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

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- (54) **BACKPACK VACUUM CLEANER**
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Charlotte, NC (US)
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- (52) **U.S. Cl.**  
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- (58) **Field of Classification Search**  
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15/415.1-422, 422.1, 329, 366, 383, 384,  
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68/222, 5 R, 5 A; 392/403-406, 394,  
392/386; 8/149.3; 239/136, 128; 137/241;  
38/77.5-77.7, 77.9, 3, 14, 141, 77.83  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS

2,036,694	A	4/1936	Hansson	
2,460,682	A	2/1949	Doughman	
D219,835	S *	2/1971	Otto et al.	D32/21
4,325,162	A *	4/1982	Chambers et al.	15/327.5
D326,747	S *	6/1992	Stickle	D32/21
5,159,738	A	11/1992	Sunagawa et al.	
5,267,371	A *	12/1993	Soler et al.	15/327.5
5,293,664	A	3/1994	Lim et al.	
5,400,463	A	3/1995	Attard et al.	
5,548,867	A	8/1996	Hwang et al.	

5,588,177	A *	12/1996	Eriksen	15/327.5
D398,426	S *	9/1998	Bisson	D32/21
6,049,941	A	4/2000	Vollenweider, II	
6,073,301	A	6/2000	Berfield	
6,094,774	A	8/2000	Larsen et al.	
6,151,749	A *	11/2000	Berfield	15/327.5
RE37,081	E *	3/2001	Eriksen	15/327.5
D446,365	S *	8/2001	Bisson	D32/21
6,295,692	B1 *	10/2001	Shideler	15/327.5
6,396,656	B1	5/2002	Satou	
D459,039	S *	6/2002	Bisson	D32/21
6,473,933	B1	11/2002	Paterson et al.	
6,553,610	B1 *	4/2003	Shideler	15/327.5
6,568,026	B2	5/2003	Roy et al.	
6,647,586	B2	11/2003	Rogers et al.	
6,779,228	B2	8/2004	Plomteux et al.	
D518,927	S *	4/2006	Rupp et al.	D32/21
D521,695	S *	5/2006	Jacobs et al.	D32/21
D534,697	S *	1/2007	Reick-Mitrisin et al.	D32/21
D537,583	S *	2/2007	Crevling et al.	D32/21

(Continued)

