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(12) **United States Design Patent** (10) **Patent No.:** US D639,923 S
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(54) **DISPENSING DEVICE**

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(US)

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

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(51) LOC (9) Cl. **28-99**

(52) U.S. Cl. **D23/366**

(58) Field of Classification Search D23/355-369;
D28/5, 6; 261/DIG. 17, DIG. 42, DIG. 65,
261/DIG. 88, DIG. 89; 392/386, 390-395;
239/34, 35, 44-47, 50, 53, 56, 60, 145, 326
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | |
|-------------|---------|-----------------|
| 1,204,934 A | 11/1916 | Burford et al. |
| 1,763,374 A | 6/1930 | Schrader |
| 1,829,714 A | 10/1931 | McElroy et al. |
| 1,947,752 A | 2/1934 | Benesh |
| 2,084,682 A | 6/1937 | Guenot |
| 2,094,161 A | 9/1937 | Paddock |
| 2,103,609 A | 12/1937 | Bradburn |
| 2,221,876 A | 11/1940 | Mackin |
| 2,301,691 A | 11/1942 | Ellinger et al. |
| 2,555,047 A | 5/1951 | Logue |
| 2,600,877 A | 6/1952 | Jeffree |
| 2,608,436 A | 8/1952 | Baughman |
| 2,686,944 A | 8/1954 | Gubelin |
| 2,741,004 A | 4/1956 | Williams |
| 2,905,049 A | 9/1956 | Laube |
| 3,118,610 A | 1/1964 | Techler |
| 3,172,604 A | 3/1965 | Brock |
| 3,301,486 A | 1/1967 | Brock |
| 3,370,571 A | 2/1968 | Knapp |
| 3,383,178 A | 5/1968 | Dietz |

3,410,488 A 11/1968 Sugimura
3,447,505 A 6/1969 Wagner
3,612,356 A 10/1971 McVey
3,628,829 A 12/1971 Heilig
3,655,135 A 4/1972 Altman et al.
3,711,023 A 1/1973 Smith

(Continued)

Primary Examiner — Sandra Snapp

CLAIM

The ornamental design for a dispensing device, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a top, front, and right side of a first embodiment of a dispensing device of the present invention;

FIG. 2 is a front elevational view of the dispensing device of FIG. 1;

FIG. 3 is a rear elevational view of the dispensing device of FIG. 1;

FIG. 4 is a right side elevational view of the dispensing device of FIG. 1;

FIG. 5 is a left side elevational view of the dispensing device of FIG. 1;

FIG. 6 is a top plan view of the dispensing device of FIG. 1;

FIG. 7 is a bottom elevational view of the dispensing device of FIG. 1;

FIG. 8 is an isometric view of a top, front, and right side of a second embodiment of a dispensing device of the present invention;

FIG. 9 is a front elevational view of the dispensing device of FIG. 8;

FIG. 10 is a rear elevational view of the dispensing device of FIG. 8;

FIG. 11 is a right side elevational view of the dispensing device of FIG. 8;

FIG. 12 is a left side elevational view of the dispensing device of FIG. 8;

FIG. 13 is a top plan view of the dispensing device of FIG. 8; and,

FIG. 14 is a bottom elevational view of the dispensing device of FIG. 8.

The subject matter shown above in dashed lines forms no part of the claimed invention.

1 Claim, 14 Drawing Sheets



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U.S. PATENT DOCUMENTS

| | | | | | |
|-------------|---------|--------------------|--------------|---------|----------------------------|
| 3,763,888 A | 10/1973 | Duecker | 5,695,692 A | 12/1997 | Kennedy |
| 3,812,996 A | 5/1974 | Bunnell | 5,724,256 A | 3/1998 | Lee et al. |
| 3,844,057 A | 10/1974 | Johnson | 5,725,472 A | 3/1998 | Weathers |
| 3,917,396 A | 11/1975 | Donohue et al. | 5,727,186 A | 3/1998 | Shervington et al. |
| 3,972,473 A | 8/1976 | Harrison | 5,734,590 A | 3/1998 | Tebbe |
| 4,084,732 A | 4/1978 | Dearling | 5,762,268 A | 6/1998 | Shervington et al. |
| 4,229,415 A | 10/1980 | Bryson | 5,772,074 A | 6/1998 | Dial et al. |
| 4,235,373 A | 11/1980 | Clark | 5,779,101 A | 7/1998 | Holmgren et al. |
| 4,391,390 A | 7/1983 | Howard | 5,805,768 A | 9/1998 | Schwartz et al. |
| 4,456,176 A | 6/1984 | Agius | 5,810,201 A | 9/1998 | Besse et al. |
| 4,545,396 A | 10/1985 | Miller et al. | 5,816,446 A | 10/1998 | Steindorf et al. |
| 4,556,539 A | 12/1985 | Spector | D400,662 S | 11/1998 | Davis |
| 4,580,721 A | 4/1986 | Coffee et al. | 5,832,320 A | 11/1998 | Wittek |
| 4,588,874 A | 5/1986 | Napierski | 5,887,118 A | 3/1999 | Huffman et al. |
| 4,603,030 A | 7/1986 | McCarthy | 5,894,841 A | 4/1999 | Voges |
| 4,614,300 A | 9/1986 | Falcoff | 5,899,381 A | 5/1999 | Gordon et al. |
| 4,629,164 A | 12/1986 | Sommerville | 5,899,382 A | 5/1999 | Hayes et al. |
| 4,629,604 A | 12/1986 | Spector | 5,949,522 A | 9/1999 | Manne |
| 4,680,060 A | 7/1987 | Gupta et al. | 5,972,290 A | 10/1999 | De Sousa |
| 4,695,434 A | 9/1987 | Spector | 5,975,675 A | 11/1999 | Kim |
| 4,755,404 A | 7/1988 | Collette | 6,000,658 A | 12/1999 | McCall, Jr. |
| 4,798,935 A | 1/1989 | Pezaris | 6,039,212 A | 3/2000 | Singh |
| 4,846,403 A | 7/1989 | Mivelaz | 6,053,738 A | 4/2000 | Ivey, Jr. |
| 4,852,802 A | 8/1989 | Iggulden et al. | 6,104,867 A | 8/2000 | Stathakis et al. |
| 4,870,991 A | 10/1989 | McMillan et al. | 6,106,786 A | 8/2000 | Akahoshi |
| D304,758 S | 11/1989 | Glucksman et al. | 6,123,935 A | 9/2000 | Wefler et al. |
| 4,881,568 A | 11/1989 | Ho | 6,136,277 A | 10/2000 | Nardini |
| 4,893,615 A | 1/1990 | Khabirova | 6,141,496 A | 10/2000 | Sundberg et al. |
| 4,901,890 A | 2/1990 | Mivelaz | D435,098 S | 12/2000 | Kemmis |
| 4,905,112 A | 2/1990 | Rhodes | D437,636 S | 2/2001 | Basaganas |
| 4,913,034 A | 4/1990 | Ripple et al. | 6,189,810 B1 | 2/2001 | Nerushai et al. |
| 5,011,632 A | 4/1991 | Yano et al. | 6,196,218 B1 | 3/2001 | Voges |
| 5,022,585 A | 6/1991 | Burgess | 6,231,032 B1 | 5/2001 | Ivey, Jr. |
| 5,023,020 A | 6/1991 | Machida et al. | 6,234,455 B1 | 5/2001 | Wittek |
| 5,038,394 A | 8/1991 | Hasegawa et al. | 6,241,944 B1 | 6/2001 | Budman |
| 5,038,972 A | 8/1991 | Muderlak et al. | 6,254,065 B1 | 7/2001 | Ehrensperger et al. |
| 5,050,798 A | 9/1991 | Sullivan | 6,279,836 B1 | 8/2001 | Toetschinger et al. |
| 5,071,621 A | 12/1991 | Tokuhiro et al. | D449,101 S | 10/2001 | Wolpert et al. |
| 5,097,375 A | 3/1992 | Khan | 6,296,196 B1 | 10/2001 | Denen et al. |
| 5,105,133 A | 4/1992 | Yang | D451,990 S | 12/2001 | Millet |
| 5,111,477 A | 5/1992 | Muderlak et al. | 6,328,287 B2 | 12/2001 | Wittek |
| 5,115,975 A | 5/1992 | Shilling | 6,338,818 B2 | 1/2002 | Budman |
| 5,133,498 A | 7/1992 | Sealy et al. | 6,357,726 B1 | 3/2002 | Watkins |
| 5,152,397 A | 10/1992 | Mayled | 6,368,564 B1 | 4/2002 | Smith |
| D330,758 S | 11/1992 | Muderlak | 6,371,451 B1 | 4/2002 | Choi |
| 5,163,616 A | 11/1992 | Bernarducci et al. | 6,379,242 B1 | 4/2002 | Wiseman, Sr. et al. |
| 5,167,877 A | 12/1992 | Pai | D456,886 S | 5/2002 | Hart |
| 5,175,791 A | 12/1992 | Muderlak et al. | 6,390,453 B1 | 5/2002 | Frederickson et al. |
| 5,178,327 A | 1/1993 | Palamand et al. | 6,406,004 B1 | 6/2002 | Ude |
| 5,186,869 A | 2/1993 | Stumpf et al. | 6,409,093 B2 | 6/2002 | Ulczynski et al. |
| 5,192,342 A | 3/1993 | Baron et al. | D460,170 S | 7/2002 | Hart |
| 5,193,744 A | 3/1993 | Goldstein | 6,461,549 S | 8/2002 | Garcia |
| 5,201,025 A | 4/1993 | Landesberg | D463,437 S | 9/2002 | Bush et al. |
| 5,212,672 A | 5/1993 | Loisch et al. | 6,446,583 B2 | 9/2002 | Vieira |
| 5,227,068 A | 7/1993 | Runyon | D464,130 S | 10/2002 | Denham et al. |
| 5,230,837 A | 7/1993 | Babasade | D466,204 S | 11/2002 | Wolpert et al. |
| 5,234,162 A | 8/1993 | Sullivan | 6,478,440 B1 | 11/2002 | Jaworski et al. |
| 5,297,988 A | 3/1994 | Nishino et al. | 6,487,367 B2 | 11/2002 | Vieira |
| 5,314,619 A | 5/1994 | Runyon | 6,501,052 B2 | 12/2002 | Cox et al. |
| 5,314,669 A | 5/1994 | Hamilton | 6,501,906 B2 | 12/2002 | Vieira |
| 5,321,669 A | 6/1994 | Thayer et al. | 6,502,762 B2 | 1/2003 | Tuttobene, Jr. |
| 5,342,584 A | 8/1994 | Fritz et al. | 6,511,531 B1 | 1/2003 | Cartellone |
| 5,343,747 A | 9/1994 | Rosen | D469,862 S * | 2/2003 | Cruver et al. D23/366 |
| 5,364,027 A | 11/1994 | Kuhn | 6,533,193 B2 | 3/2003 | White |
| 5,377,363 A | 1/1995 | Shieh | 6,536,746 B2 | 3/2003 | Watkins |
| 5,398,070 A | 3/1995 | Lee | D473,638 S * | 4/2003 | Cruver, IV D23/366 |
| D359,346 S | 6/1995 | Martin | 6,542,442 B2 | 4/2003 | Kaslon |
| 5,434,386 A | 7/1995 | Glenn et al. | 6,555,068 B2 | 4/2003 | Smith |
| 5,449,117 A | 9/1995 | Muderlak et al. | 6,556,272 B1 | 4/2003 | Du et al. |
| D364,450 S | 11/1995 | Kearnes | 6,563,091 B2 | 5/2003 | Vieira |
| 5,518,790 A | 5/1996 | Huber et al. | 6,568,659 B2 | 5/2003 | Hugon |
| 5,521,357 A | 5/1996 | Lock et al. | 6,569,387 B1 | 5/2003 | Furner et al. |
| 5,524,609 A | 6/1996 | Krull | 6,581,915 B2 | 6/2003 | Bartsch et al. |
| 5,565,148 A | 10/1996 | Pendergrass, Jr. | 6,592,104 B2 | 7/2003 | Cox |
| 5,591,409 A | 1/1997 | Watkins | 6,602,475 B1 | 8/2003 | Chiao |
| 5,660,330 A | 8/1997 | Scott | 6,603,924 B2 | 8/2003 | Brown et al. |
| 5,666,987 A | 9/1997 | Combs | 6,619,559 B2 | 9/2003 | Wohrle |
| D385,024 S | 10/1997 | Roberts | 6,654,664 B1 | 11/2003 | Chiao |
| | | | 6,661,967 B2 | 12/2003 | Levine et al. |

