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

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(54) **INTEGRATED RFID READER**  
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361/679.26, 679.32, 679.33, 379.46, 687,  
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165/151, 122, 185; 257/706, 707, 718–722;  
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379/338, 339, 433.01–433.13, 419, 428.01–428.04,  
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483, 518, 668, 956, 638, 639, 650, 652, 928,  
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360/69; 607/36; 349/65; D24/231; 312/223.1,  
223.2; G9B/33.003, 33.036

See application file for complete search history

(56) **References Cited**

U.S. PATENT DOCUMENTS

D220,105 S \* 3/1971 Small ..... D14/300

(Continued)

OTHER PUBLICATIONS

Photograph of Samsung Techwin Radiator for a Graphics Card Chipset, published on internet web site: <http://www.tagstory.com> (Oct. 31, 2007).

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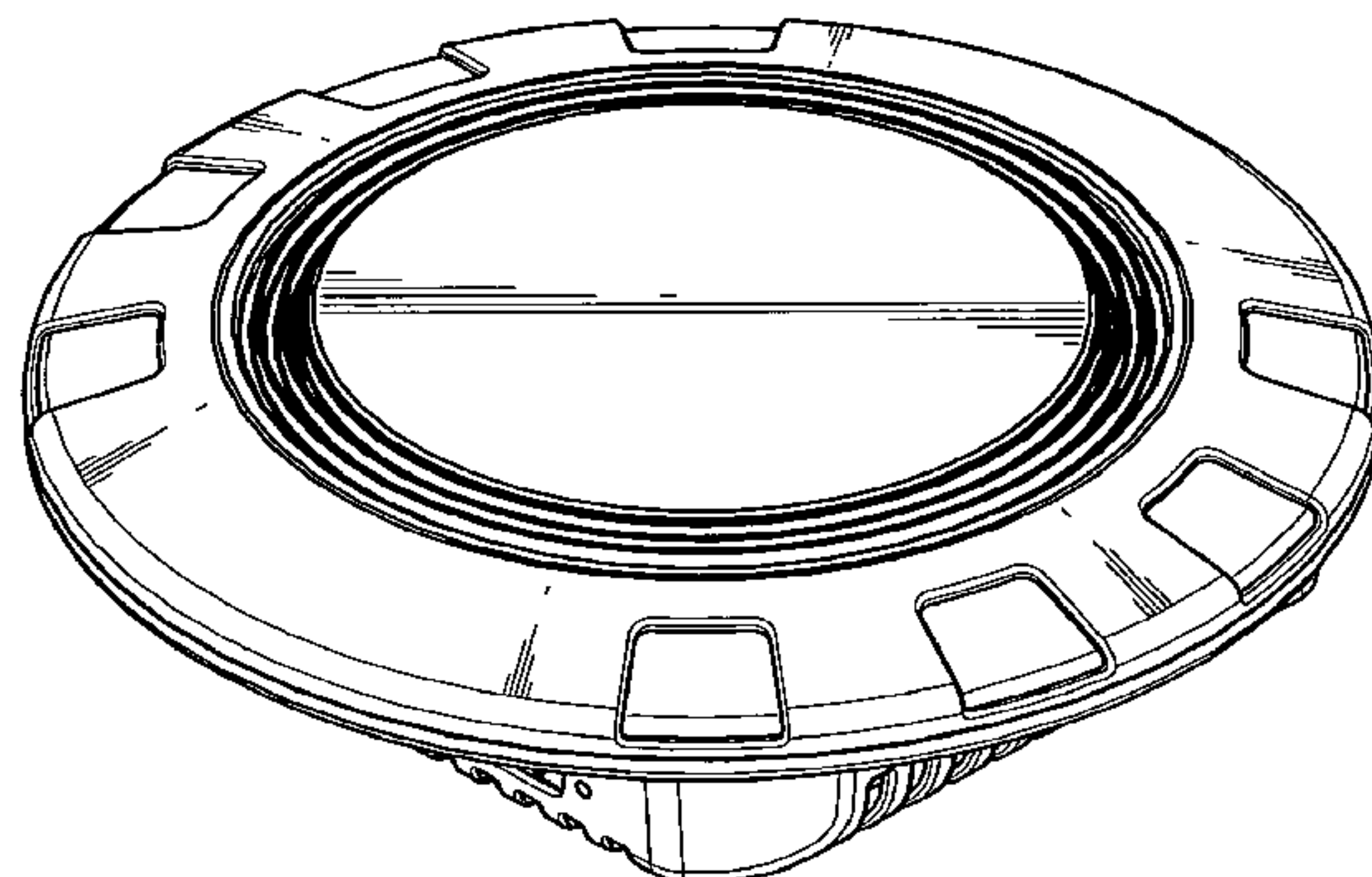
(57) **CLAIM**