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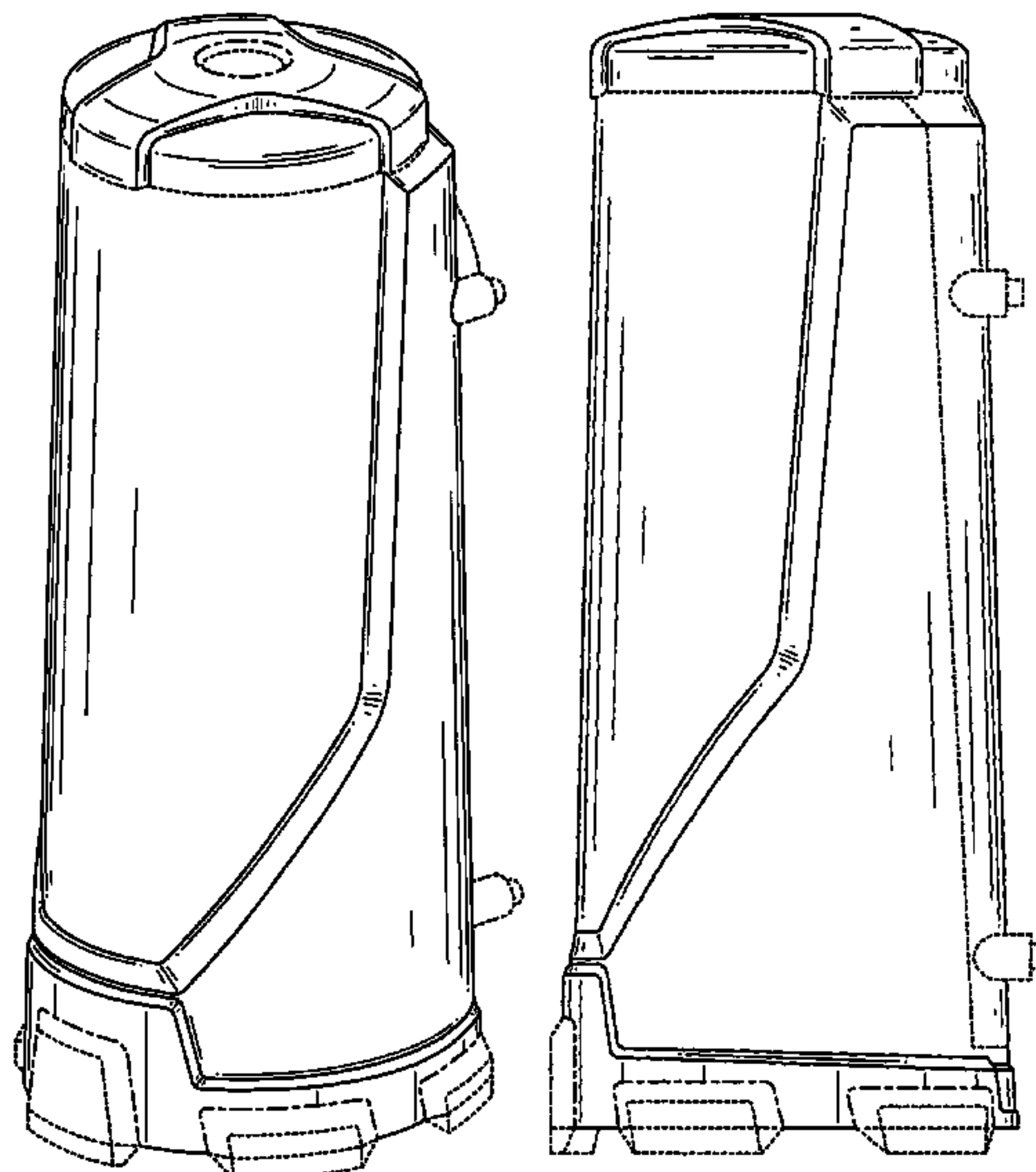
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a backpack vacuum cleaner showing my new design;  
 FIG. 2 is a right side elevation view thereof, the left side being a mirror image of the right side view;  
 FIG. 3 is a front elevation view thereof;  
 FIG. 4 is a rear elevation view thereof;  
 FIG. 5 is a top plan view thereof; and,  
 FIG. 6 is a bottom plan view thereof.  
 The environmental structure shown in broken lines and the dash dot lines which illustrate boundary lines form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

7,287,300	B2 *	10/2007	Rupp et al. ....	15/327.6	7,921,962	B2	4/2011	Liddell	
D572,420	S *	7/2008	Genoa et al. ....	D32/21	D637,775	S *	5/2011	Penrow .....	D32/21
7,437,796	B2 *	10/2008	Rappin .....	15/327.5	7,950,103	B2	5/2011	Williamson et al.	
D581,113	S *	11/2008	Hoshino et al. ....	D32/21	2004/0107529	A1 *	6/2004	Shahbaz .....	15/327.5
D599,063	S *	8/2009	Catron .....	D32/21	2006/0005346	A1 *	1/2006	Rupp et al. ....	15/327.5
D601,314	S *	9/2009	Catron .....	D32/21	2007/0044270	A1 *	3/2007	Crevling et al. ....	15/327.5
7,581,281	B2	9/2009	Schlapkohl		2007/0174992	A1 *	8/2007	Murray et al. ....	15/326
7,587,785	B2	9/2009	Arner		2007/0209140	A1 *	9/2007	Clarke .....	15/327.5
7,600,290	B1 *	10/2009	Peters .....	15/327.5	2007/0209141	A1 *	9/2007	Hare .....	15/327.5
D617,962	S *	6/2010	Clepper et al. ....	D32/21	2008/0178416	A1 *	7/2008	Conrad .....	15/327.5
D618,408	S *	6/2010	Clepper et al. ....	D32/21	2008/0179133	A1	7/2008	Conrad	
D620,655	S *	7/2010	Pezzaniti .....	D32/21	2010/0005614	A1 *	1/2010	Cochran et al. ....	15/327.5
					2010/0071151	A1	3/2010	Crevling, Jr. et al.	
					2010/0223751	A1	9/2010	Liddell	
					2011/0289718	A1 *	12/2011	Basenberg et al. ....	15/327.5