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| | | | | | | | |
|-----------|-----|---------|---------------------|--------------|------|---------|-------------------------|
| 6,672,129 | B1 | 1/2004 | Frederickson et al. | 7,157,057 | B2 | 1/2007 | Gohil |
| D487,504 | S | 3/2004 | Yuen | 7,160,515 | B2 | 1/2007 | Murdell et al. |
| 6,712,287 | B1 | 3/2004 | Le Pesant et al. | D538,915 | S | 3/2007 | Anderson |
| 6,713,024 | B1 | 3/2004 | Arnell et al. | 7,190,888 | B2 | 3/2007 | Wolf et al. |
| 6,722,532 | B2 | 4/2004 | Lasserre et al. | 7,201,333 | B2 | 4/2007 | Yoshikawa et al. |
| 6,728,478 | B2 | 4/2004 | Cox et al. | D542,902 | S | 5/2007 | Caserta et al. |
| D494,668 | S | 8/2004 | Morillas | D542,903 | S | 5/2007 | Caserta et al. |
| 6,775,470 | B2 | 8/2004 | Zobele et al. | 7,223,361 | B2 | 5/2007 | Kvietok et al. |
| 6,782,194 | B2 | 8/2004 | Schneiderbauer | 7,249,719 | B2 | 7/2007 | He et al. |
| 6,783,081 | B2 | 8/2004 | Pedrotti et al. | D548,318 | S | 8/2007 | Copeman |
| 6,783,117 | B2 | 8/2004 | Wohrle | D550,344 | S | 9/2007 | Weggelaar |
| 6,786,474 | B2 | 9/2004 | Watkins et al. | 7,277,626 | B2 | 10/2007 | Pesu et al. |
| 6,790,011 | B1 | 9/2004 | Le Pesant et al. | D556,311 | S | 11/2007 | Copeman |
| 6,790,408 | B2 | 9/2004 | Whitby et al. | 7,303,300 | B2 | 12/2007 | Dowling et al. |
| 6,792,199 | B2 | 9/2004 | Levine et al. | 7,324,744 | B2 | 1/2008 | Triplett et al. |
| 6,802,460 | B2 | 10/2004 | Hess et al. | 7,330,585 | B2 | 2/2008 | Rice |
| 6,803,987 | B2 | 10/2004 | Manne | 7,344,123 | B2 | 3/2008 | Pankhurst et al. |
| 6,832,794 | B2 | 12/2004 | He et al. | 7,357,561 | B2 | 4/2008 | Hidalgo et al. |
| 6,834,847 | B2 | 12/2004 | Bartsch et al. | 7,376,344 | B2 | 5/2008 | Manne |
| 6,842,218 | B1 | 1/2005 | Manne | 7,387,265 | B2 | 6/2008 | Hess et al. |
| 6,843,430 | B2 | 1/2005 | Boticki et al. | 7,389,943 | B2 | 6/2008 | Jaworski |
| 6,854,717 | B2 | 2/2005 | Millan | 7,400,822 | B2 | 7/2008 | Ruiz Ballesteros et al. |
| 6,859,615 | B2 | 2/2005 | Yip et al. | D574,941 | S * | 8/2008 | Weggelaar |
| 6,871,794 | B2 | 3/2005 | McEwen | D581,479 | S | 11/2008 | D23/366 |
| 6,889,003 | B2 | 5/2005 | Triplett et al. | D584,809 | S | 1/2009 | Caserta et al. |
| 6,912,355 | B2 | 6/2005 | Vieira | 7,481,380 | B2 | 1/2009 | Porchia et al. |
| 6,913,733 | B2 | 7/2005 | Hardy et al. | 7,481,571 | B2 | 1/2009 | Kvietok et al. |
| 6,920,282 | B2 | 7/2005 | He et al. | 7,493,028 | B2 | 2/2009 | Bistricky et al. |
| 6,950,607 | B2 | 9/2005 | Yip et al. | 7,497,354 | B2 | 3/2009 | DeWitt |
| 6,955,067 | B2 | 10/2005 | Davenet et al. | 7,544,332 | B2 | 6/2009 | Decottignies et al. |
| 7,011,795 | B2 | 3/2006 | Thompson et al. | D596,729 | S | 7/2009 | De Silva et al. |
| 7,014,818 | B2 | 3/2006 | Rymer | D596,730 | S | 7/2009 | Langley et al. |
| 7,021,494 | B2 | 4/2006 | Mazooji et al. | D604,402 | S | 11/2009 | Tomas Vilarasa et al. |
| D521,621 | S | 5/2006 | Slater | 7,621,511 | B2 | 11/2009 | Hayes-Pankhurst et al. |
| 7,036,800 | B2 | 5/2006 | Ellis | 7,652,436 | B2 | 1/2010 | Dowling et al. |
| D528,184 | S | 9/2006 | Yuen | 7,691,336 | B2 | 4/2010 | Westring |
| D529,159 | S | 9/2006 | Howansky et al. | D623,284 | S * | 9/2010 | Myojin et al. |
| 7,132,084 | B1 | 11/2006 | Roumpos | D624,170 | S * | 9/2010 | D23/366 |
| 7,133,605 | B2 | 11/2006 | Niemeyer | 2003/0138241 | A1 * | 7/2003 | Myojin et al. |
| D533,930 | S * | 12/2006 | Keller et al. | 2003/0194225 | A1 * | 10/2003 | D23/366 |
| D534,265 | S * | 12/2006 | Weggelaar | 2003/0194225 | A1 * | 10/2003 | 392/395 |
| D535,377 | S | 1/2007 | Caserta | | | | 392/395 |

