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(54) **CORDLESS WATER FLOSSER**

(56)

References Cited

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U.S. PATENT DOCUMENTS

555,588 A	3/1896	Spencer
1,278,225 A	9/1918	Schamberg
1,452,258 A	4/1923	Smith
1,464,419 A	8/1923	Gill
1,480,310 A	1/1924	Smith
1,498,267 A	6/1924	Hachman
1,650,686 A	11/1927	Binks
1,669,889 A	5/1928	Andrews et al.
1,681,320 A	8/1928	Bergl et al.
1,933,454 A	10/1933	Sidney
1,940,111 A	12/1933	Austin
D93,019 S	8/1934	Hose
1,977,782 A	10/1934	Roy
2,107,686 A	2/1938	Bramsen et al.
D159,872 S	8/1950	Skold
2,531,730 A	11/1950	Henderson
2,595,666 A	5/1952	Hutson
2,669,233 A	2/1954	Friend
2,709,227 A	5/1955	Foley et al.
2,783,919 A	3/1957	Ansell
2,794,437 A	6/1957	Tash
2,870,932 A	1/1959	Davis
2,984,452 A	5/1961	Hooper
3,089,490 A	5/1963	Goldberg
3,096,913 A	7/1963	Jousson
3,144,867 A	8/1964	Trupp et al.
D202,041 S	8/1965	Burzloff
3,209,956 A	10/1965	McKenzie
3,216,619 A	11/1965	Richards et al.
3,225,759 A	12/1965	Drapen et al.
3,227,158 A	1/1966	Mattingly
3,266,623 A	8/1966	Poferl
3,297,558 A	1/1967	Hillquist
D208,778 S	10/1967	Koch
D209,204 S	11/1967	St. Clair et al.
D209,395 S	11/1967	Gilbert
D210,018 S	1/1968	Mattingly et al.
D210,019 S	1/1968	Johnson et al.
3,370,214 A	2/1968	Aymar
3,391,696 A	7/1968	Woodward
3,393,673 A	7/1968	Mattingly et al.
3,400,999 A	9/1968	Goldstein
3,418,552 A	12/1968	Holmes
3,420,228 A	1/1969	Kalbfeld
3,425,410 A	2/1969	Cammack
3,453,969 A	7/1969	Mattingly
3,465,751 A	9/1969	Powers
3,467,083 A	9/1969	Mattingly
D215,920 S	11/1969	McCarty et al.

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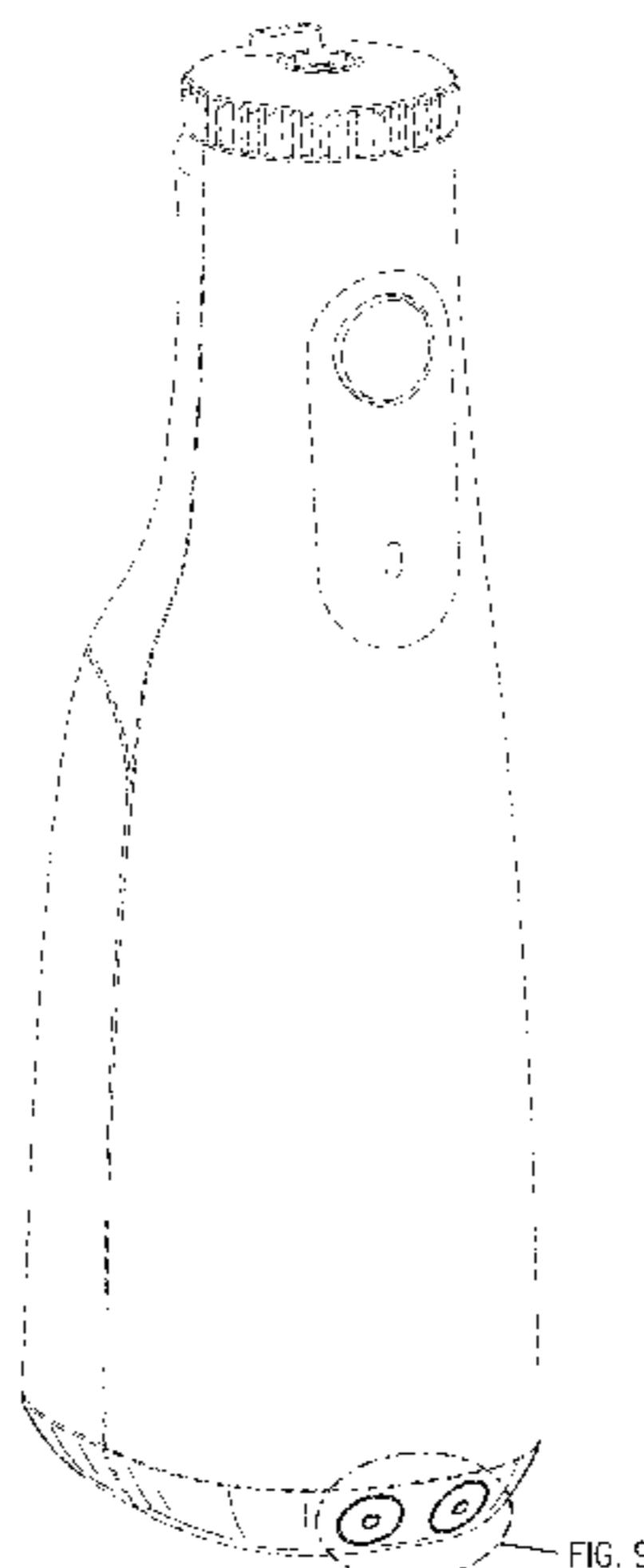
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US D969,994 S