\* cited by examiner

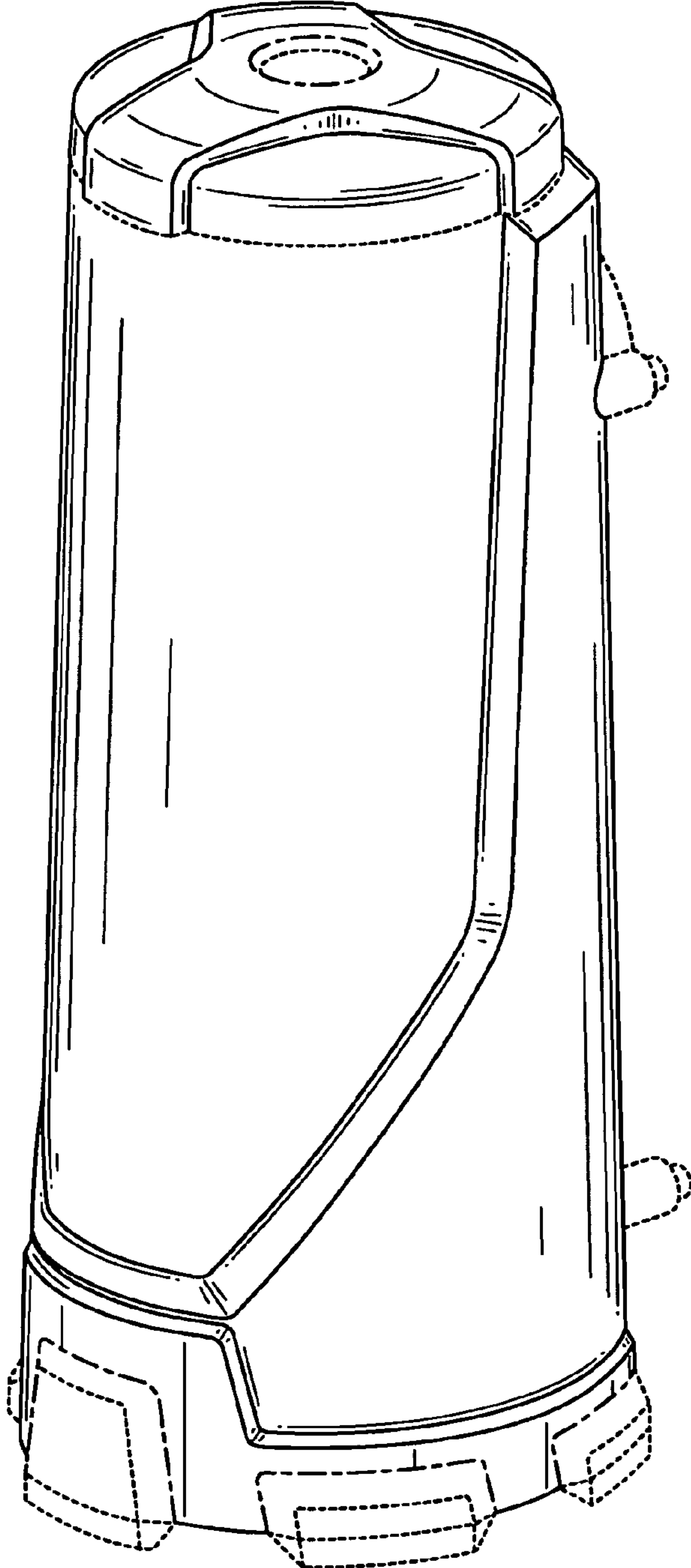