* cited by examiner



FIG. 1

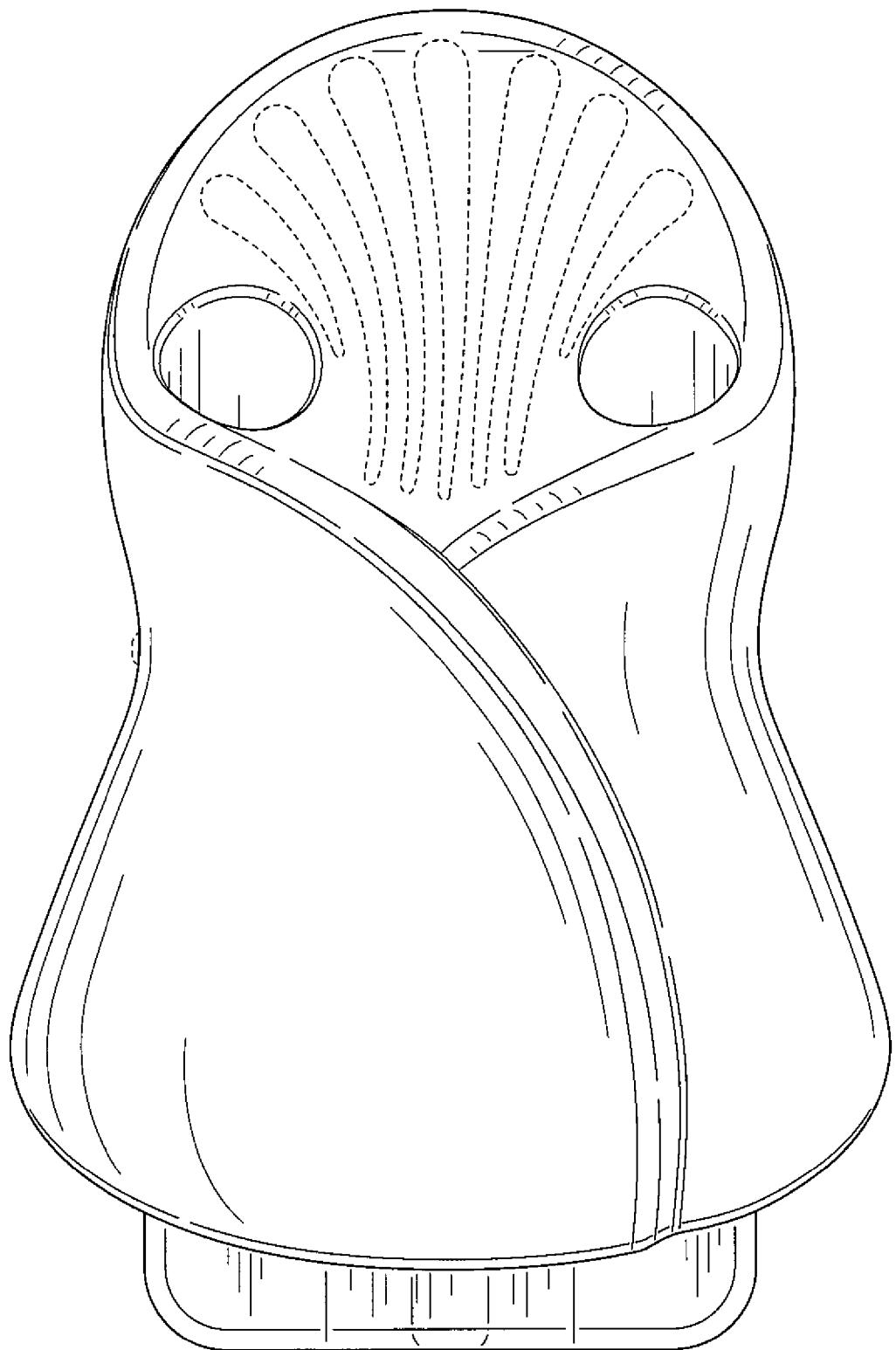
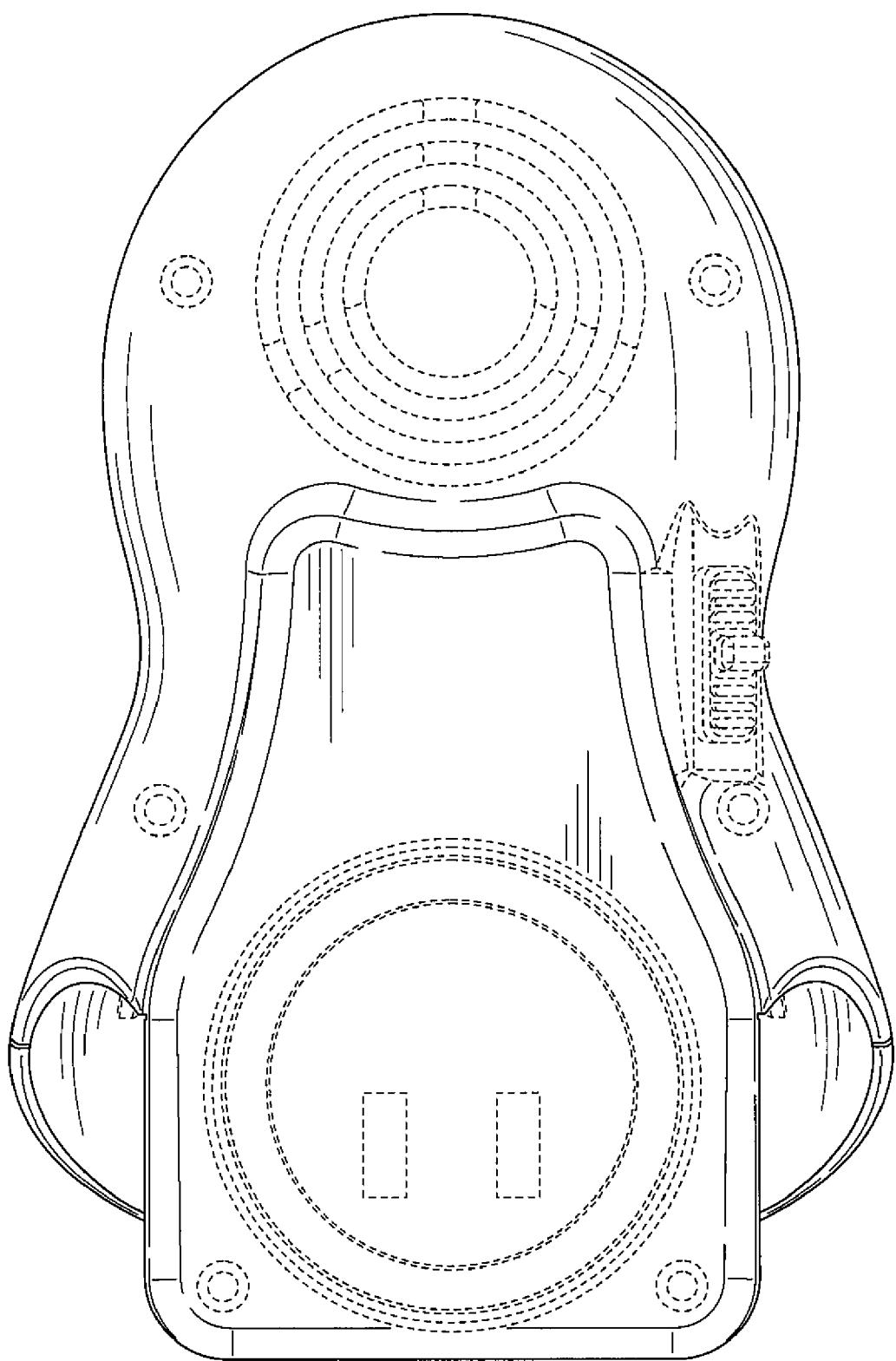


