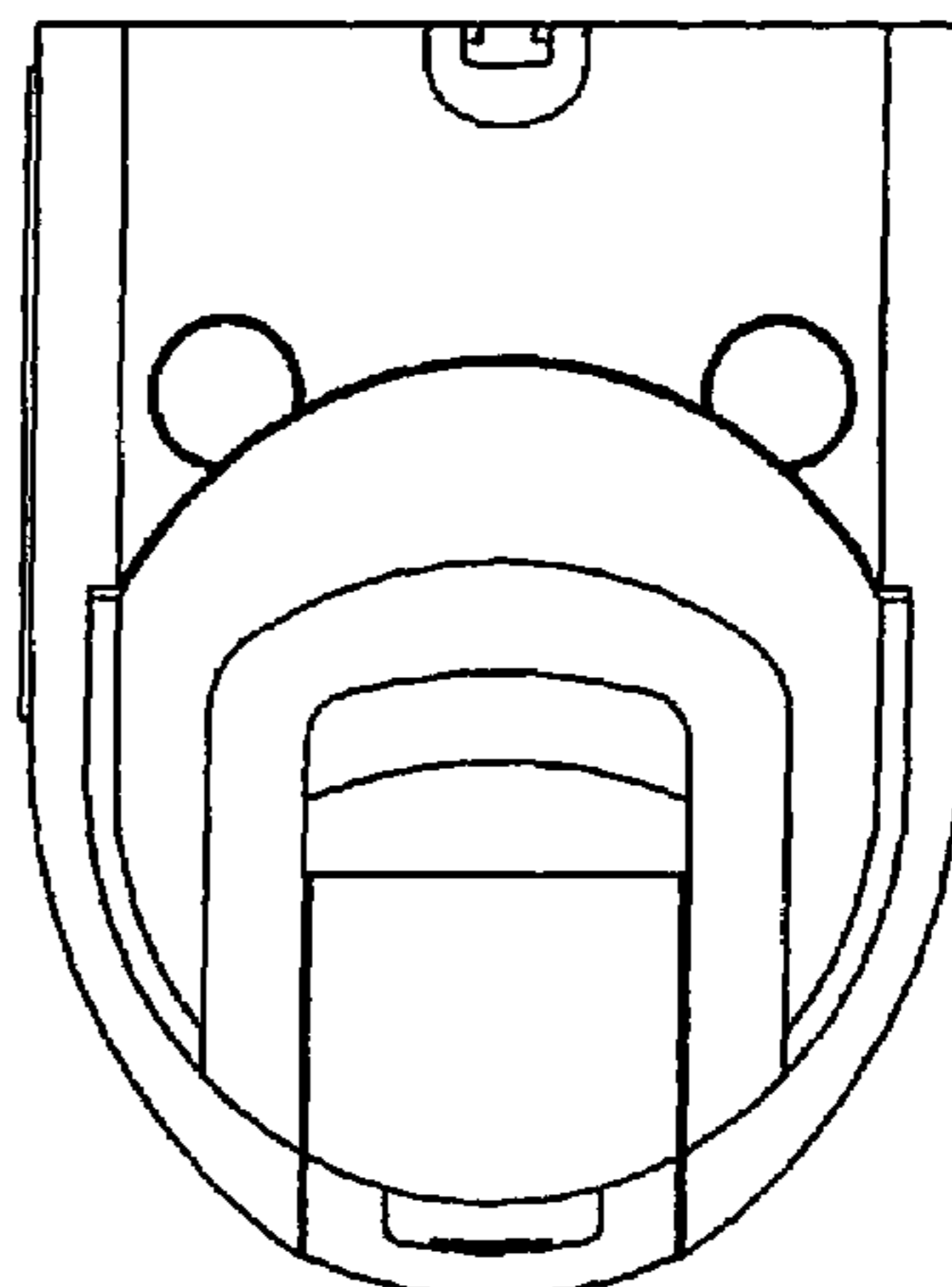
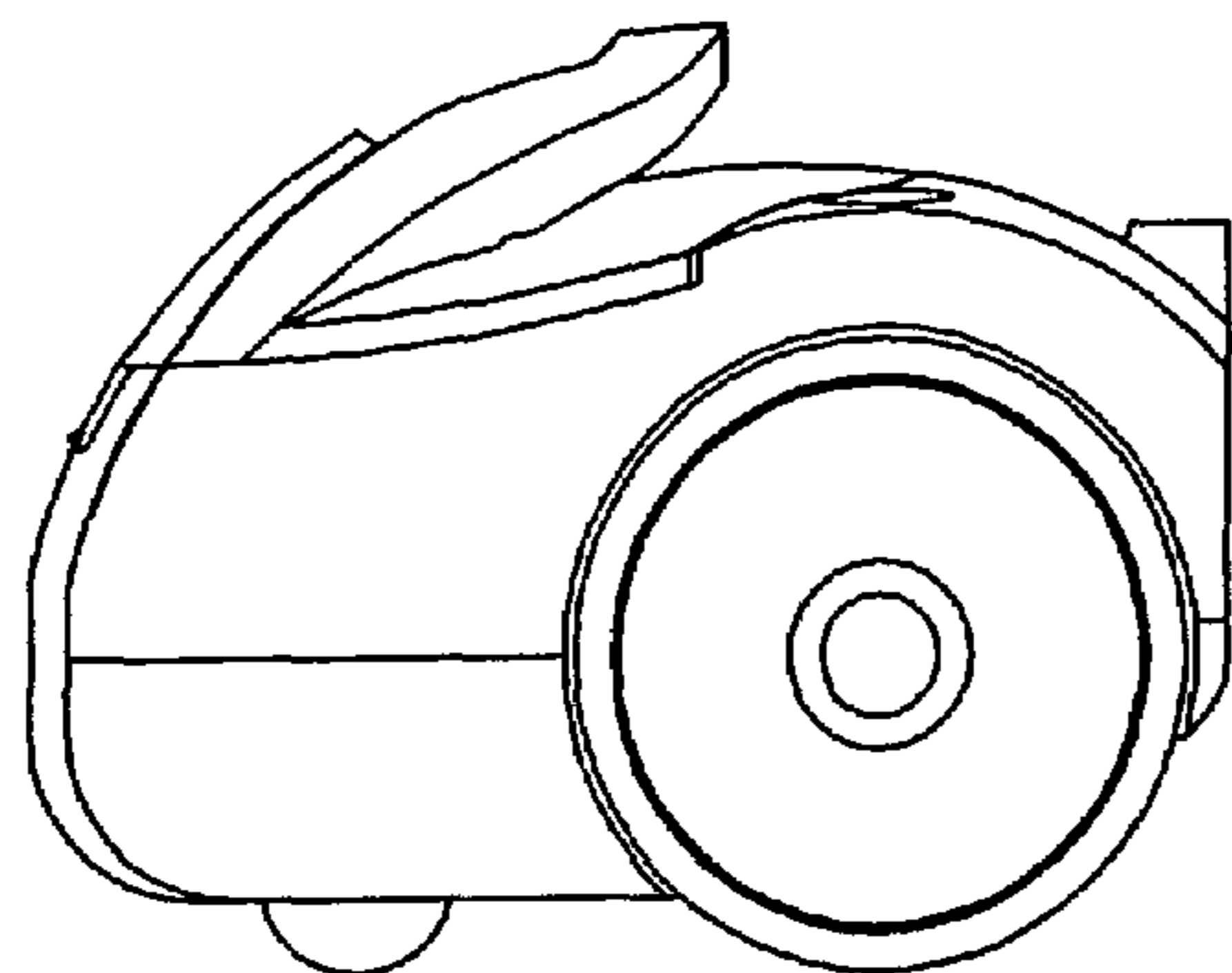
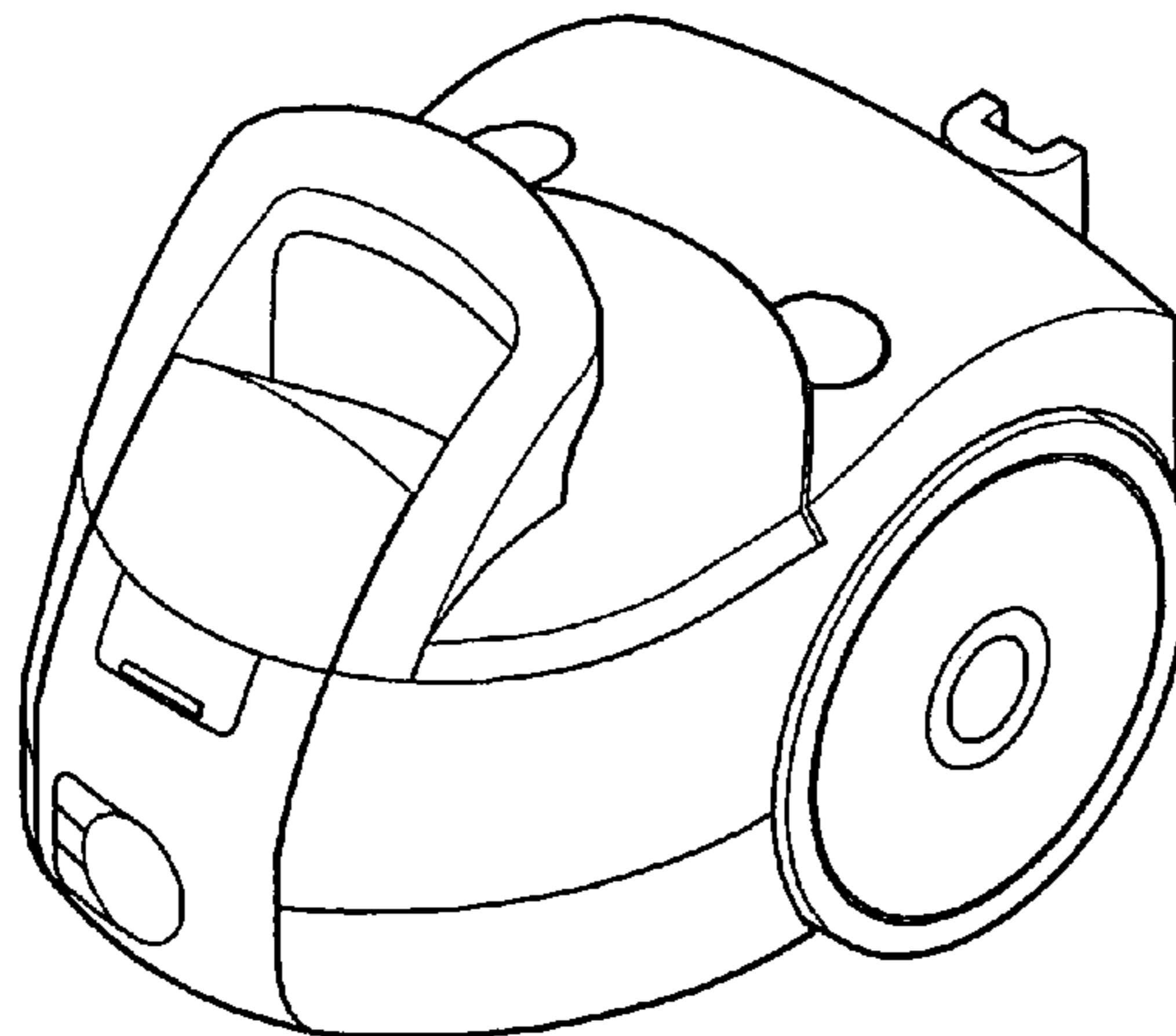
FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof; and,

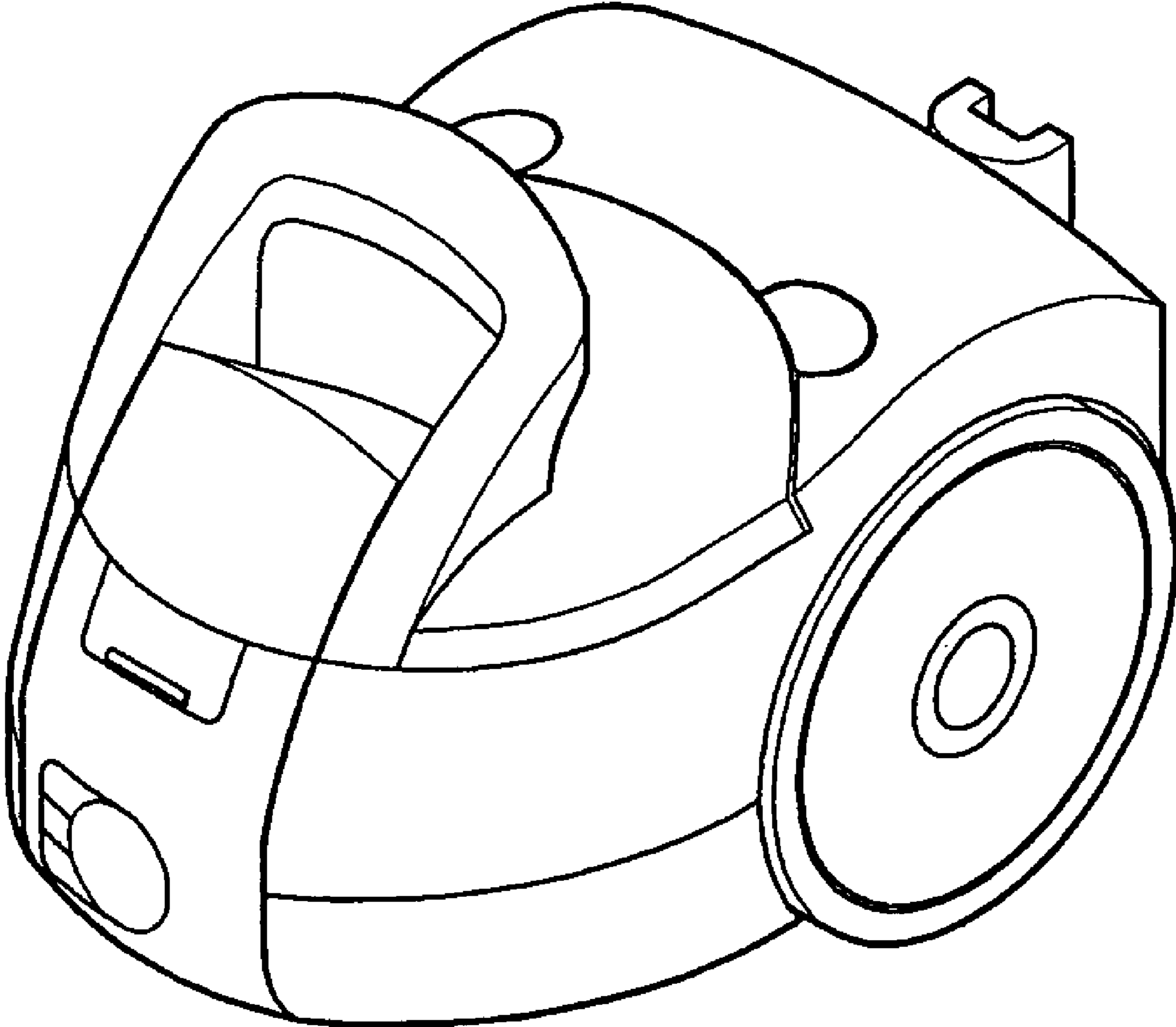
FIG. 8 is a perspective view as seen from the top, front, and left side of the vacuum cleaner of FIG. 1 shown in use with a hose and a brush.