FIG. 1

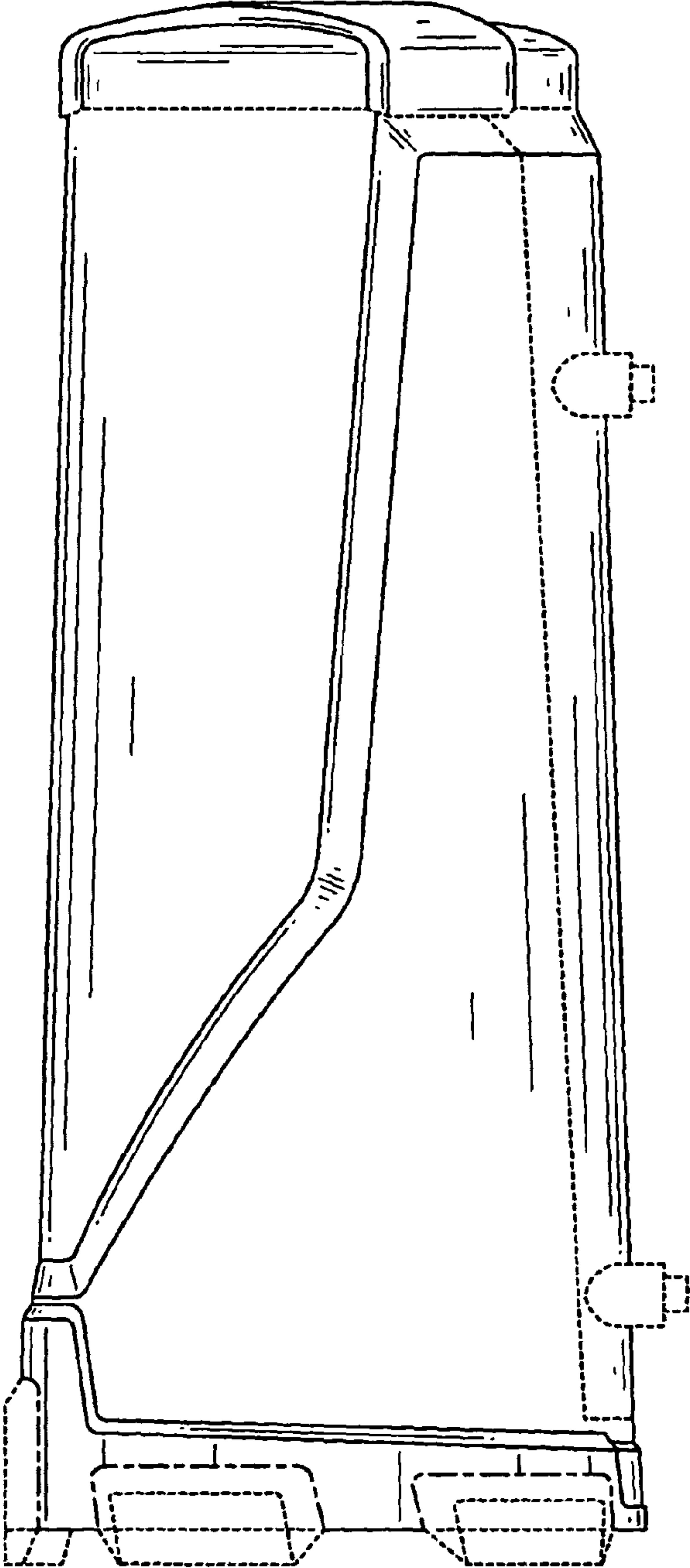


FIG. 2