FIG. 2

**FIG. 3**

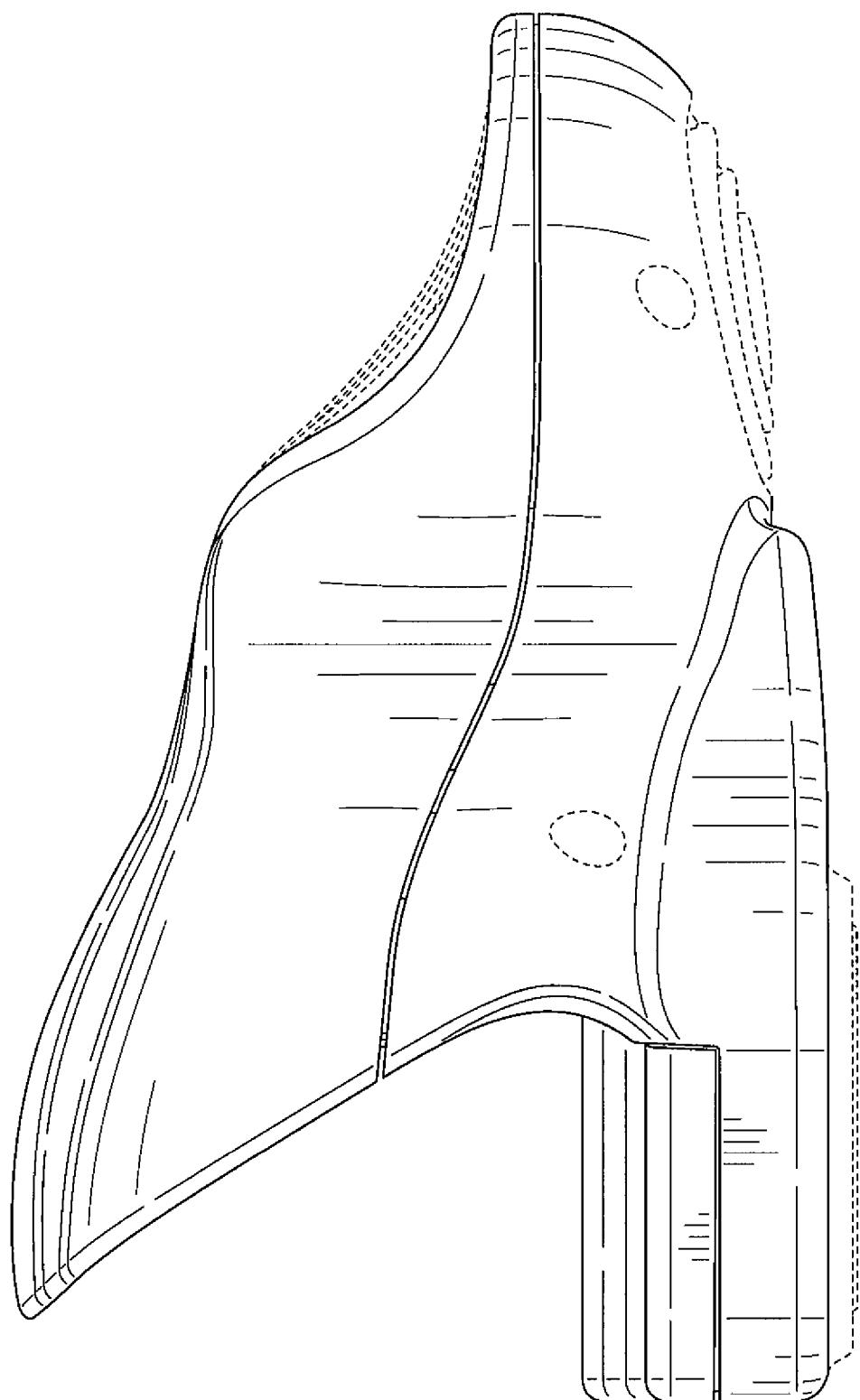
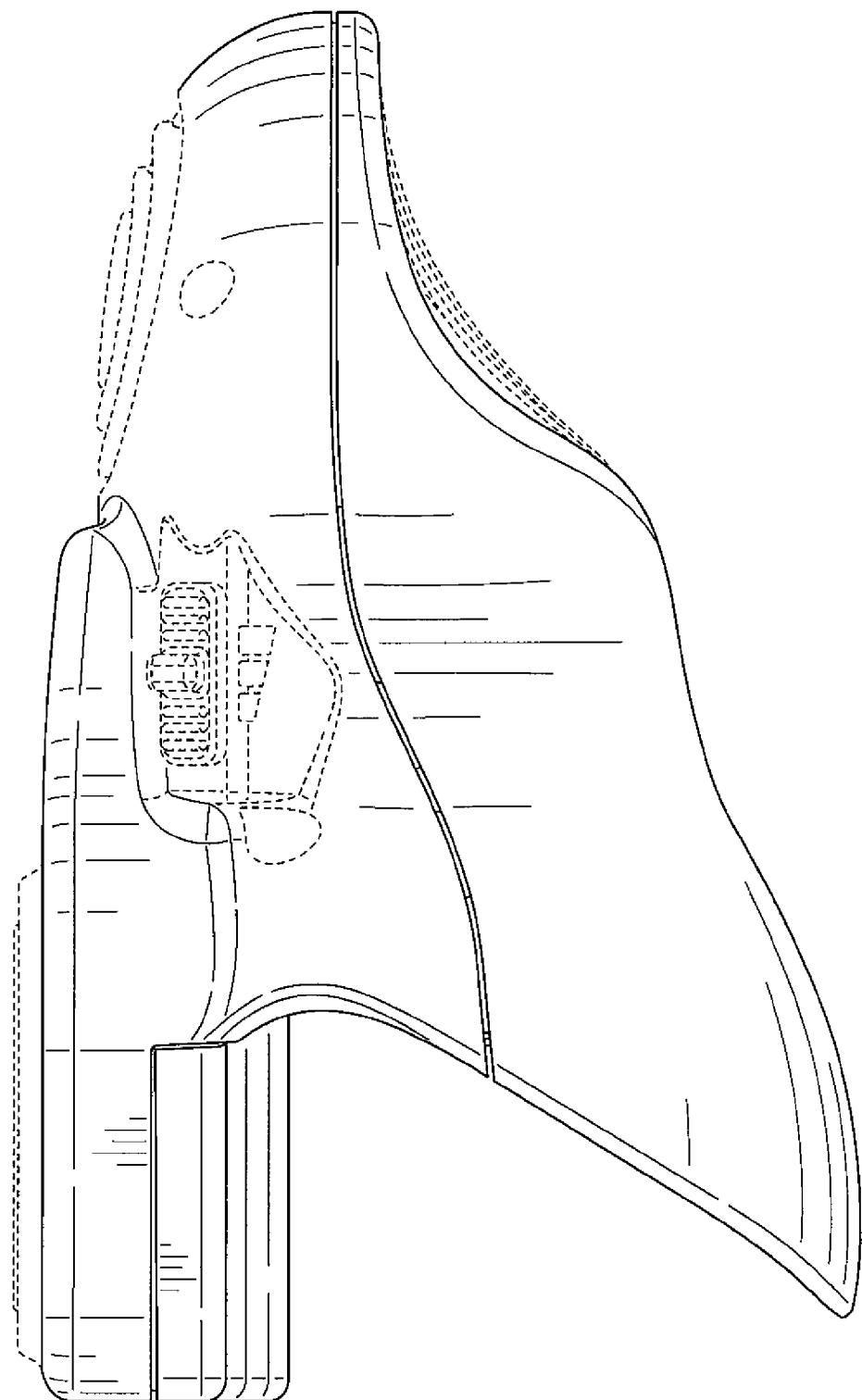