The ornamental design for an integrated RFID reader, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an integrated RFID reader;  
FIG. 2 is a front elevational view of the integrated RFID reader;  
FIG. 3 is a rear elevational view of the integrated RFID reader;  
FIG. 4 is a left side elevational view of the integrated RFID reader, a right side view being a mirror image thereof;  
FIG. 5 is a top plan view of the integrated RFID reader; and,  
FIG. 6 is a bottom plan view of the integrated RFID reader.

**1 Claim, 5 Drawing Sheets**





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## U.S. PATENT DOCUMENTS

3,604,559	A *	9/1971	McCall et al. ....	206/533	D470,469	S *	2/2003	Hirano .....	D14/509
D232,863	S *	9/1974	Tong .....	D14/192	D473,516	S *	4/2003	Gresham et al. ....	D13/139.4
4,078,661	A *	3/1978	Thomas .....	206/533	D474,169	S *	5/2003	Fletcher .....	D14/159
D252,862	S *	9/1979	Mackay .....	D10/106	D481,357	S *	10/2003	Stekelenburg .....	D13/139.8
D253,786	S *	12/1979	Montague .....	D21/324	D481,370	S *	10/2003	Popowski et al. ....	D14/150
D258,068	S *	1/1981	Ostrom .....	D17/5	D482,326	S *	11/2003	Stekelenburg .....	D13/137.4
D258,158	S *	2/1981	Bunke .....	D21/444	D482,672	S *	11/2003	Takagi .....	D14/509
D269,686	S *	7/1983	Hoel .....	D21/324	D483,724	S *	12/2003	Wu .....	D13/139.7
D271,572	S *	11/1983	Creelman .....	D10/106	D485,390	S *	1/2004	Stancik et al. ....	D26/104
D271,843	S *	12/1983	Ferdinand et al. ....	D8/312	6,674,364	B1 *	1/2004	Holbrook et al. ....	340/568.1
D274,048	S *	5/1984	Wong et al. ....	D10/106	D488,142	S *	4/2004	Wang et al. ....	D14/138 AB
D283,891	S *	5/1986	Parshad et al. ....	D14/228	D488,796	S *	4/2004	Hirano .....	D14/509
D283,989	S *	5/1986	Chen .....	D10/106	D493,169	S *	7/2004	Cheng .....	D14/357
D284,660	S *	7/1986	Montague et al. ....	D14/144	D494,633	S *	8/2004	Nussberger et al. ....	D21/324
D285,909	S *	9/1986	Lamson .....	D10/72	D495,676	S *	9/2004	Slevin et al. ....	D14/150
D292,283	S *	10/1987	Matsuda et al. ....	D14/240	D496,004	S *	9/2004	Borsboom .....	D13/168
D300,322	S *	3/1989	Lam .....	D14/189	D499,710	S *	12/2004	Chauhan .....	D14/138 R
D300,528	S *	4/1989	Drane .....	D13/171	D501,848	S *	2/2005	Uehara et al. ....	D14/240
D304,944	S *	12/1989	Behringer .....	D14/188	D507,078	S *	7/2005	Greenfield .....	D28/82
D307,274	S *	4/1990	Sasaki et al. ....	D14/243	D511,985	S *	11/2005	Kelly, Jr. ....	D10/106
D315,562	S *	3/1991	Brown .....	D14/213	D514,095	S *	1/2006	Wilson et al. ....	D14/223
D325,582	S *	4/1992	Emmons et al. ....	D14/218	D515,089	S *	2/2006	Ho .....	D14/365
D327,479	S *	6/1992	Britz .....	D14/225	D515,516	S *	2/2006	Mayo et al. ....	D13/171
D331,060	S *	11/1992	Emmons et al. ....	D14/218	D518,016	S *	3/2006	Hirano .....	D14/509
5,243,430	A *	9/1993	Emmons .....	348/734	D519,918	S *	5/2006	Wilson et al. ....	D13/103
D346,598	S *	5/1994	McCay et al. ....	D14/137	7,044,302	B2 *	5/2006	Conley .....	206/538
D355,416	S *	2/1995	McCay et al. ....	D14/137	D522,995	S *	6/2006	Iijima .....	D14/509
D363,935	S *	11/1995	McGreevy .....	D14/230	D524,295	S *	7/2006	Jacobson et al. ....	D14/218
D367,274	S *	2/1996	Gobindram .....	D14/149	D524,310	S *	7/2006	Kent et al. ....	D14/356
D368,721	S *	4/1996	Howell et al. ....	D14/240	D526,973	S *	8/2006	Gates et al. ....	D13/184
D368,987	S *	4/1996	Boucheron .....	D28/78	D528,447	S *	9/2006	Sugiura .....	D10/72
D371,793	S *	7/1996	Patton .....	D14/218	7,128,213	B2 *	10/2006	Tung et al. ....	206/538