Page 2

3,487,828 A	1/1970	Troy	4,236,889 A	12/1980	Wright
3,489,268 A	1/1970	Meierhoefer	D258,097 S	2/1981	Wistrand
3,495,587 A	2/1970	Freedman	4,248,589 A	2/1981	Lewis
3,496,933 A	2/1970	Lloyd	4,249,899 A	2/1981	Davis
3,499,440 A	3/1970	Gibbs	4,257,458 A	3/1981	Kondo et al.
3,500,824 A	3/1970	Gilbert	4,262,799 A	4/1981	Perrett
3,501,203 A	3/1970	Falk	4,266,934 A	5/1981	Pernot
3,502,072 A	3/1970	Stillman	4,276,023 A	6/1981	Phillips et al.
3,517,669 A	6/1970	Buono et al.	4,276,880 A	7/1981	Malmin
D218,270 S	8/1970	Soper	4,302,186 A	11/1981	Cammack et al.
3,522,801 A	8/1970	Robinson	4,303,064 A	12/1981	Buffa
3,532,221 A	10/1970	Kaluhiokalani et al.	4,303,070 A	12/1981	Ichikawa et al.
3,536,065 A	10/1970	Moret	4,306,862 A	12/1981	Knox
3,537,444 A	11/1970	Garn	4,315,741 A	2/1982	Reichl
3,538,950 A	11/1970	Porteners	4,319,568 A	3/1982	Tregoning
3,547,110 A	12/1970	Balamuth	4,331,422 A	5/1982	Heyman
3,561,433 A	2/1971	Kovach	4,337,040 A	6/1982	Cammack et al.
D220,334 S	3/1971	Mackay et al.	4,340,365 A	7/1982	Pisanu
3,570,525 A	3/1971	Borsum	4,340,368 A	7/1982	Lococo
3,572,375 A	3/1971	Rosenberg	D266,117 S	9/1982	Oberheim
3,578,884 A	5/1971	Jacobson	4,353,694 A	10/1982	Pelerin
D220,996 S	6/1971	Irons	4,363,626 A	12/1982	Schmidt et al.
3,583,609 A	6/1971	Oppenheimer	4,365,376 A	12/1982	Oda et al.
3,590,813 A	7/1971	Roszyk	4,370,131 A	1/1983	Banko
3,608,548 A	9/1971	Lewis	4,374,354 A	2/1983	Petrovic et al.
D222,862 S	1/1972	Cook	4,382,167 A	5/1983	Maruyama et al.
3,636,947 A	1/1972	Balamuth	4,382,786 A	5/1983	Lohn
3,651,576 A	3/1972	Massa	D270,000 S	8/1983	Ketler
3,669,101 A	6/1972	Kleiner	4,412,823 A	11/1983	Sakai et al.
3,703,170 A	11/1972	Ryckman, Jr.	4,416,628 A	11/1983	Cammack
3,747,595 A	7/1973	Grossan	4,442,830 A	4/1984	Markau
3,768,472 A	10/1973	Hodosh et al.	4,442,831 A	4/1984	Trenary
3,783,364 A	1/1974	Gallanis et al.	4,452,238 A	6/1984	Kerr
3,809,506 A	5/1974	Malcosky	4,454,866 A	6/1984	Fayen
3,809,977 A	5/1974	Balamuth et al.	4,512,769 A	4/1985	Kozam et al.
3,811,432 A	5/1974	Moret	4,517,962 A	5/1985	Heckele
3,820,532 A	6/1974	Eberhardt et al.	4,531,912 A	7/1985	Schuss et al.
3,827,147 A	8/1974	Condon	4,531,913 A	7/1985	Taguchi
3,837,166 A	9/1974	Hiraoka	4,534,340 A	8/1985	Kerr et al.
3,840,795 A	10/1974	Roszyk et al.	4,552,130 A	11/1985	Kinoshita
3,847,145 A	11/1974	Grossan	4,561,214 A	12/1985	Inoue
3,854,209 A	12/1974	Franklin et al.	D283,374 S	4/1986	Cheuk-Yiu
3,863,628 A	2/1975	Vit	4,585,415 A	4/1986	Hommann
3,871,560 A	3/1975	Crippa	4,591,777 A	5/1986	McCarty et al.
3,874,506 A	4/1975	Hill et al.	4,592,728 A	6/1986	Davis
3,912,125 A	10/1975	Acklin	4,602,906 A	7/1986	Grunenfelder
3,943,628 A	3/1976	Kronman et al.	4,607,627 A	8/1986	Leber et al.
3,959,883 A	6/1976	Walls et al.	4,613,074 A	9/1986	Schulze
3,973,558 A	8/1976	Stouffer et al.	4,619,009 A	10/1986	Rosenstatter
3,977,084 A	8/1976	Sloan	4,619,612 A	10/1986	Weber et al.
4,001,526 A	1/1977	Olson	4,629,425 A	12/1986	Detsch
4,004,302 A	1/1977	Hori	4,636,198 A	1/1987	Stade
4,007,739 A	2/1977	Bron et al.	4,642,037 A	2/1987	Fritchman
4,013,227 A	3/1977	Herrera	4,644,937 A	2/1987	Hommann
4,052,002 A	10/1977	Stouffer et al.	4,645,488 A	2/1987	Matukas
D246,667 S	12/1977	Mackay et al.	4,647,831 A	3/1987	O'Malley et al.
D246,668 S	12/1977	Mackay et al.	4,648,838 A	3/1987	Schlachter
4,060,870 A	12/1977	Cannarella	4,650,475 A	3/1987	Smith et al.
4,075,761 A	2/1978	Behne et al.	4,655,198 A	4/1987	Hommann
4,078,558 A	3/1978	Woog et al.	4,669,453 A	6/1987	Atkinson et al.
4,094,311 A	6/1978	Hudson	4,672,953 A	6/1987	DiVito
4,108,167 A	8/1978	Hickman et al.	4,673,396 A	6/1987	Urbaniak
4,108,178 A	8/1978	Betush	D291,354 S	8/1987	Camens
4,109,650 A	8/1978	Peclard	4,716,352 A	12/1987	Hurn et al.
4,122,845 A	10/1978	Stouffer et al.	4,749,340 A	6/1988	Ikeda et al.
4,135,501 A	1/1979	Leunissan	4,770,632 A	9/1988	Ryder et al.
4,141,352 A	2/1979	Ebner et al.	D298,565 S	11/1988	Kohler, Jr. et al.
4,144,646 A	3/1979	Takemoto et al.	4,783,321 A	11/1988	Spence
4,149,315 A	4/1979	Page, Jr. et al.	4,787,845 A	11/1988	Valentine
4,154,375 A	5/1979	Bippus	4,787,847 A	11/1988	Martin et al.
4,160,383 A	7/1979	Rauschenberger	4,798,292 A	1/1989	Hauze
4,171,572 A	10/1979	Nash	4,803,974 A	2/1989	Powell
4,182,038 A	1/1980	Fleer	4,804,364 A	2/1989	Dieras et al.
4,200,235 A	4/1980	Monschke	4,818,229 A	4/1989	Vasile
4,201,200 A	5/1980	Hubner	4,820,152 A	4/1989	Warrin et al.
4,215,476 A	8/1980	Armstrong	4,821,923 A	4/1989	Skorka
4,219,618 A	8/1980	Leonard	4,824,368 A	4/1989	Hickman
4,227,878 A	10/1980	Lohn	4,826,431 A	5/1989	Fujimura et al.
4,229,634 A	10/1980	Hickman et al.	4,827,551 A	5/1989	Maser et al.