FIG. 4

**FIG. 5**

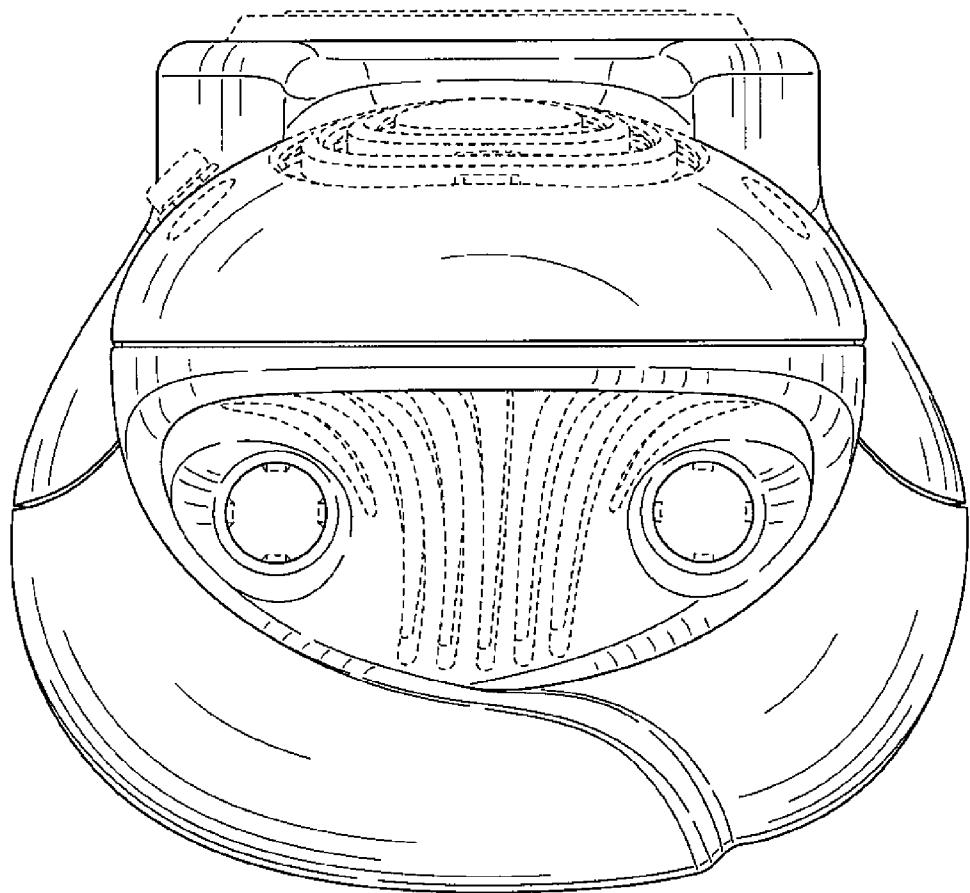


FIG. 6

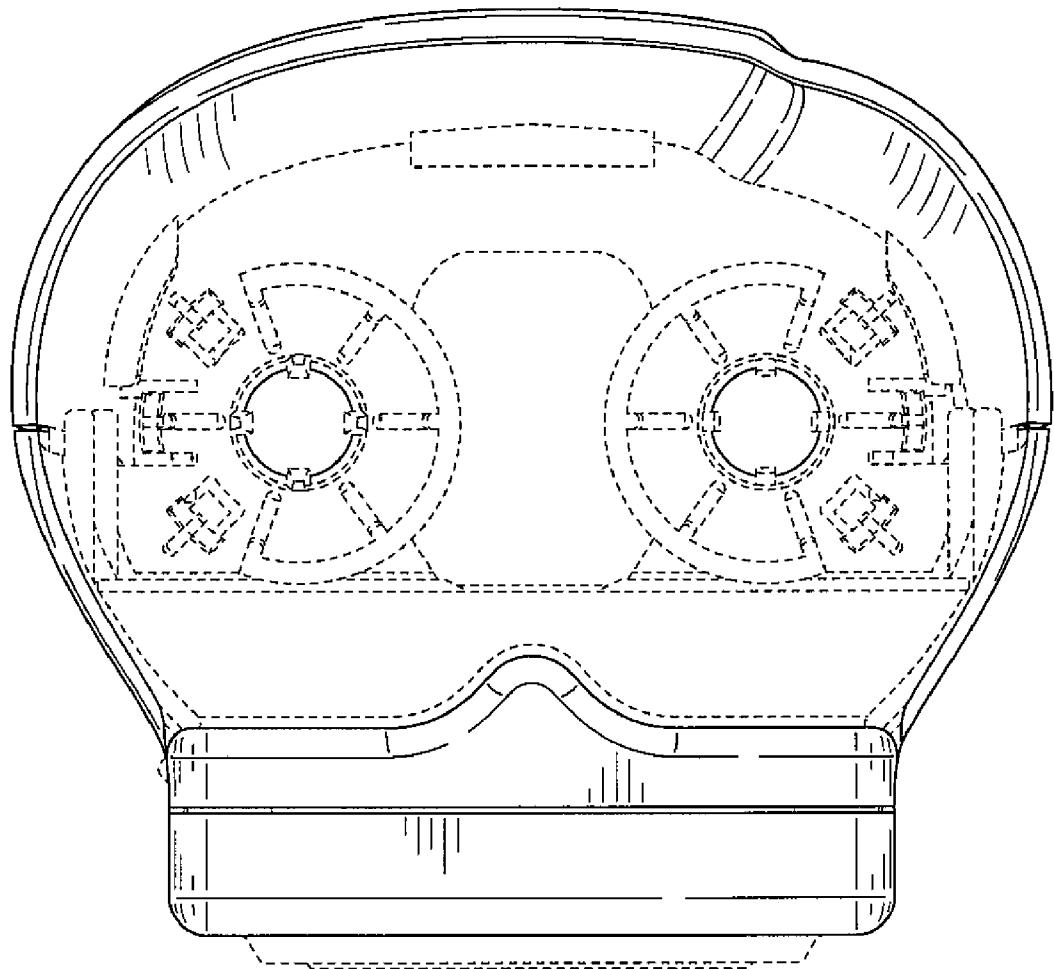


FIG. 7