D375,909	S *	11/1996	Dziersk et al. ....	D10/106	D535,023	S *	1/2007	Smart et al. ....	D24/110.1
D376,593	S *	12/1996	Riggs .....	D14/137	D537,072	S *	2/2007	Kim et al. ....	D14/215
5,629,826	A *	5/1997	Roca et al. ....	361/118	D542,273	S *	5/2007	Park et al. ....	D14/215
D381,019	S *	7/1997	Muller et al. ....	D24/231	D553,123	S *	10/2007	Solland .....	D14/217
D382,823	S *	8/1997	Newland et al. ....	D10/106	D553,355	S *	10/2007	Mosteller .....	D3/247
D387,734	S *	12/1997	Hawkins et al. ....	D13/158	D560,209	S *	1/2008	Kim et al. ....	D14/215
5,700,150	A *	12/1997	Morin .....	439/4	D561,732	S *	2/2008	Motoishi et al. ....	D14/509
D391,943	S *	3/1998	Han .....	D14/356	7,329,152	B2 *	2/2008	Mori et al. ....	439/638
D391,944	S *	3/1998	Han .....	D14/356	D566,095	S *	4/2008	Davis .....	D14/144
D394,258	S *	5/1998	Fitzgerald .....	D14/150	D570,823	S *	6/2008	Duarte et al. ....	D14/205
D402,269	S *	12/1998	Waters .....	D13/171	D575,289	S *	8/2008	Kuo et al. ....	D14/434
D406,118	S *	2/1999	Koivisto .....	D14/385	7,409,888	B2 *	8/2008	Kemer et al. ....	74/553
D407,985	S *	4/1999	Pimentel .....	D10/104	D576,612	S *	9/2008	Wilson et al. ....	D14/228
5,946,610	A *	8/1999	Hama .....	455/351	D577,009	S *	9/2008	Wilson et al. ....	D14/225
D417,452	S *	12/1999	Wu .....	D14/192	D578,497	S *	10/2008	Weinzierl et al. ....	D14/138 R
6,016,346	A *	1/2000	Rittmueller et al. ....	379/420.02	D584,295	S *	1/2009	Kellar .....	D14/228
D425,477	S *	5/2000	Buckle .....	D13/103	D585,823	S *	2/2009	Guccione .....	D13/108
D426,515	S *	6/2000	Buckle .....	D13/103	D589,463	S *	3/2009	Sykes .....	D13/169
6,114,623	A *	9/2000	Bonilla et al. ....	174/484	D589,776	S *	4/2009	Camp .....	D8/312
D432,499	S *	10/2000	Stekelenburg .....	D13/139.6	D591,678	S *	5/2009	Whitley et al. ....	D13/133
D433,994	S *	11/2000	Jobs et al. ....	D13/110	D592,649	S *	5/2009	L'Henaff et al. ....	D14/240
D442,168	S *	5/2001	Warner et al. ....	D14/231	D593,065	S *	5/2009	Codina .....	D14/159
D443,590	S *	6/2001	Vende .....	D13/137.4	D594,113	S *	6/2009	Reid et al. ....	D24/110.1
D444,777	S *	7/2001	Bird et al. ....	D14/150	D594,404	S *	6/2009	Kuo et al. ....	D13/107
D444,784	S *	7/2001	Hsin .....	D14/385	D595,262	S *	6/2009	Nousiainen .....	D14/206
D448,730	S *	10/2001	Lee .....	D13/137.4	D596,514	S *	7/2009	Luzar et al. ....	D10/65
6,301,103	B1 *	10/2001	Abboud .....	361/679.6	D596,622	S *	7/2009	Lee .....	D14/218
D454,558	S *	3/2002	Song .....	D14/245	D598,003	S *	8/2009	Park .....	D14/149
D456,383	S *	4/2002	Chen .....	D14/188	D600,094	S *	9/2009	Hwang et al. ....	D8/312
6,379,191	B1 *	4/2002	Goetz et al. ....	439/660	D601,150	S *	9/2009	Romero .....	D14/433
D457,150	S *	5/2002	Chen .....	D14/150	D601,537	S *	10/2009	Wang et al. ....	D14/138 R
D459,307	S *	6/2002	Nieto .....	D13/139.8	D602,797	S *	10/2009	Marks et al. ....	D10/106
D460,443	S *	7/2002	Brunner et al. ....	D14/240	D602,911	S *	10/2009	Wang et al. ....	D14/216
D460,491	S *	7/2002	Meyer et al. ....	D21/324	D602,915	S *	10/2009	Song et al. ....	D14/218
D462,942	S *	9/2002	Murakami .....	D14/509	D607,437	S *	1/2010	Kamo .....	D14/216
D464,630	S *	10/2002	Woodworth .....	D13/171	D608,671	S *	1/2010	Treharne .....	D10/106
D467,892	S *	12/2002	Lewis .....	D14/203.6	D609,636	S *	2/2010	Jensen .....	D13/108
D469,064	S *	1/2003	Nieto .....	D13/137.2	D612,832	S *	3/2010	Li et al. ....	D14/150
6,510,226	B1 *	1/2003	Thomann et al. ....	379/413.04	7,717,726	B2 *	5/2010	Lindsay .....	439/289
					D616,875	S *	6/2010	Oh et al. ....	D14/240
					D617,459	S *	6/2010	Bogue .....	D24/155