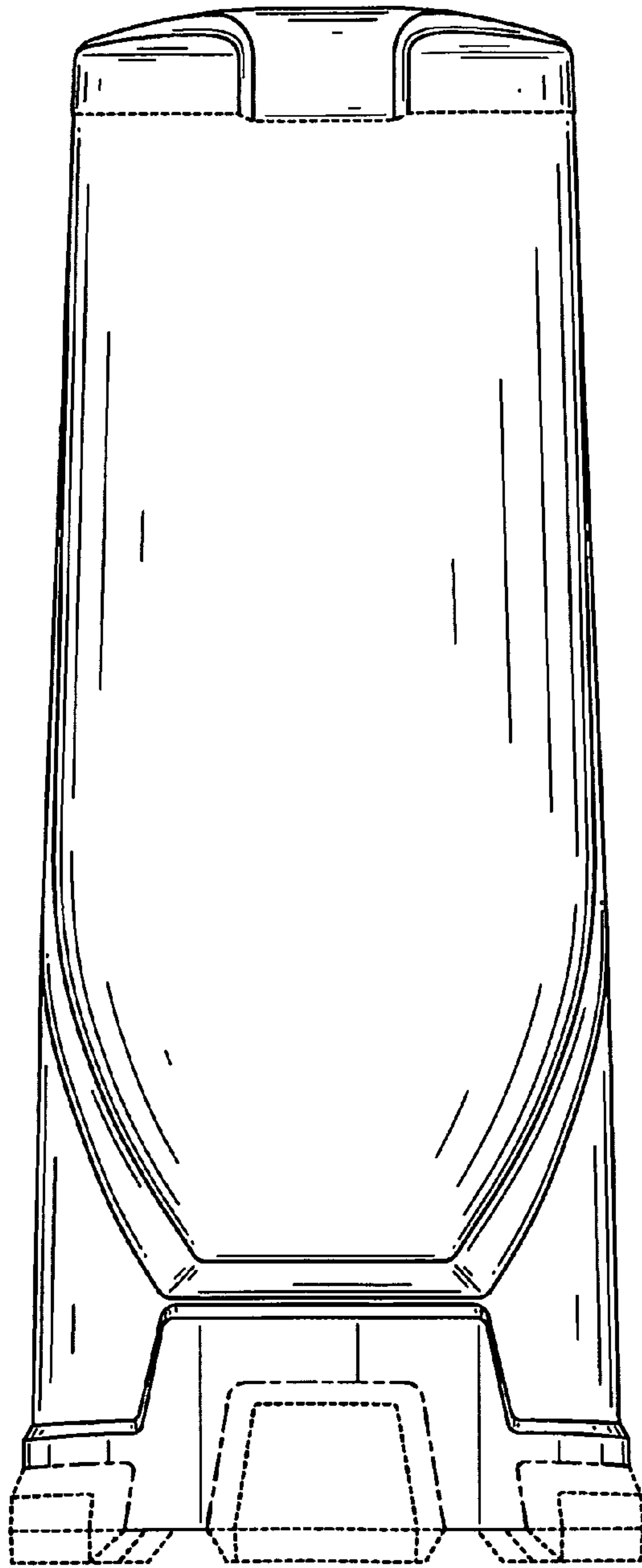


FIG. 3

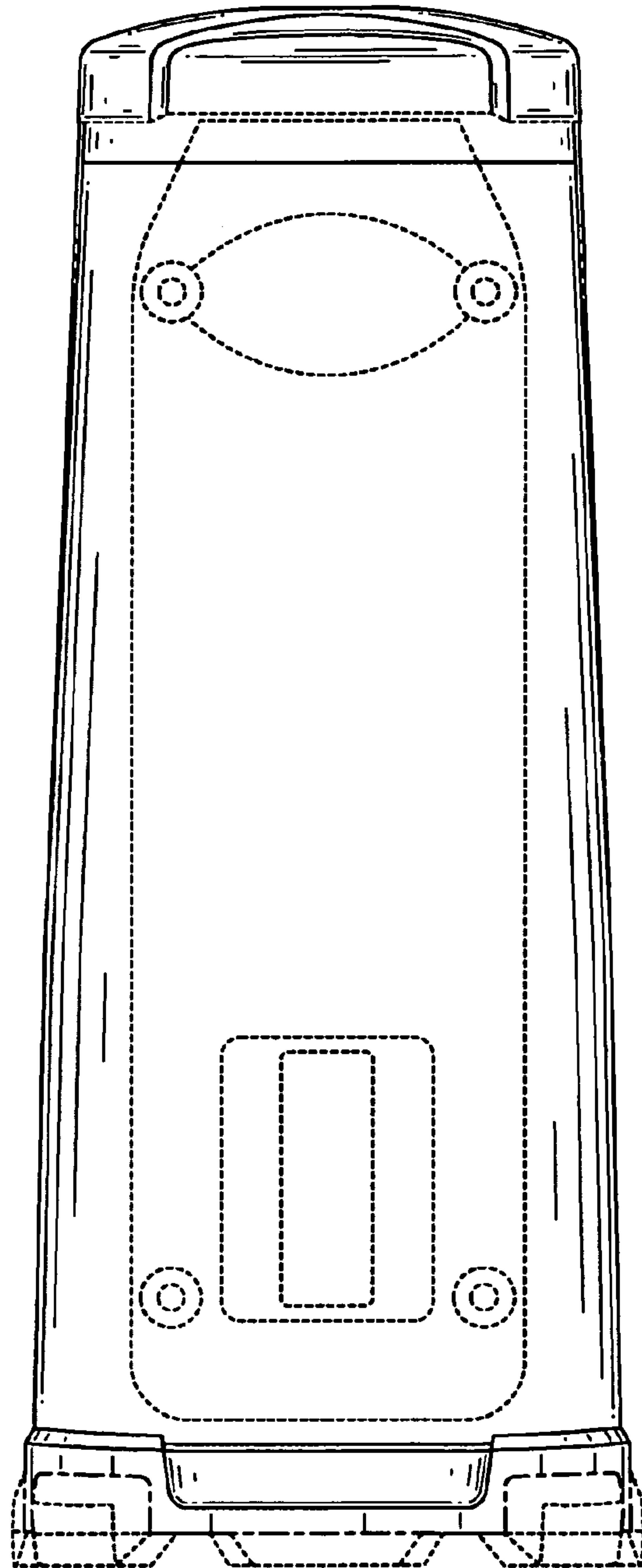