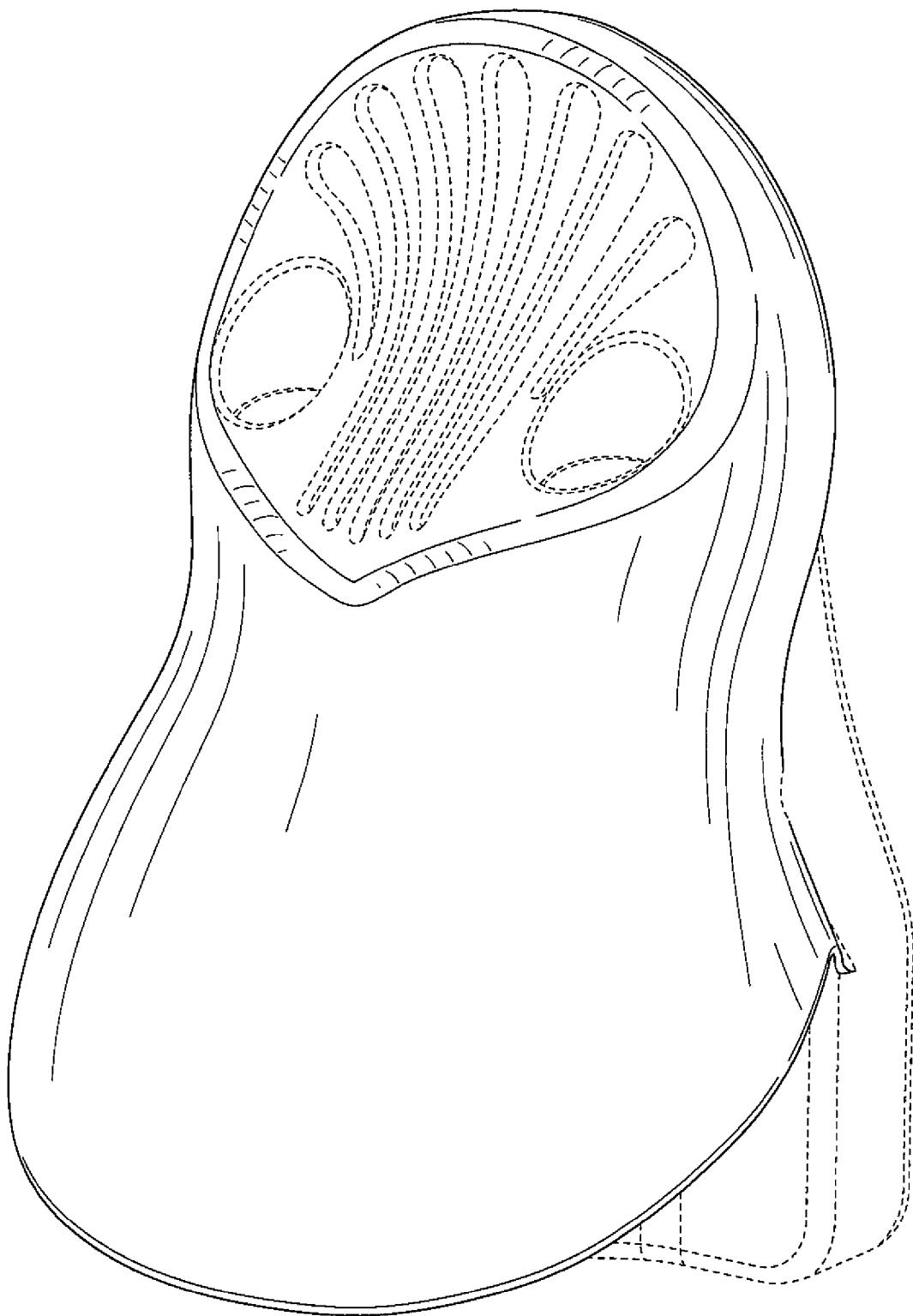


FIG. 8

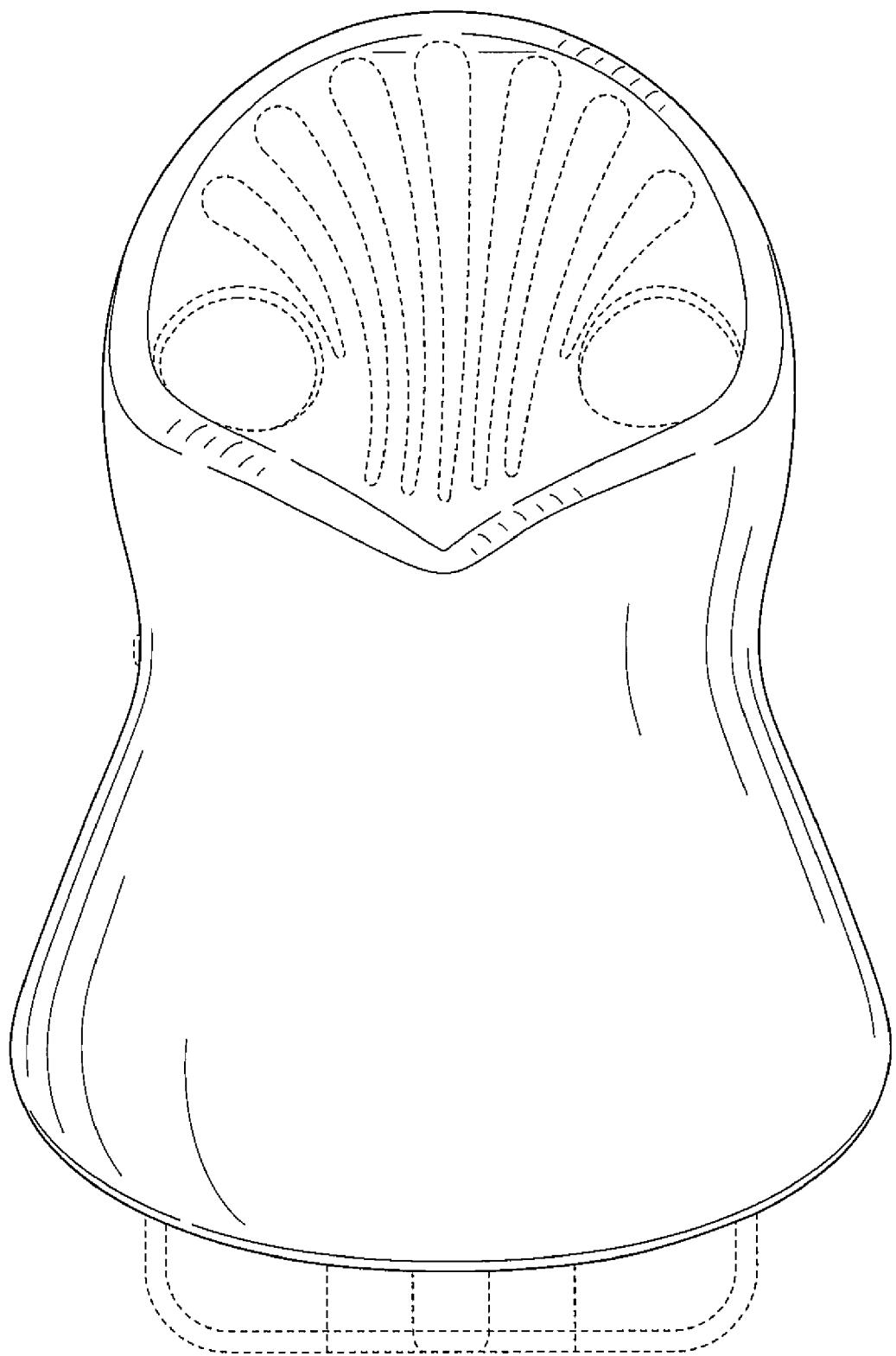
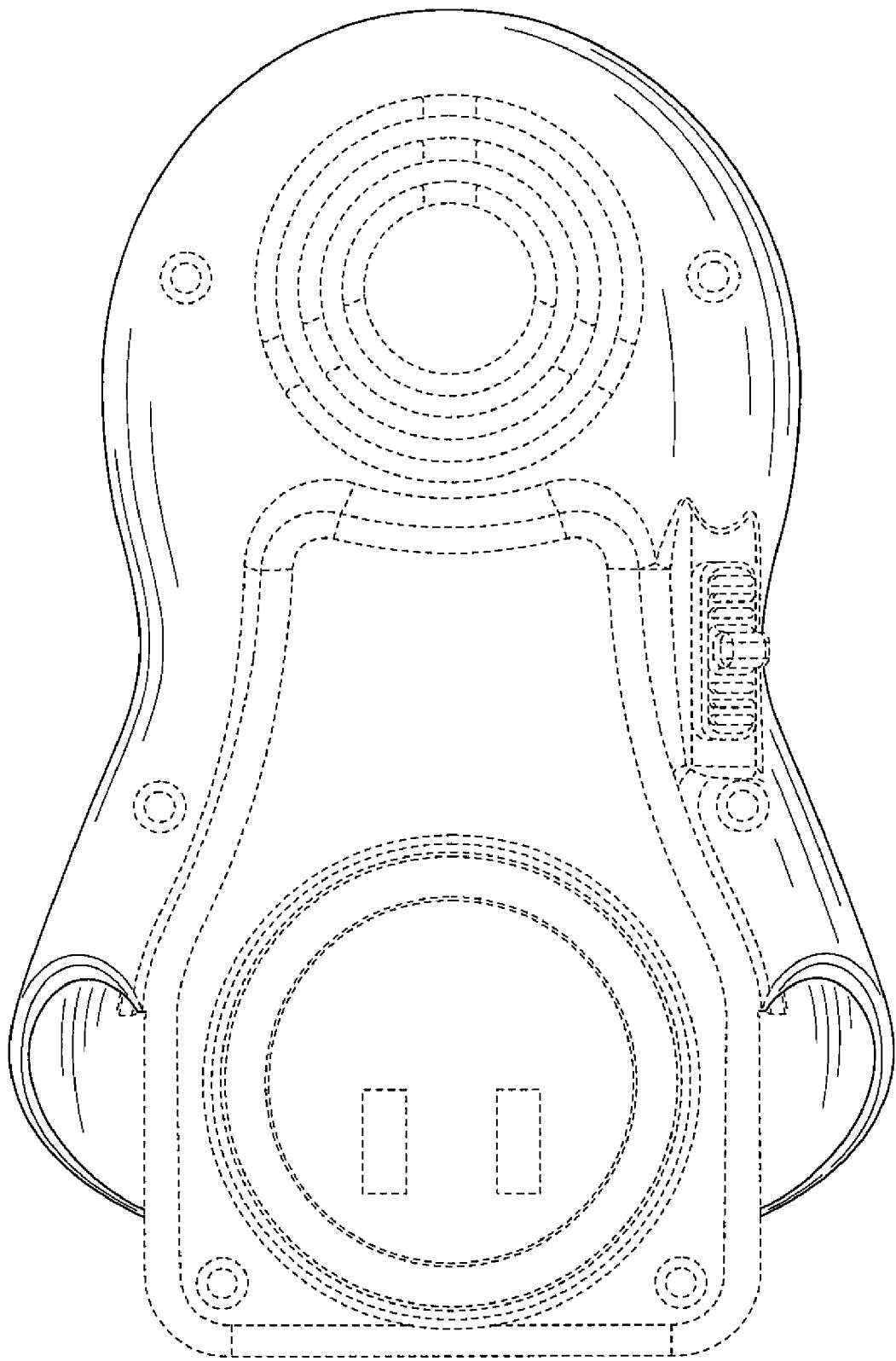