The broken lines in FIG. 8 are for illustrative purposes only and form no part of the claimed design.

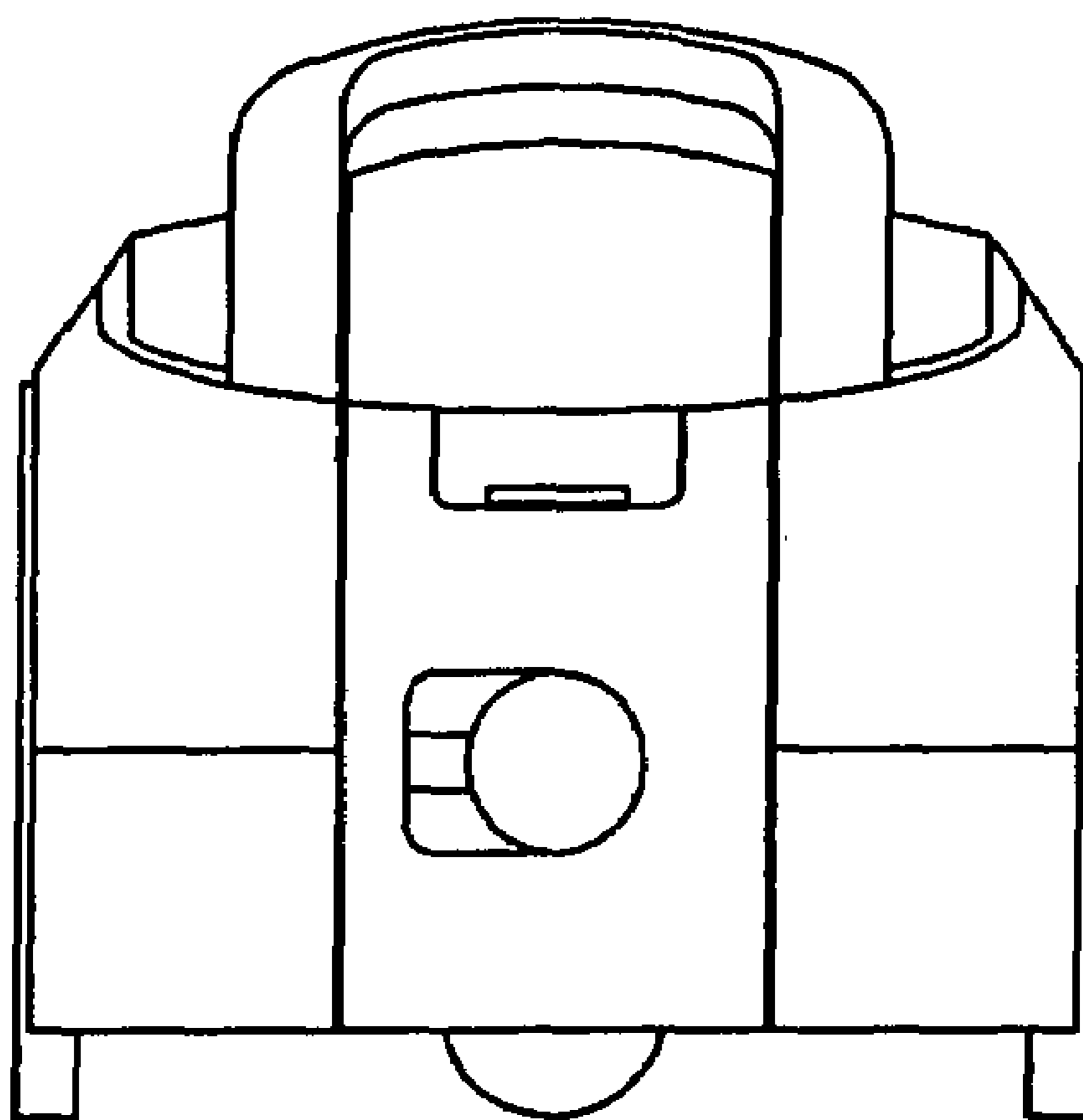
**1 Claim, 8 Drawing Sheets**