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2002/0037668	A1 *	3/2002	Tseng et al. ....	439/660	2005/0205458	A1 *	9/2005	Pearson .....	206/538
2003/0053620	A1 *	3/2003	Chen .....	379/447	2005/0245254	A1 *	11/2005	Hall .....	455/426.1
2003/0122698	A1 *	7/2003	Horie et al. ....	341/176	2005/0258066	A1 *	11/2005	Conley .....	206/538
2004/0224717	A1 *	11/2004	Hertzberg et al. ....	455/550.1					
2005/0094355	A1 *	5/2005	Mori et al. ....	361/600					

\* cited by examiner

FIG. 1

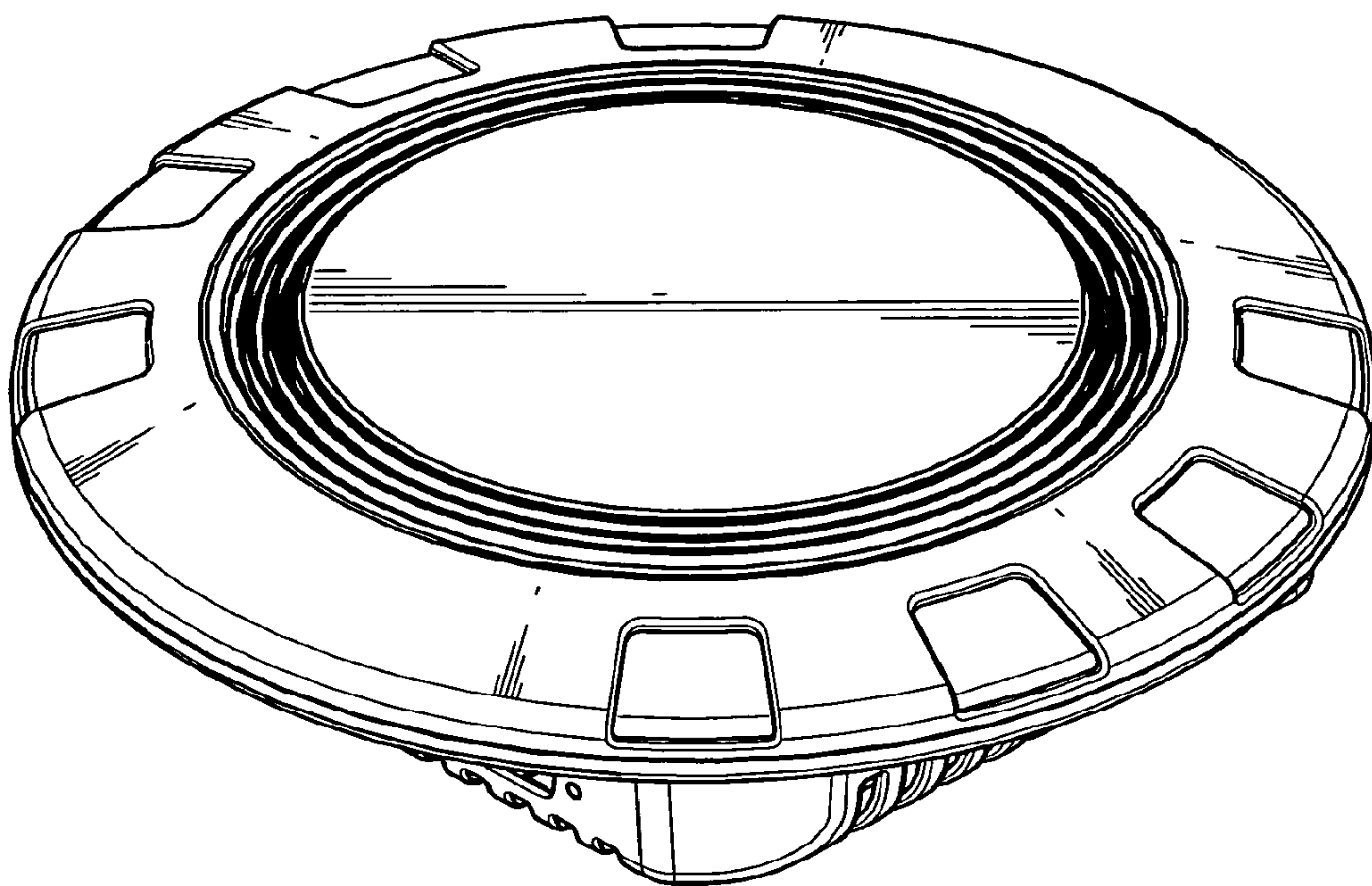




FIG. 2