US D969,994 S

Page 3

4,832,683 A	5/1989	Idemoto et al.	5,252,064 A	10/1993	Baum et al.
4,854,869 A	8/1989	Lawhorn	D341,200 S	11/1993	Yoshimoto
4,861,340 A	8/1989	Smith et al.	5,257,933 A	11/1993	Jousson
4,862,876 A	9/1989	Lih-Sheng	5,261,448 A	11/1993	Furuya et al.
4,869,720 A	9/1989	Chernack	D341,943 S	12/1993	Si-Hoe
4,880,382 A	11/1989	Moret et al.	5,267,586 A	12/1993	Jankavaara
4,886,452 A	12/1989	Lohn	5,269,684 A	12/1993	Fischer
4,900,252 A	2/1990	Liefke et al.	5,281,137 A	1/1994	Jousson
4,902,225 A	2/1990	Lohn	5,281,139 A	1/1994	Frank et al.
4,903,687 A	2/1990	Lih-Sheng	5,282,745 A	2/1994	Wiltrout et al.
4,906,187 A	3/1990	Amadera	5,286,192 A	2/1994	Dixon
4,907,744 A	3/1990	Jousson	5,286,201 A	2/1994	Yu
4,925,450 A	5/1990	Imonti et al.	5,295,832 A	3/1994	Evans
4,928,675 A	5/1990	Thornton	5,297,962 A	3/1994	O'Connor et al.
4,930,660 A	6/1990	Porteous	D346,212 S	4/1994	Hosl
4,941,459 A	7/1990	Mathur	5,301,381 A	4/1994	Klupt
4,950,159 A	8/1990	Hansen	5,302,123 A	4/1994	Bechard
4,958,629 A	9/1990	Peace et al.	5,317,691 A	5/1994	Traeger
4,958,751 A	9/1990	Curtis et al.	5,321,865 A	6/1994	Kaeser
4,959,199 A	9/1990	Brewer	5,331,704 A	7/1994	Rosen et al.
4,961,698 A	10/1990	Vlock	D349,558 S	8/1994	Albers
4,966,551 A	10/1990	Betush	5,344,317 A	9/1994	Pacher et al.
4,969,874 A	11/1990	Michel et al.	5,346,677 A	9/1994	Risk
4,973,246 A	11/1990	Black	D351,892 S	10/1994	Wolf et al.
4,973,247 A	11/1990	Varnes et al.	5,360,338 A	11/1994	Waggoner
4,973,250 A	11/1990	Milman	5,368,548 A	11/1994	Jousson
4,975,054 A	12/1990	Esrock	5,370,534 A	12/1994	Wolf et al.
4,979,503 A	12/1990	Chernack	D354,168 S	1/1995	Hartwein
4,979,504 A	12/1990	Mills	D354,559 S	1/1995	Knute
4,989,590 A	2/1991	Baum et al.	5,378,149 A	1/1995	Stropko
4,998,880 A	3/1991	Nerli	5,380,201 A	1/1995	Kawata
5,013,241 A	5/1991	Von Gutfeld et al.	D356,864 S	3/1995	Woog
5,014,884 A	5/1991	Wunsch	5,399,089 A	3/1995	Eichman et al.
5,019,054 A	5/1991	Clement et al.	D358,883 S	5/1995	Vos
5,027,798 A	7/1991	Primiano	5,456,672 A	10/1995	Diederich et al.
5,029,576 A	7/1991	Evans, Sr.	5,465,445 A	11/1995	Yeh
5,033,617 A	7/1991	Hartwein et al.	5,467,495 A	11/1995	Boland et al.
5,033,961 A	7/1991	Kandler et al.	5,468,148 A	11/1995	Ricks
D318,918 S	8/1991	Hartwein	5,470,305 A	11/1995	Arnett et al.
5,046,486 A	9/1991	Grulke et al.	5,474,450 A	12/1995	Chronister
5,049,071 A	9/1991	Davis et al.	5,474,451 A	12/1995	Dalrymple et al.
5,060,825 A	10/1991	Palmer et al.	5,476,379 A	12/1995	Disel
5,061,180 A	10/1991	Wiele	5,484,281 A	1/1996	Renow et al.
5,062,795 A	11/1991	Woog	5,487,877 A	1/1996	Choi
5,064,168 A	11/1991	Raines et al.	5,490,779 A	2/1996	Malmin
D322,314 S	12/1991	Ohbayashi	5,505,916 A	4/1996	Berry, Jr.
5,071,346 A	12/1991	Domaas	D369,656 S	5/1996	Vos
5,082,115 A	1/1992	Hutcheson	D370,125 S	5/1996	Craft et al.
5,082,443 A	1/1992	Lohn	5,525,058 A	6/1996	Gallant et al.
5,085,317 A	2/1992	Jensen et al.	5,526,841 A	6/1996	Detsch et al.
5,086,756 A	2/1992	Powell	5,540,587 A	7/1996	Malmin
5,095,893 A	3/1992	Rawden, Jr.	5,547,374 A	8/1996	Coleman
5,098,291 A	3/1992	Curtis et al.	D373,631 S	9/1996	Maeda et al.
5,098,676 A	3/1992	Brooks, Jr.	5,554,014 A	9/1996	Becker
5,100,319 A	3/1992	Baum	5,554,025 A	9/1996	Kinsel
5,117,871 A	6/1992	Gardner et al.	5,556,001 A	9/1996	Weissman et al.
5,125,835 A	6/1992	Young	5,564,629 A	10/1996	Weissman et al.
5,127,831 A	7/1992	Bab	D376,893 S	12/1996	Gornet
5,142,723 A	9/1992	Lustig et al.	D377,091 S	12/1996	Scott, Sr.
5,150,841 A	9/1992	Silvenis et al.	5,613,259 A	3/1997	Craft et al.
5,172,810 A	12/1992	Brewer	5,616,028 A	4/1997	Hafele et al.
5,173,273 A	12/1992	Brewer	5,626,472 A	5/1997	Pennetta
5,183,035 A	2/1993	Weir	5,634,791 A	6/1997	Matsuura et al.
5,197,458 A	3/1993	Ito et al.	5,636,987 A	6/1997	Serfaty
5,197,460 A	3/1993	Ito et al.	5,640,735 A	6/1997	Manning
5,199,871 A	4/1993	Young	D382,407 S	8/1997	Craft et al.
5,203,697 A	4/1993	Malmin	5,653,591 A	8/1997	Loge
5,203,769 A	4/1993	Clement et al.	5,659,995 A	8/1997	Hoffman
5,204,004 A	4/1993	Johnston et al.	5,667,483 A	9/1997	Santos
5,208,933 A	5/1993	Lustig et al.	D386,576 S	11/1997	Wang et al.
5,215,193 A	6/1993	Dennis	5,683,192 A	11/1997	Kilfoil
5,218,956 A	6/1993	Handler et al.	5,685,829 A	11/1997	Allen
5,220,914 A	6/1993	Thompson	5,685,851 A	11/1997	Murphy et al.
5,228,646 A	7/1993	Raines	5,697,784 A	12/1997	Hafele et al.
5,230,624 A	7/1993	Wolf et al.	D388,612 S	1/1998	Stutzer et al.
5,232,687 A	8/1993	Geimer	D388,613 S	1/1998	Stutzer et al.
5,235,968 A	8/1993	Woog	D389,091 S	1/1998	Dickinson
5,241,714 A	9/1993	Barry	5,709,545 A	1/1998	Johnston et al.
5,246,367 A	9/1993	Ito et al.	D390,934 S	2/1998	McKeone