FIG. 9

**FIG. 10**

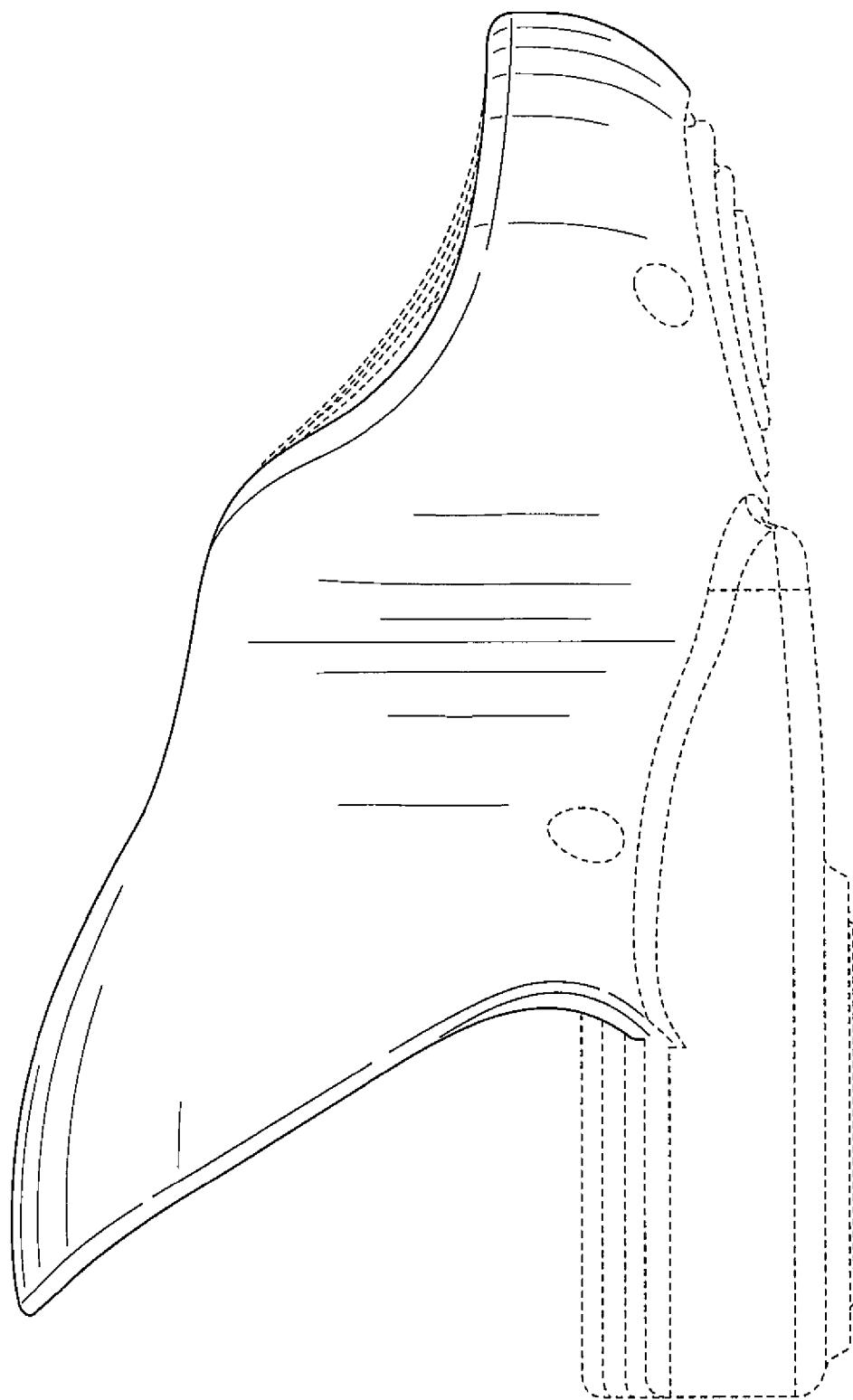
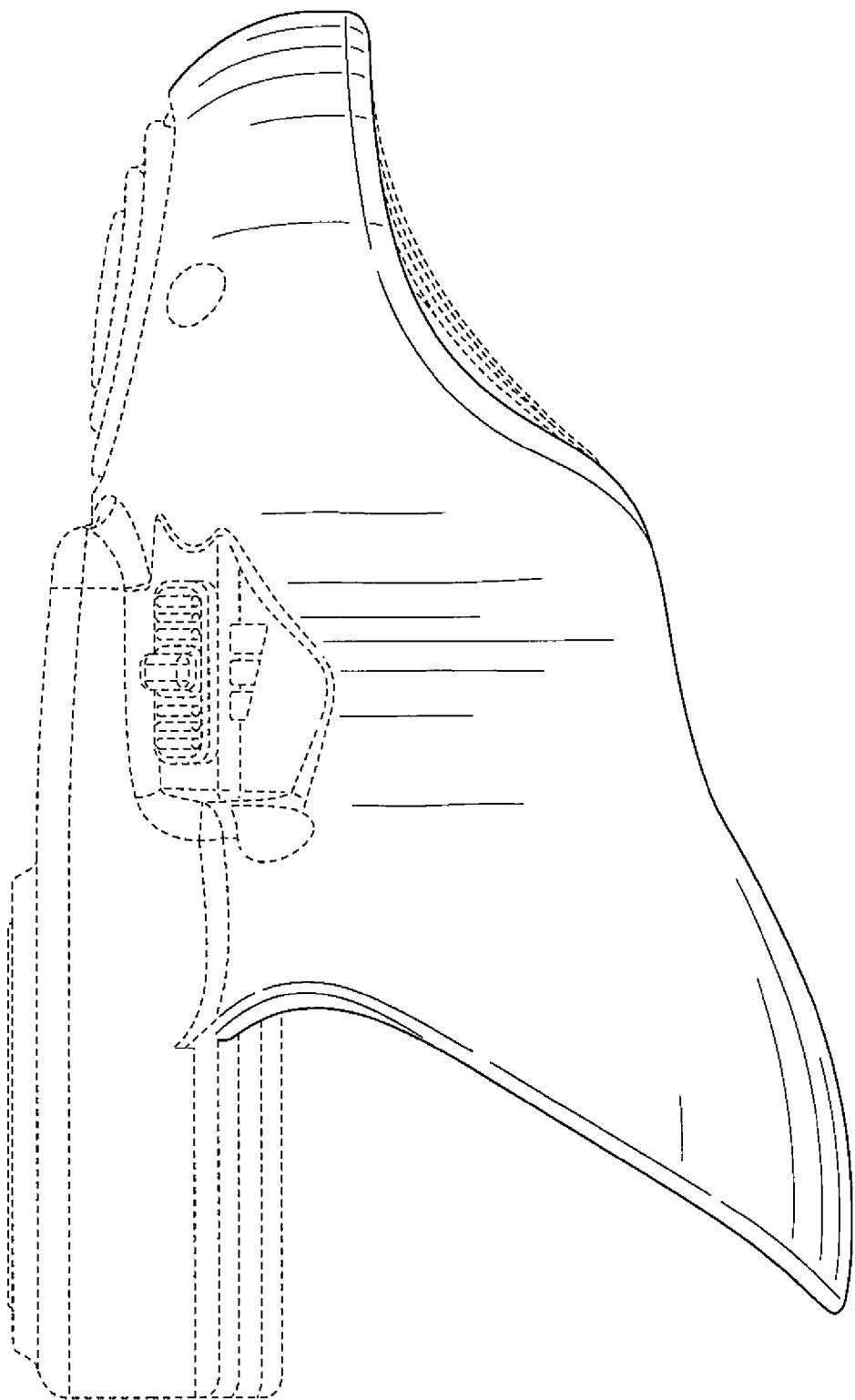