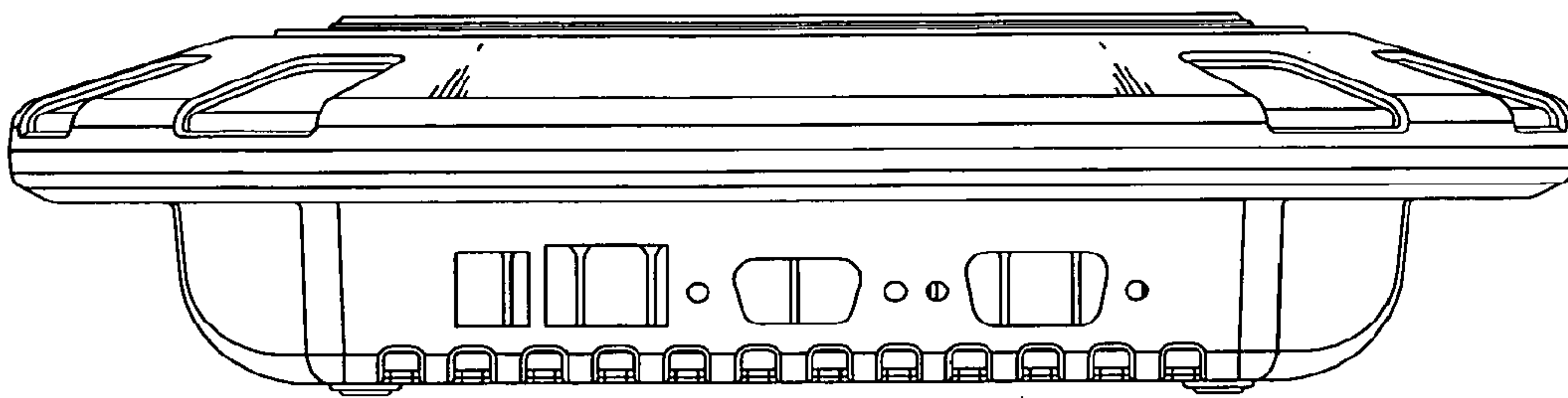


FIG. 3

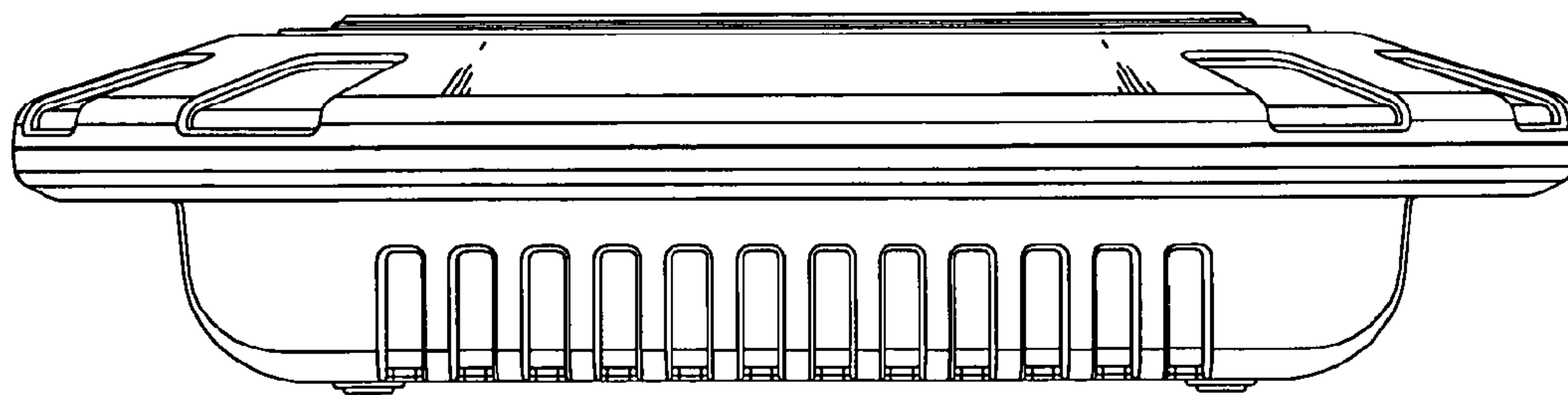


FIG. 4

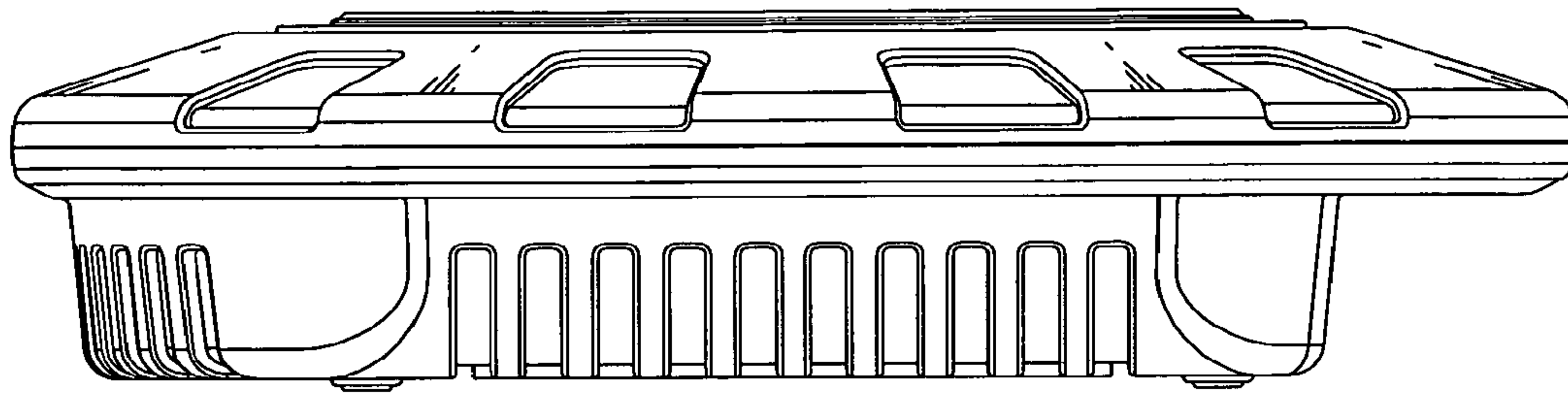


FIG. 5

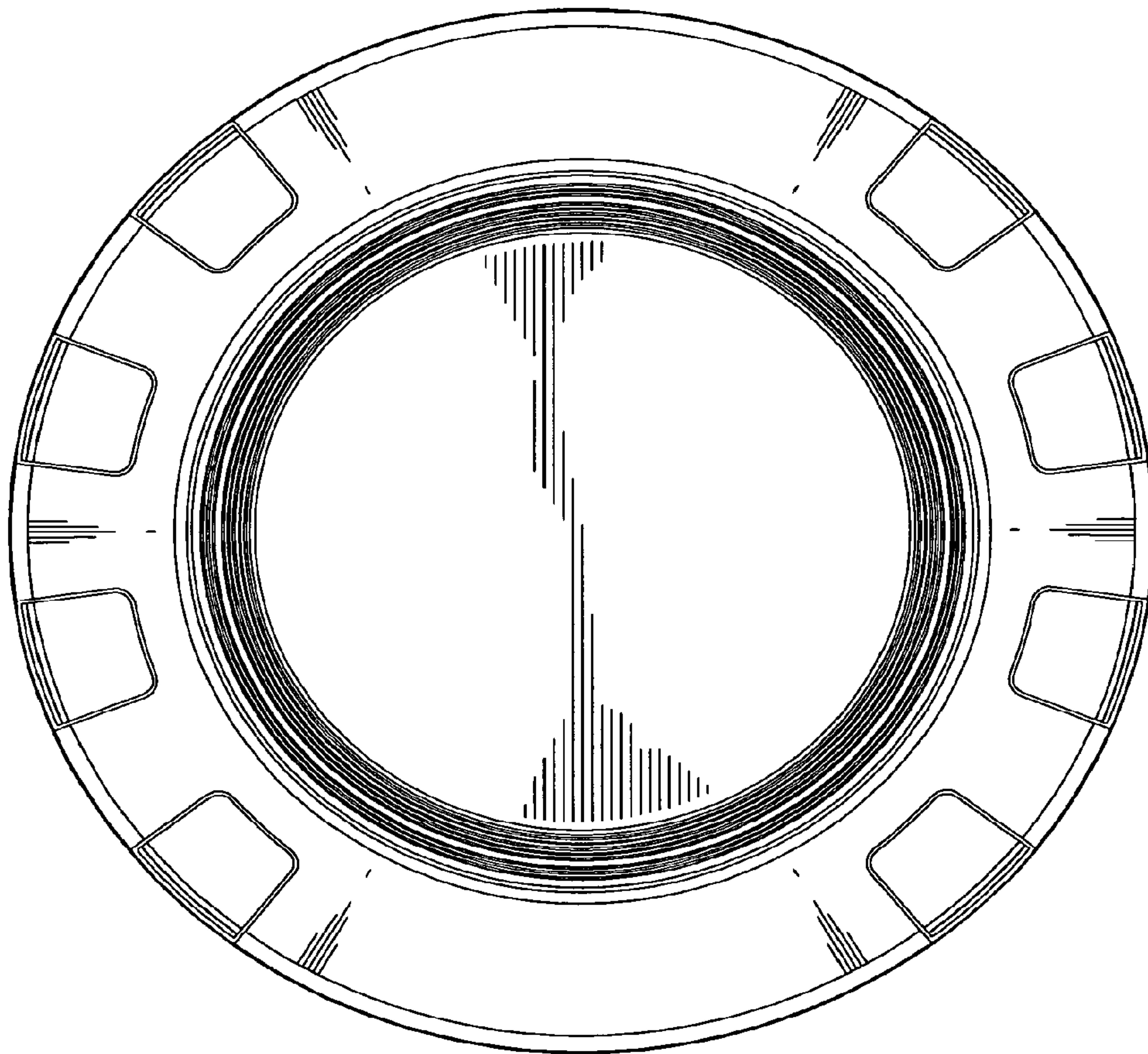


FIG. 6