US D969,994 S

Page 4

5,716,007 A	2/1998	Nottingham et al.	6,659,674 B2	12/2003	Carlucci et al.
5,718,668 A	2/1998	Arnett et al.	6,669,059 B2	12/2003	Mehta
5,746,595 A	5/1998	Ford	D484,971 S	1/2004	Hartwein
5,749,726 A	5/1998	Kinsel	6,681,418 B1	1/2004	Bierend
5,759,502 A	6/1998	Spencer et al.	D486,573 S	2/2004	Callaghan et al.
5,779,471 A	7/1998	Tseng et al.	6,689,078 B1	2/2004	Rehkemper et al.
5,779,654 A	7/1998	Foley et al.	6,699,208 B2	3/2004	Bachman et al.
5,795,153 A	8/1998	Rechmann	6,719,561 B2	4/2004	Gugel et al.
5,796,325 A	8/1998	Lundell et al.	D489,183 S	5/2004	Akahori et al.
5,833,065 A	11/1998	Burgess	6,739,782 B1	5/2004	Rehkemper et al.
5,836,030 A	11/1998	Hazeu et al.	6,740,053 B2	5/2004	Kaplowitz
D402,744 S	12/1998	Zuege	D490,899 S	6/2004	Gagnon
5,851,079 A	12/1998	Horstman et al.	D491,728 S	6/2004	Jimenez
D403,511 S	1/1999	Serbinski	D492,996 S	7/2004	Rehkemper et al.
D406,334 S	3/1999	Rosenthal et al.	6,761,324 B2	7/2004	Chang
5,876,201 A	3/1999	Wilson et al.	6,766,549 B2	7/2004	Klupt
D408,511 S	4/1999	Allen et al.	D495,142 S	8/2004	Berde
5,901,397 A	5/1999	Häfele et al.	D495,143 S	8/2004	Berde
5,934,902 A	8/1999	Abahusayn	6,779,216 B2	8/2004	Davies et al.
D413,975 S	9/1999	Maeda	6,783,004 B1	8/2004	Rinner
D416,999 S	11/1999	Miyamoto	6,783,505 B1	8/2004	Lai
D417,082 S	11/1999	Classen et al.	6,796,796 B2	9/2004	Segal
5,993,402 A	11/1999	Sauer et al.	D498,643 S	11/2004	Pryor
6,030,215 A	2/2000	Lion et al.	6,814,259 B1	11/2004	Foster et al.
6,038,960 A	3/2000	Fukushima et al.	D499,885 S	12/2004	Xi
6,039,180 A	3/2000	Grant	6,835,181 B2	12/2004	Hippensteel
6,047,429 A	4/2000	Wu	D500,599 S	1/2005	Callaghan
D424,181 S	5/2000	Caplow	6,837,708 B2	1/2005	Chen et al.
D425,615 S	5/2000	Bachman et al.	6,884,069 B2	4/2005	Goldman
D425,981 S	5/2000	Bachman et al.	6,902,337 B1	6/2005	Kuo
6,056,710 A	5/2000	Bachman et al.	6,907,879 B2	6/2005	Drinan et al.
D426,633 S	6/2000	Bachman et al.	D509,585 S	9/2005	Kling et al.
6,089,865 A	7/2000	Edgar	D513,638 S	1/2006	Pan
6,116,866 A	9/2000	Tomita et al.	D515,215 S	2/2006	Wang
6,120,755 A	9/2000	Jacobs	D522,652 S	6/2006	Massey
6,124,699 A	9/2000	Suzuki et al.	7,080,980 B2	7/2006	Klupt
D434,500 S	11/2000	Pollock et al.	D529,661 S	10/2006	Schmidt
6,159,006 A	12/2000	Cook et al.	D530,010 S	10/2006	Luetzgen et al.
6,164,967 A	12/2000	Sale et al.	7,117,555 B2	10/2006	Fattori et al.
D435,905 S	1/2001	Bachman et al.	D532,570 S	11/2006	Vizcarra
D437,049 S	1/2001	Hartwein	7,131,838 B2	11/2006	Suzuki et al.
6,193,512 B1	2/2001	Wallace	D533,720 S	12/2006	Vu
6,193,932 B1	2/2001	Wu et al.	D538,474 S	3/2007	Sheppard et al.
6,199,239 B1	3/2001	Dickerson	D548,334 S	8/2007	Izumi
6,200,134 B1	3/2001	Kovac	D550,097 S	9/2007	Lepoitevin
D439,781 S	4/2001	Spore	D553,980 S	10/2007	VerWeyst
6,217,835 B1	4/2001	Riley et al.	7,276,035 B2	10/2007	Lu
D441,861 S	5/2001	Haffiger	7,314,456 B2	1/2008	Shaw
6,233,773 B1	5/2001	Karge et al.	D565,175 S	3/2008	Boyd et al.
6,234,205 B1	5/2001	D'Amelio et al.	7,344,510 B1	3/2008	Yande
6,237,178 B1	5/2001	Krammer et al.	D565,713 S	4/2008	Gao
6,247,929 B1	6/2001	Bachman et al.	7,367,803 B2	5/2008	Egeresi
6,280,190 B1	8/2001	Hoffman	D574,952 S	8/2008	Boyd et al.
D448,236 S	9/2001	Murray	D577,198 S	9/2008	Jimenez
6,293,792 B1	9/2001	Hanson	D577,814 S	9/2008	Seki et al.
D449,884 S	10/2001	Tobin et al.	D581,279 S	11/2008	Oates
D453,453 S	2/2002	Lun	7,455,521 B2	11/2008	Fishburne, Jr.
D455,201 S	4/2002	Jones	D581,763 S	12/2008	Post
D455,203 S	4/2002	Jones et al.	7,469,440 B2	12/2008	Boland et al.
6,363,565 B1	4/2002	Paffrath	D585,132 S	1/2009	Pukall
D457,949 S	5/2002	Krug	D588,262 S	3/2009	Pukall
D464,799 S	10/2002	Crossman et al.	7,500,584 B2	3/2009	Schutz
6,468,482 B1	10/2002	Frieze et al.	D590,492 S	4/2009	Powell
6,475,173 B1	11/2002	Bachman et al.	D592,748 S	5/2009	Boulton
6,485,451 B1	11/2002	Roberts et al.	D595,136 S	6/2009	Canamasas Puigbo
6,497,375 B1	12/2002	Srinath et al.	D600,108 S	9/2009	Swan
6,497,572 B2	12/2002	Hood et al.	D601,694 S	10/2009	Rocklin
6,502,584 B1	1/2003	Fordham	D601,697 S	10/2009	Sobeich et al.
D470,660 S	2/2003	Schaber	D603,708 S	11/2009	Handy
6,558,344 B2	5/2003	McKinnon et al.	D608,430 S	1/2010	Slothower
6,561,808 B2	5/2003	Neuberger et al.	7,670,141 B2	3/2010	Thomas et al.
D475,346 S	6/2003	McCurrach et al.	7,677,888 B1	3/2010	Halm
D476,743 S	7/2003	D'Silva	D613,550 S	4/2010	Picozza et al.
6,589,477 B1	7/2003	Frieze et al.	D621,949 S	8/2010	Seki et al.
6,602,071 B1	8/2003	Ellion et al.	D622,928 S	9/2010	Griebel
6,632,091 B1	10/2003	Cise et al.	D623,376 S	9/2010	Griebel
D482,451 S	11/2003	Page et al.	D625,406 S	10/2010	Seki et al.
6,640,999 B2	11/2003	Peterson	7,814,585 B1	10/2010	Reich
6,647,577 B2	11/2003	Tam	D629,884 S	12/2010	Stephens