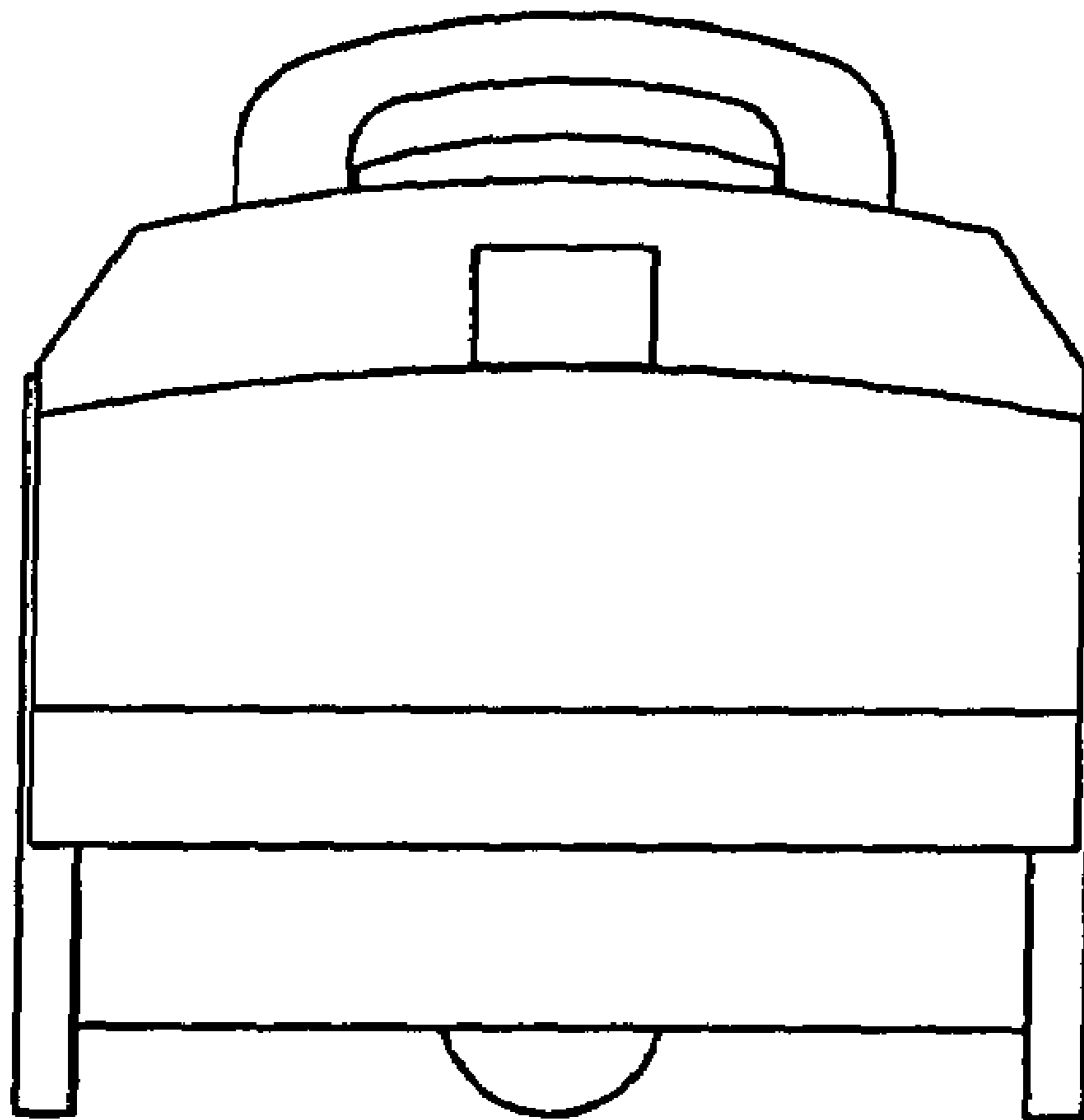
**FIG. 1**



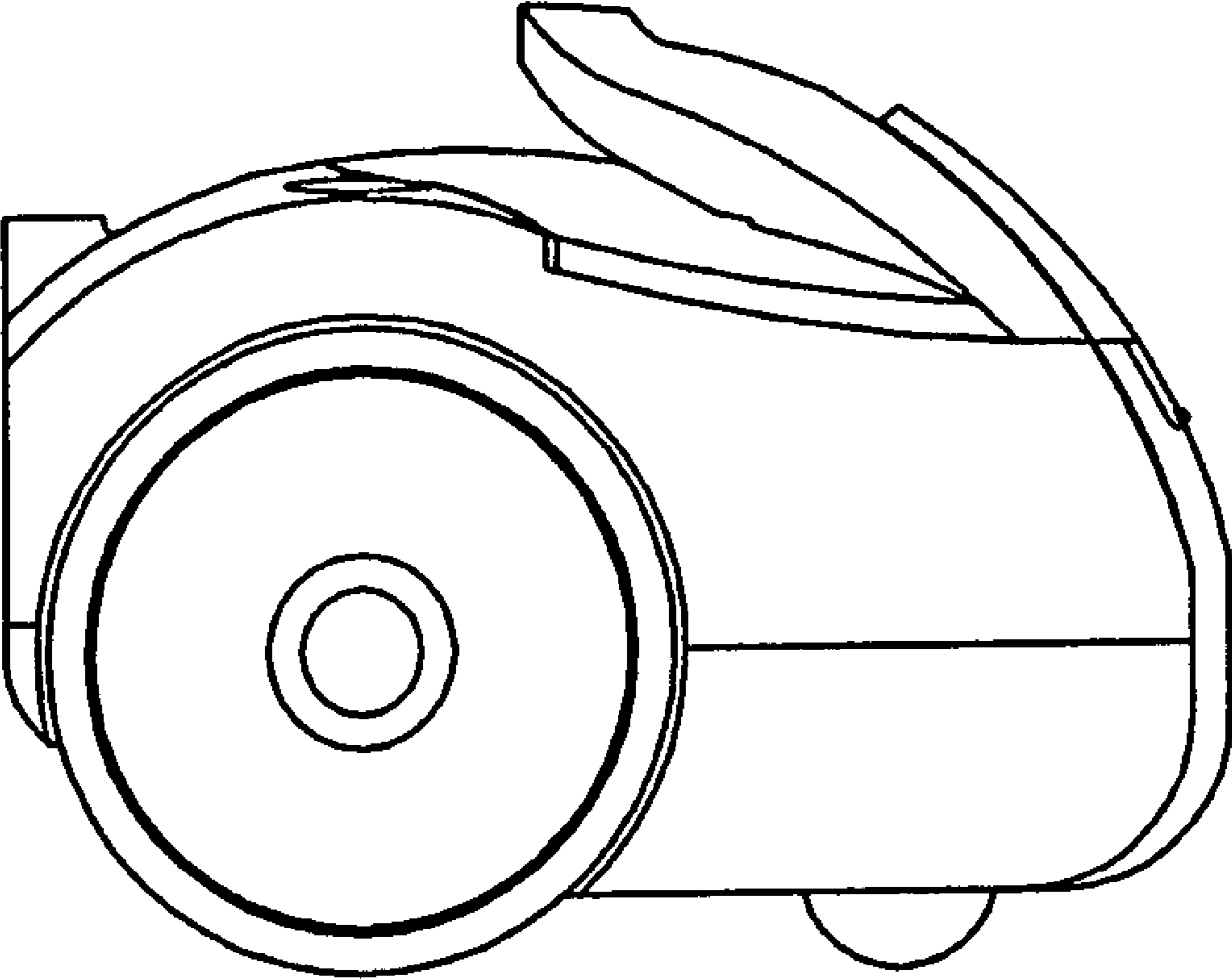
**FIG. 2**