FIG. 4



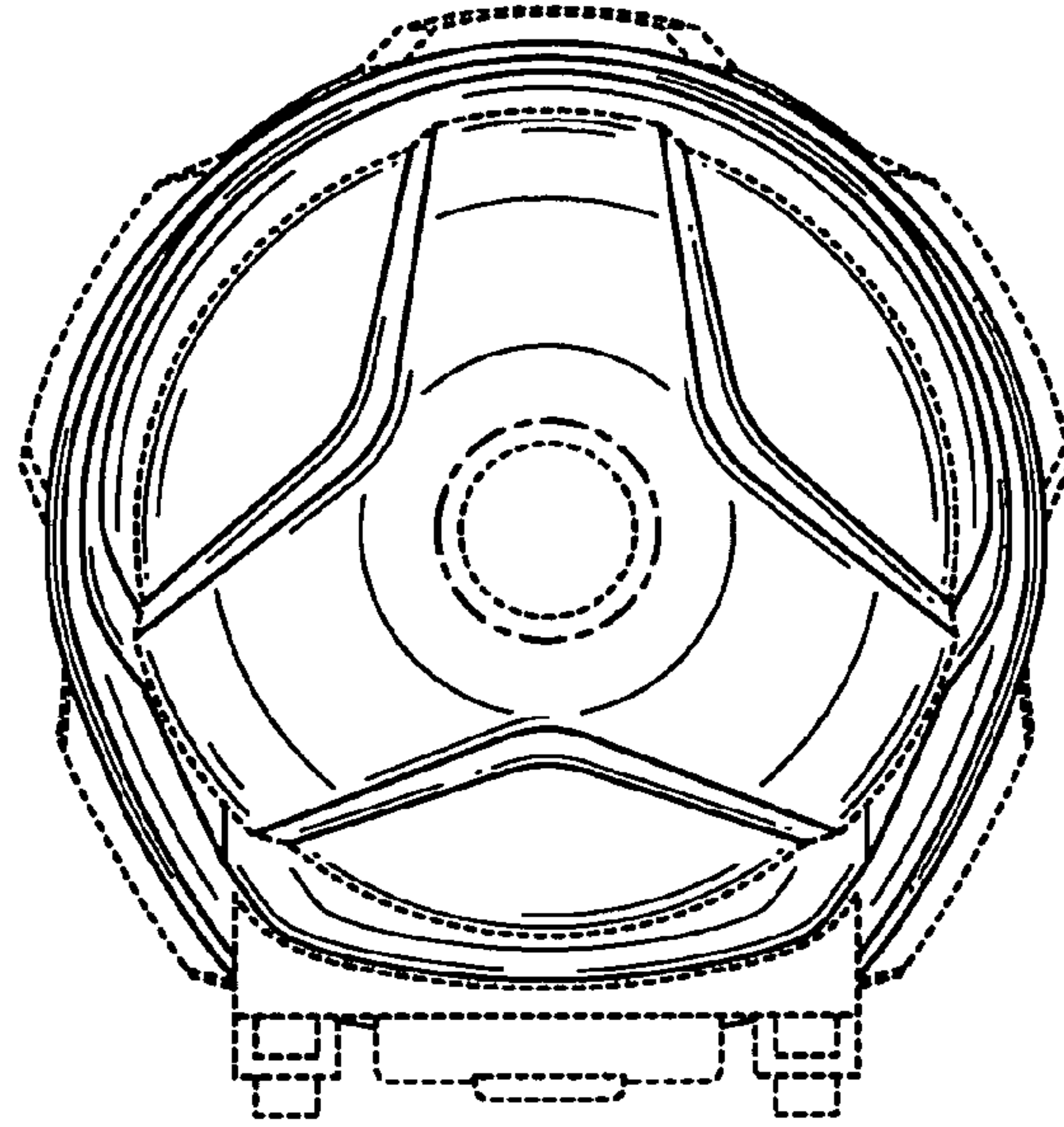