FIG. 11

**FIG. 12**

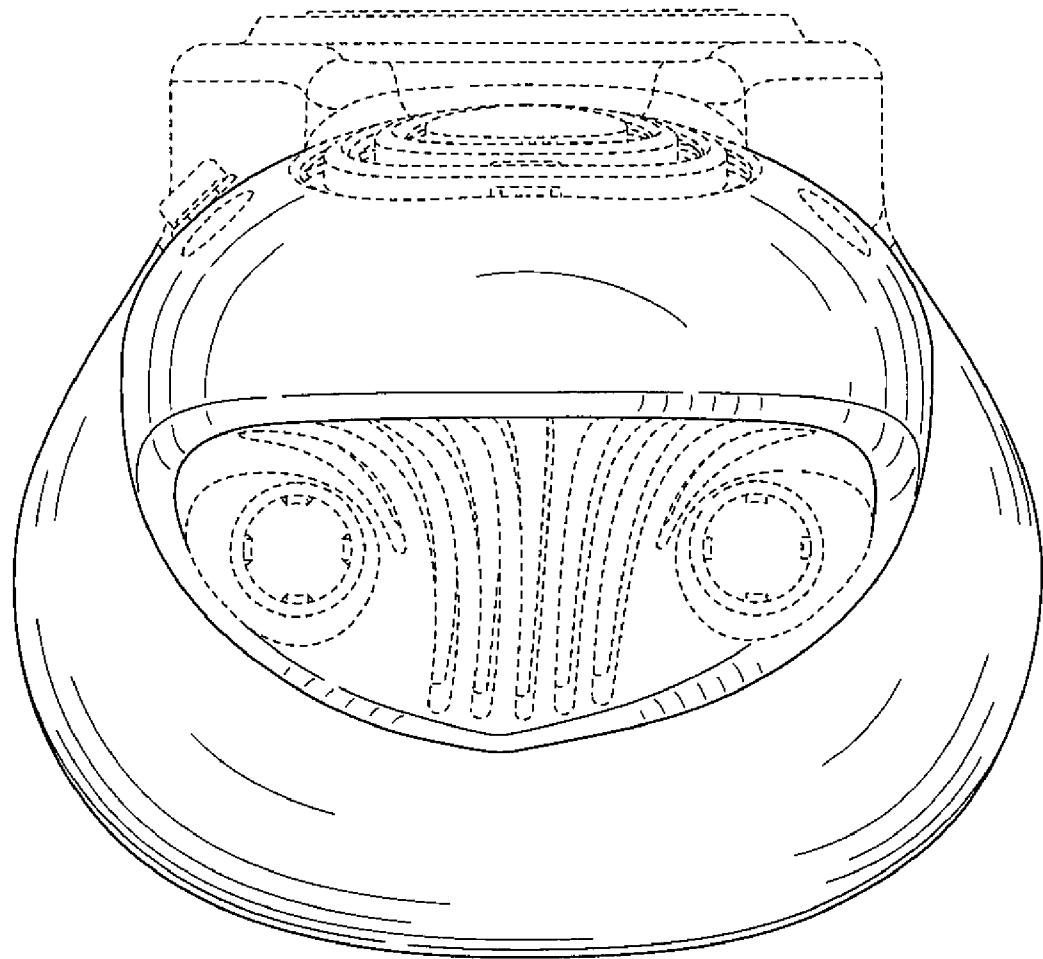


FIG. 13

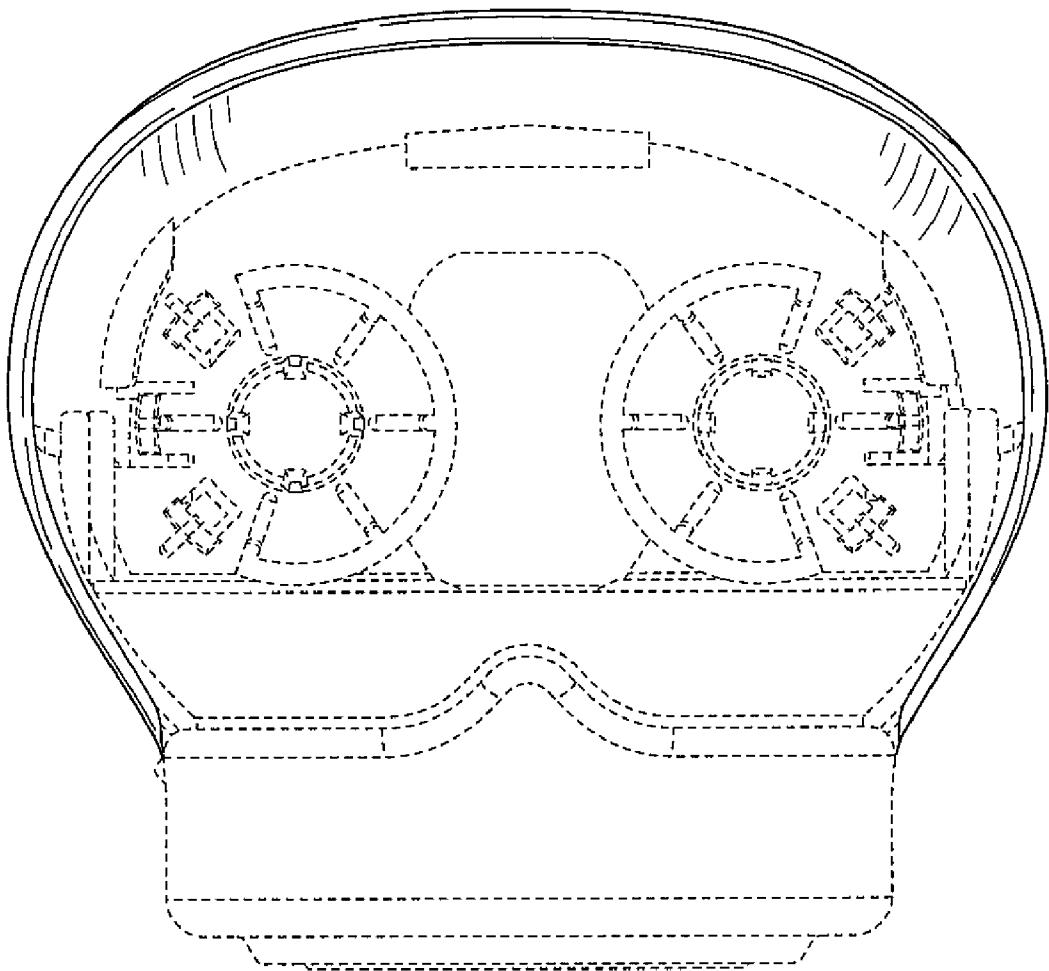


FIG. 14