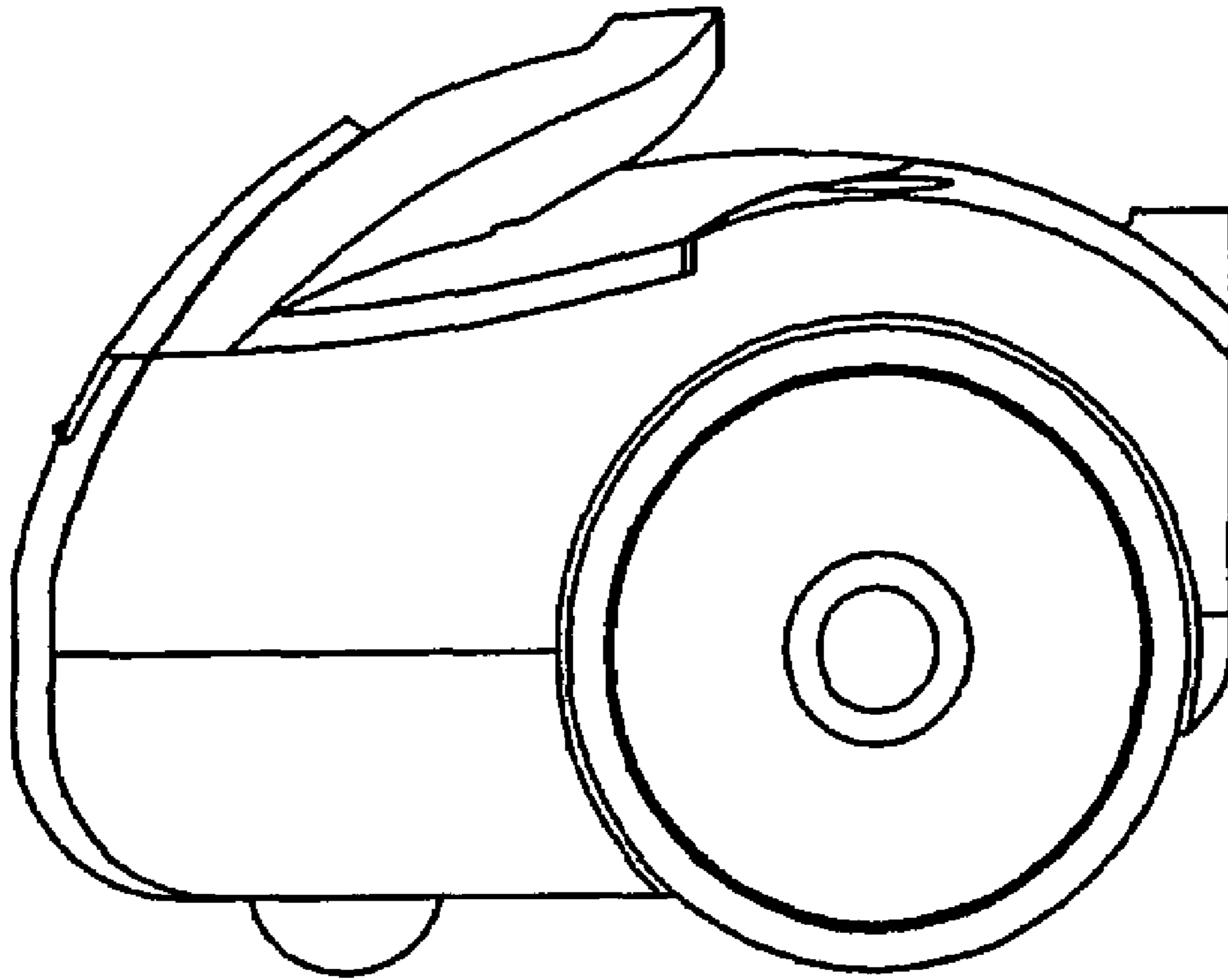
**FIG. 3**



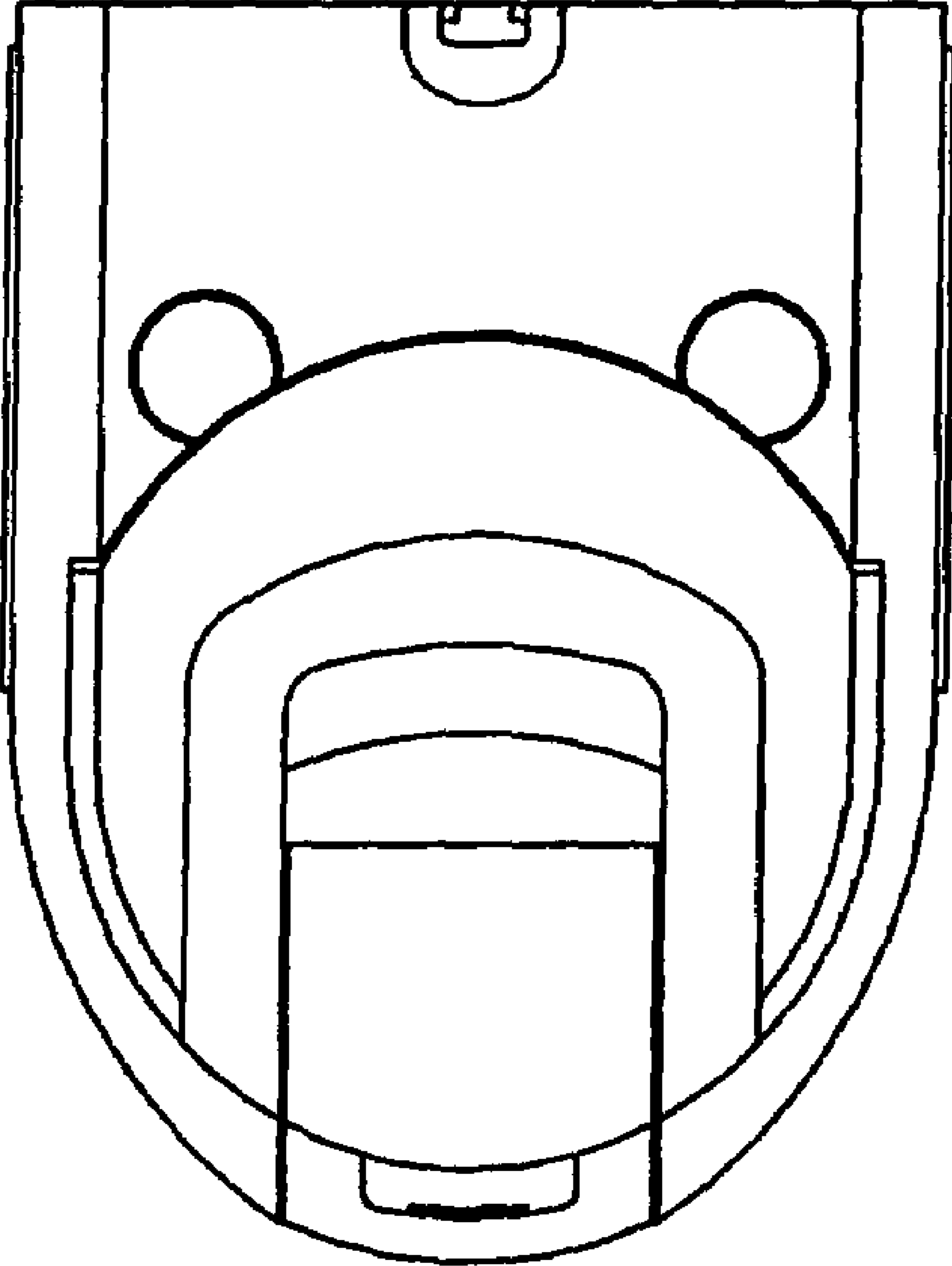