US D969,994 S

7,857,623 B2	12/2010	Grez	D945,601 S *	3/2022	Bondurant	D24/111
7,862,536 B2	1/2011	Chen et al.	2002/0090252 A1	7/2002	Hall et al.	
7,959,597 B2	6/2011	Baker et al.	2002/0108193 A1	8/2002	Gruber	
D640,872 S	7/2011	Nanda	2002/0119415 A1	8/2002	Bailey	
D648,539 S	11/2011	Wai	2002/0152565 A1	10/2002	Klupt	
D651,409 S	1/2012	Papenfu	2003/0060743 A1	3/2003	Chang	
D651,805 S	1/2012	Hay	2003/0098249 A1	5/2003	Rollock	
D653,340 S	1/2012	Goerge et al.	2003/0204155 A1	10/2003	Egeresi	
8,113,832 B2	2/2012	Snyder et al.	2003/0213075 A1	11/2003	Hui et al.	
D655,380 S	3/2012	Taylor	2004/0045107 A1	3/2004	Egeresi	
D658,381 S	5/2012	Gebski	2004/0076921 A1	4/2004	Gofman et al.	
D658,538 S	5/2012	Korzeniowski	2004/0122377 A1	6/2004	Fischer et al.	
8,220,726 B2	7/2012	Qiu et al.	2004/0126730 A1	7/2004	Panagotacos	
D666,912 S	9/2012	Kawai	2004/0209222 A1	10/2004	Snyder	
8,256,979 B2	9/2012	Hilscher et al.	2005/0049620 A1	3/2005	Chang	
D668,339 S	10/2012	Luoto	2005/0064371 A1	3/2005	Soukos et al.	
D669,169 S	10/2012	Washington et al.	2005/0101894 A1	5/2005	Hippensteel	
8,297,534 B2	10/2012	Li et al.	2005/0102773 A1	5/2005	Obermann et al.	
D670,373 S	11/2012	Taylor	2005/0144745 A1	7/2005	Russell	
D670,958 S	11/2012	Picozza et al.	2005/0177079 A1	8/2005	Pan	
D671,637 S	11/2012	Gebski et al.	2005/0271531 A1	12/2005	Brown et al.	
D672,018 S	12/2012	Bucher	2006/0008373 A1	1/2006	Schutz	
8,366,024 B2	2/2013	Leber et al.	2006/0010624 A1	1/2006	Cleland	
8,403,577 B2	3/2013	Khoshnevis	2006/0026784 A1	2/2006	Moskovich et al.	
8,403,665 B2	3/2013	Thomas et al.	2006/0057539 A1	3/2006	Sodo	
8,408,483 B2	4/2013	Boyd et al.	2006/0078844 A1	4/2006	Goldman et al.	
D686,311 S	7/2013	Mori	2006/0079818 A1	4/2006	Yande	
D694,378 S	11/2013	Bates	2007/0082316 A1	4/2007	Zhadanov et al.	
D694,398 S	11/2013	Taylor	2007/0082317 A1	4/2007	Chuang	
D700,343 S	2/2014	Liu	2007/0113360 A1	5/2007	Tsai	
D702,819 S	4/2014	Garland	2007/0202459 A1	8/2007	Boyd et al.	
D702,821 S	4/2014	Garland	2007/0203439 A1	8/2007	Boyd et al.	
D707,350 S	6/2014	Woodard	2007/0254260 A1	11/2007	Alden	
D709,183 S	7/2014	Kemlein	2008/0008979 A1	1/2008	Thomas	
D714,929 S	10/2014	Kim et al.	2008/0189951 A1	8/2008	Molema et al.	
D714,930 S	10/2014	Kim et al.	2008/0213719 A1	9/2008	Giniger et al.	
D717,412 S	11/2014	Bucher	2009/0070949 A1	3/2009	Sagel et al.	
D717,427 S	11/2014	Kim	2009/0082706 A1	3/2009	Shaw	
D718,855 S	12/2014	Kim et al.	2009/0124945 A1	5/2009	Reich et al.	
D723,387 S	3/2015	Fath	2009/0163839 A1	6/2009	Alexander	
D725,770 S	3/2015	Kim et al.	2009/0188780 A1	7/2009	Watanabe	
D731,640 S	6/2015	Kim et al.	2009/0281454 A1	11/2009	Baker et al.	
D735,305 S	7/2015	Obara	2010/0010524 A1	1/2010	Barrington	
D740,936 S	10/2015	Kim et al.	2010/0015566 A1	1/2010	Shaw	
D745,329 S	12/2015	Ong	2010/0190132 A1	7/2010	Taylor et al.	