FIG. 5

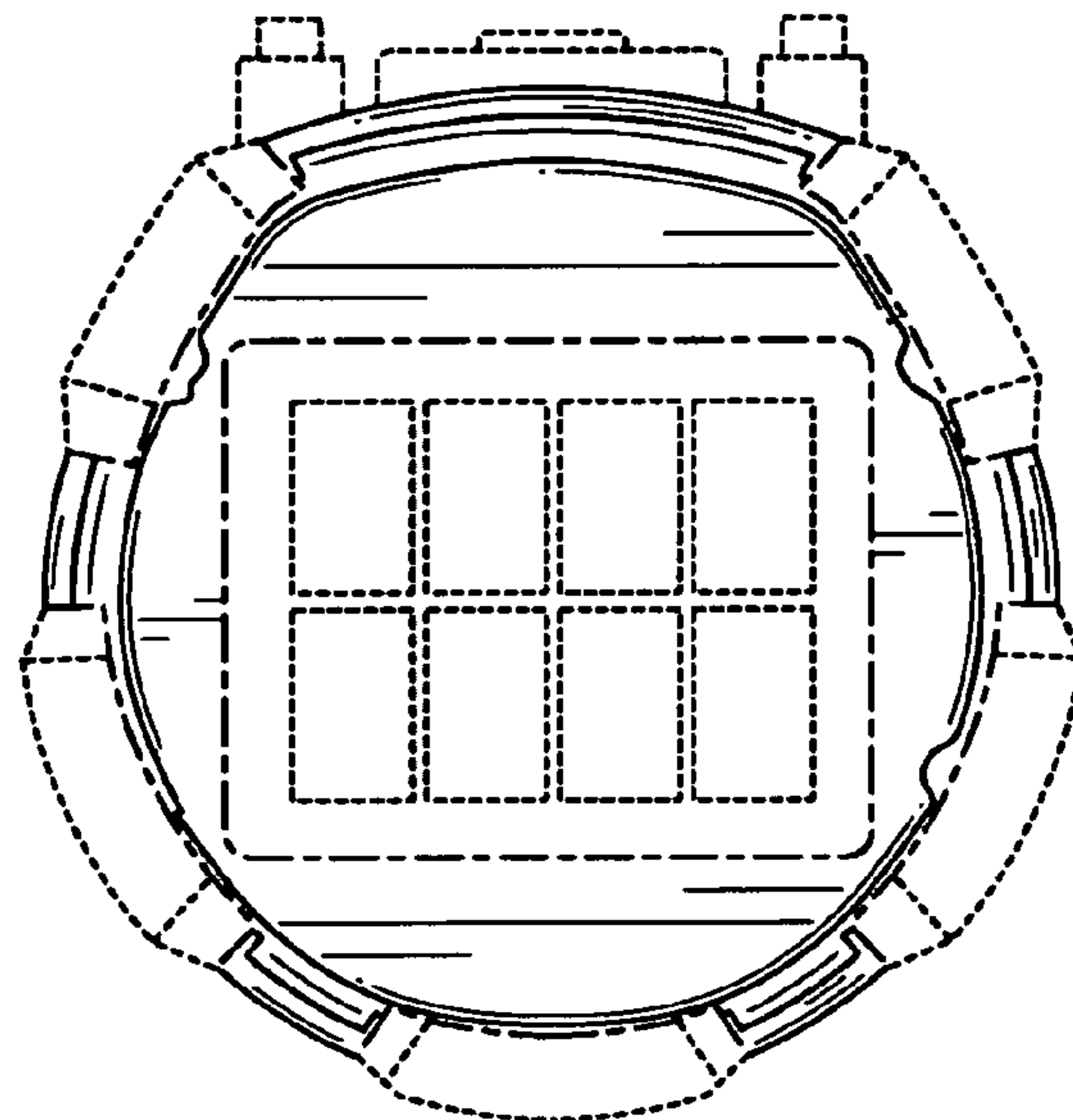


FIG. 6