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**

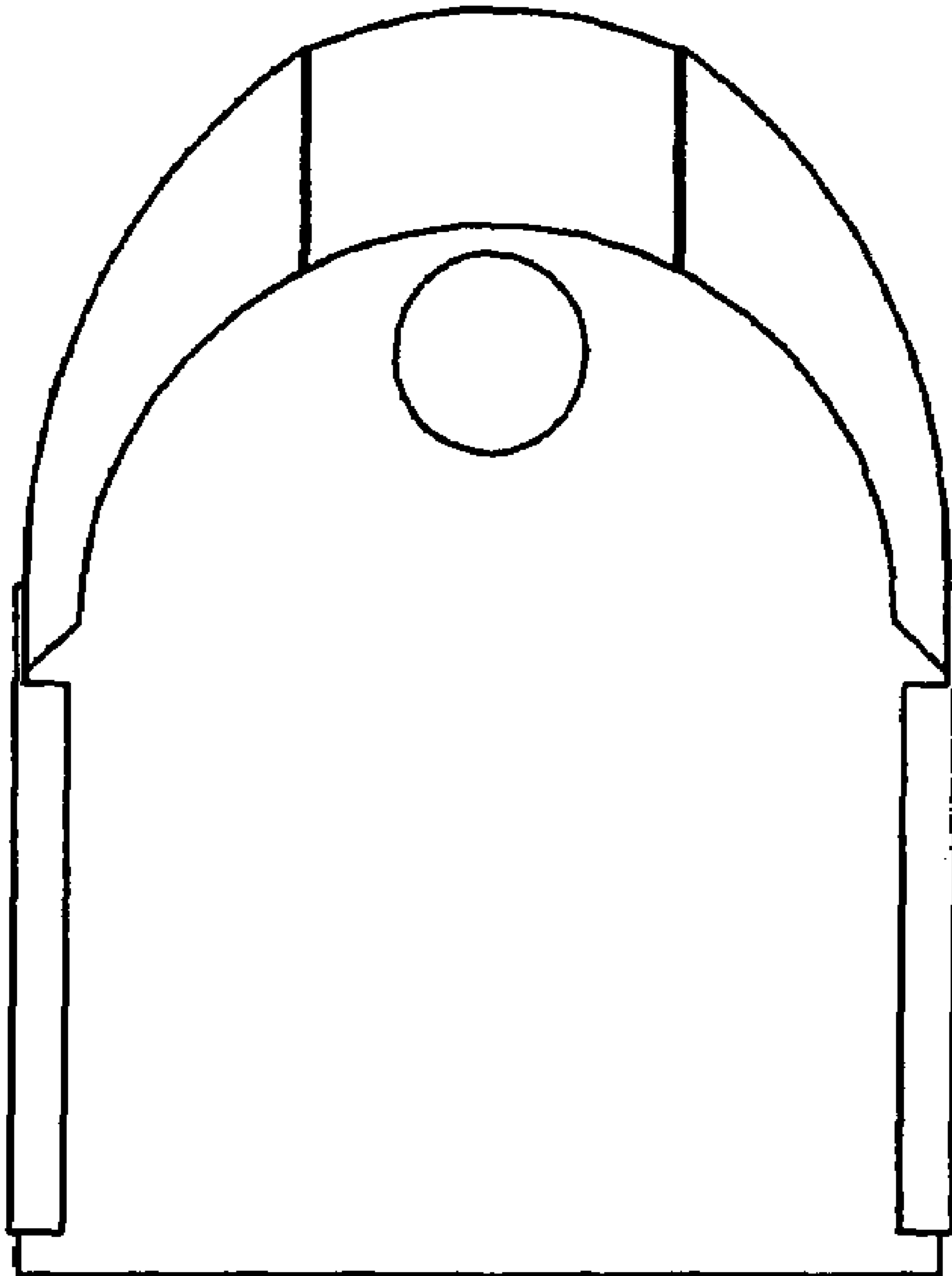




FIG. 8