D746,975 S	1/2016	Schenck	2010/0239998 A1	9/2010	Snyder et al.	
D747,464 S	1/2016	Taylor	2010/0261134 A1	10/2010	Boyd et al.	
D754,330 S	4/2016	Kim et al.	2010/0261137 A1	10/2010	Boyd et al.	
D756,122 S	5/2016	Taylor	2010/0326536 A1	12/2010	Nan	
D764,051 S	8/2016	Wang	2010/0330527 A1	12/2010	Boyd et al.	
D766,423 S	9/2016	Kim et al.	2011/0027749 A1	2/2011	Syed	
D772,396 S	11/2016	Kim	2011/0076090 A1	3/2011	Wu et al.	
D772,397 S	11/2016	Kim	2011/0097683 A1	4/2011	Boyd et al.	
D778,433 S	2/2017	Li	2011/0139826 A1	6/2011	Hair et al.	
D780,908 S	3/2017	Ladwig	2011/0144588 A1	6/2011	Taylor	
D782,326 S	3/2017	Fath	2011/0184341 A1	7/2011	Baker et al.	
D782,657 S	3/2017	Williams	2011/0307039 A1	12/2011	Cornell	
D783,810 S	4/2017	Kim	2012/0021374 A1	1/2012	Cacka et al.	
D784,703 S	4/2017	Grabes	2012/0045730 A1	2/2012	Snyder et al.	
9,775,692 B2	10/2017	Thomas et al.	2012/0064480 A1	3/2012	Hegemann	
D802,119 S	11/2017	Kim	2012/0077145 A1	3/2012	Tsurukawa	
D802,120 S	11/2017	Boyd	2012/0141952 A1	6/2012	Snyder	
D804,016 S	11/2017	Ladwig	2012/0179118 A1	7/2012	Hair	
D806,228 S	12/2017	Yan	2012/0189976 A1	7/2012	McDonough et al.	
D806,229 S	12/2017	Uchida	2012/0266396 A1	10/2012	Leung	
D809,650 S	2/2018	Kim	2012/0277677 A1	11/2012	Taylor et al.	
D815,274 S	4/2018	Ladwig	2012/0277678 A1	11/2012	Taylor et al.	
D819,196 S	5/2018	Kim	2012/0279002 A1	11/2012	Sokol et al.	
9,980,793 B2	5/2018	Wagner	2012/0295220 A1	11/2012	Thomas et al.	
D822,196 S	7/2018	Kim	2013/0295520 A1	11/2013	Hsieh	
10,022,207 B2	7/2018	Taylor	2014/0106296 A1	4/2014	Woodard et al.	
D851,239 S	6/2019	Chen	2014/0193774 A1	7/2014	Snyder et al.	
D859,643 S	9/2019	Li	2014/0259474 A1	9/2014	Sokol et al.	
D866,750 S	11/2019	Yan	2014/0272769 A1	9/2014	Luetzgen et al.	
D880,688 S	4/2020	Kim	2014/0272782 A1	9/2014	Luetzgen et al.	
D881,383 S	4/2020	Chen	2014/0352088 A1	12/2014	Wu	
D888,936 S	6/2020	Bondurant	2015/0004559 A1	1/2015	Luetzgen et al.	
D902,385 S	11/2020	Bondurant	2015/0147717 A1	5/2015	Taylor et al.	
D913,486 S	3/2021	Bondurant	2015/0173850 A1	6/2015	Garrigues et al.	

2015/0182319 A1 7/2015 Wagner et al.
 2016/0151133 A1 6/2016 Luetngen
 2017/0318951 A1 11/2017 Taghvai
 2019/0201175 A1 7/2019 Li
 2019/0358006 A1 11/2019 Haber
 2020/0268490 A1 8/2020 Bondurant A61C 17/024

FOREIGN PATENT DOCUMENTS

CA	851479	9/1970
CH	655237	4/1986
CN	204049908	12/2014
DE	1466963	5/1969
DE	2019003	11/1971
DE	2409752	9/1975
DE	2545936	4/1977
DE	2714876	10/1978
DE	2910982	2/1980
EP	0023672	7/1980
EP	0515983	2/1992
FR	2556954	6/1985
FR	2654627	5/1991
GB	838564	6/1960
GB	1182031	2/1970
GB	2018605	10/1979
JP	2-134150	5/1990
JP	2009-39455	2/2009
KR	20120126265	11/2012
WO	WO95/016404	6/1995
WO	WO01/10327	2/2001
WO	WO04/021958	3/2004
WO	WO04/039205	5/2004
WO	WO2004/060259	7/2004
WO	WO2004/062518	7/2004
WO	WO2008/070730	6/2008
WO	WO2008/157585	12/2008
WO	WO2013/124691	8/2013

OTHER PUBLICATIONS

US RE27,274 E, 01/1972, Mattingly (withdrawn)
 The Right Tool, Electron Fusion Devices, Inc., 2 pages, at least as early as Feb. 1991.
 Japanese Packaging, 2 pages, at least as early as Dec. 2002.
 Japanese Instruction Brochure, 20 pages, at least as early as Dec. 2002.
 Brochure: Woog International, "You have a 98% chance of getting gum disease. Unless you read this.", Lancaster, Pennsylvania, 5 pages, Feb. 1987.
 Brochure: Woog International, "We put the control of home dental care back into the hands of the professional", Lancaster, Pennsylvania, 2 pages, Feb. 1987.
 Brochure: Woog International, "Products at a Glance: Home Dental Care System" Woog Orajet, 3 pages, at least as early as Dec. 18, 1998.
 Website: http://www.just4teeth.com/product/Panasonic/Panasonic_Portable_Irrigator.htm, 2 pages, at least as early as Jun. 20, 2003.
 Website: http://www.videodirectstore.com/store/merchant.mv?Screen=PROD&Product_Code=EWT1 . . . , 2 pages, at least as early as Jun. 20, 2003.
 Website: <http://products.consumerguide.com/cp/family/review/index.cfm/id/18742>, 2 pages, at least as early as Jun. 20, 2003.
 Website: <http://www.racekarteng.com/images/walbroparts.gif> and <http://www.muller.net/mullermachine/docs/walbro1.html>, 4 pages, at least as early as Jun. 20, 2003.
 European Search Report, EPO Application No. 07250799.9, dated Jul. 5, 2007.

European Search Report, EPO Application No. 07252693.2, 14 pages, dated Apr. 28, 2008.
 European Examination Report, EPO Application No. 07250799.9, dated Feb. 5, 2009.
 International Search Report, Application No. PCT/US2010/028180, 2 pages, dated May 18, 2010.
 International Search Report, PCT/US2010/060800, 2 pages, dated Feb. 11, 2011.
 International Search Report, PCT/US2011/052795, 10 pages, dated Jan. 17, 2012.
 Waterpik SinuSense Website: <http://www.insightsbyapril.com/2012/03/waterpik-natural-remedy-for-sinus.html>, 8 pages, retrieved on May 31, 2012.
 Website: <https://www.waterpik.com/about-us/>, obtained Jul. 7, 2015, 3 pages.
 Waterpik WP350W Oral Irrigator. Dentist.net. Copyright date 2013. Date accessed: Mar. 30, 2017, 2 pages <<http://www.dentalhoo.com/waterpik-wp350.asp>>.
 IPik Portable Oral Irrigator. AliExpress. Date reviewed: Oct. 5, 2016. <https://www.aliexpress.com/. . . e-Oral-Care-Product-Nasal-Irrigator-Tooth-Flosser-Water/1525541997.html?aff_platform=aaf&cpt=1490913714609&sk=yfAeyJa&aff_trace_key=c5a300c4f02e46d08c042f5292e1762f-1490913714609-07517-yfAeyJa>, 18 pages.
 Brite Leaf Professional Portable 2-in-1 Nasal Sinus & Oral Irrigator. Brite Leafs. Copyright date 2012, <<http://www.briteleafs.com/product6.html>> , 1 page.
 AliExpress. Date reviewed: Jan. 12, 2017. <<https://www.aliexpress.com/item/Cordless-Water-Floss-Portable-Oral-Irrigator-Dental-Water-Flosser-Waterpic-Whatpick-Dental-Water-Pic-Whater-Pick/32769416341.html?spm=2114.40010308.4.75.Owuzfj>>.

* cited by examiner

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 Assistant Examiner — Lee D. Starr
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(57) CLAIM

We claim the ornamental design for a cordless water flosser, as shown and described.

DESCRIPTION

FIG. 1 is a front isometric view of a cordless water flosser. FIG. 2 is a rear isometric view thereof. FIG. 3 is a front elevation view thereof. FIG. 4 is a rear elevation view thereof. FIG. 5 is a right side elevation view thereof. FIG. 6 is a left side elevation view thereof. FIG. 7 is a top plan view thereof. FIG. 8 is a bottom plan view thereof; and, FIG. 9 is an enlarged view of the area circumscribed by line 9-9 in FIG. 1. The dashed broken lines illustrate portions of the cordless water flosser that form no part of the claimed design. The dash-dot broken lines in FIGS. 1 and 9 define the bounds of the enlargement taken from FIG. 1 and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

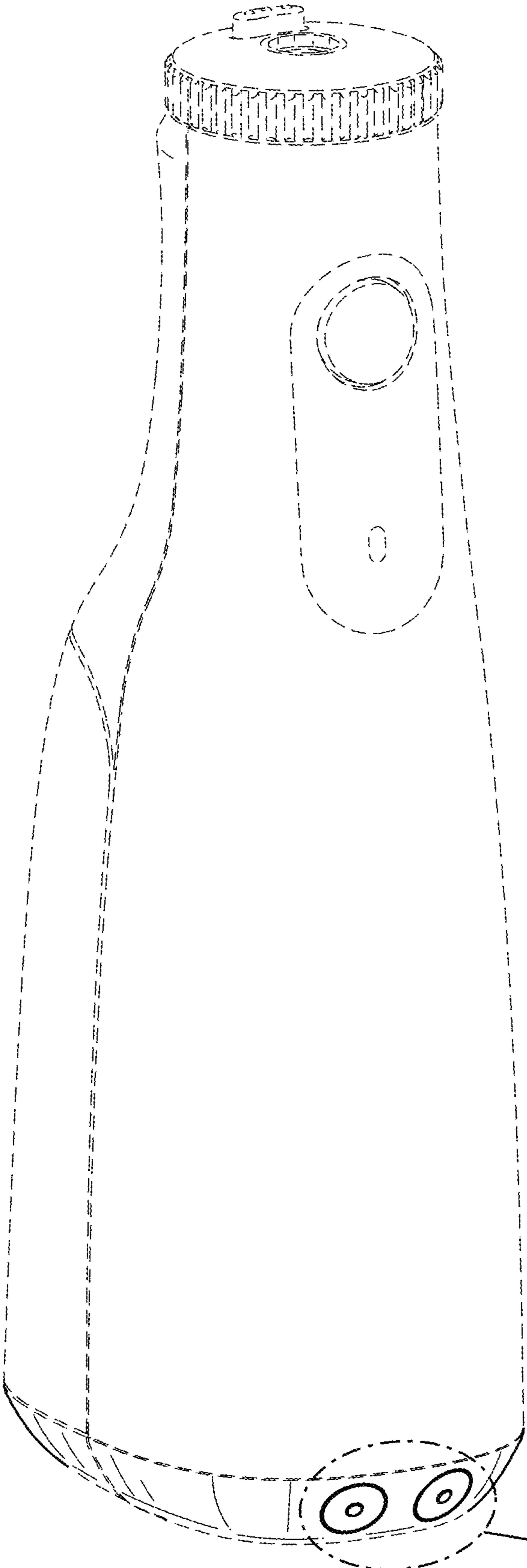


FIG. 1

FIG. 9

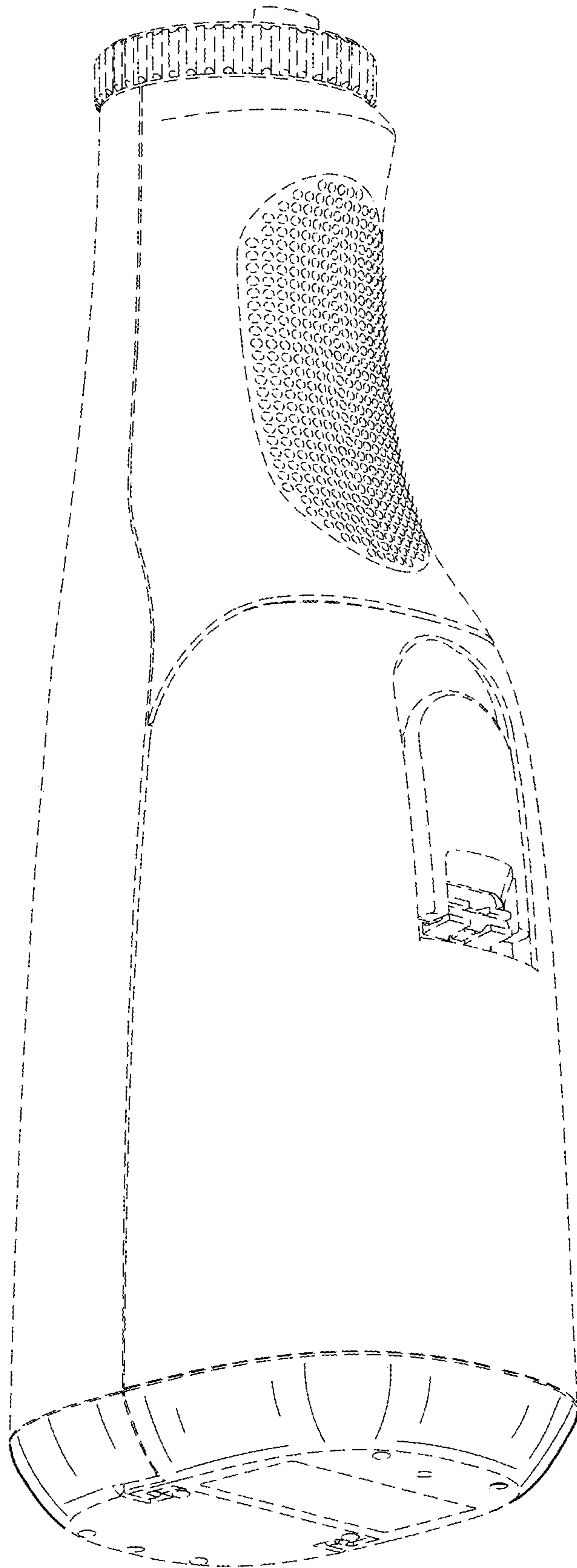


FIG. 2

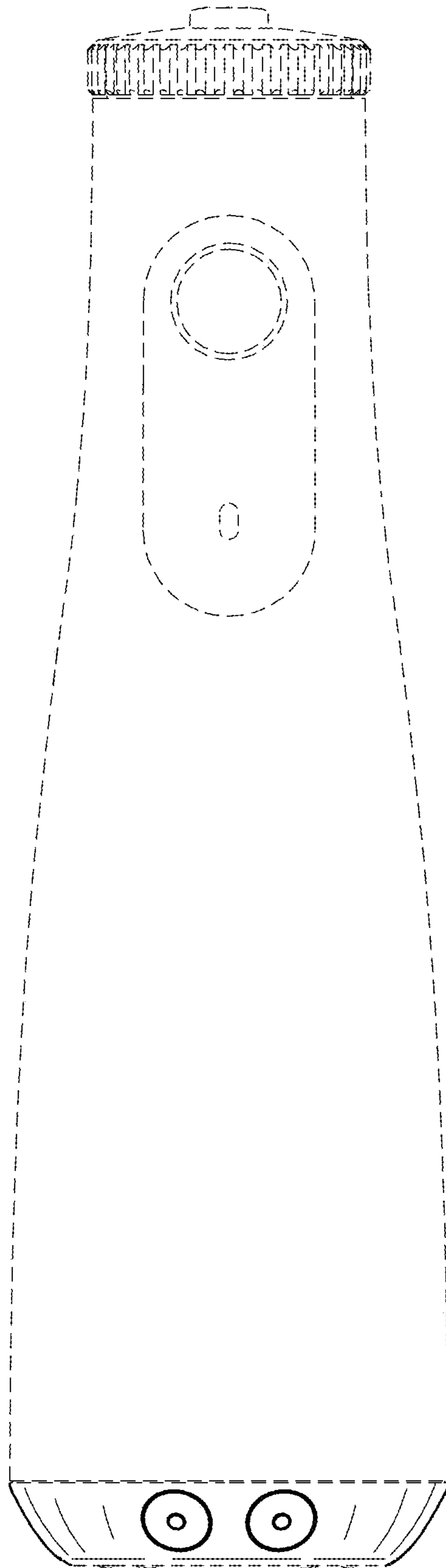


FIG. 3

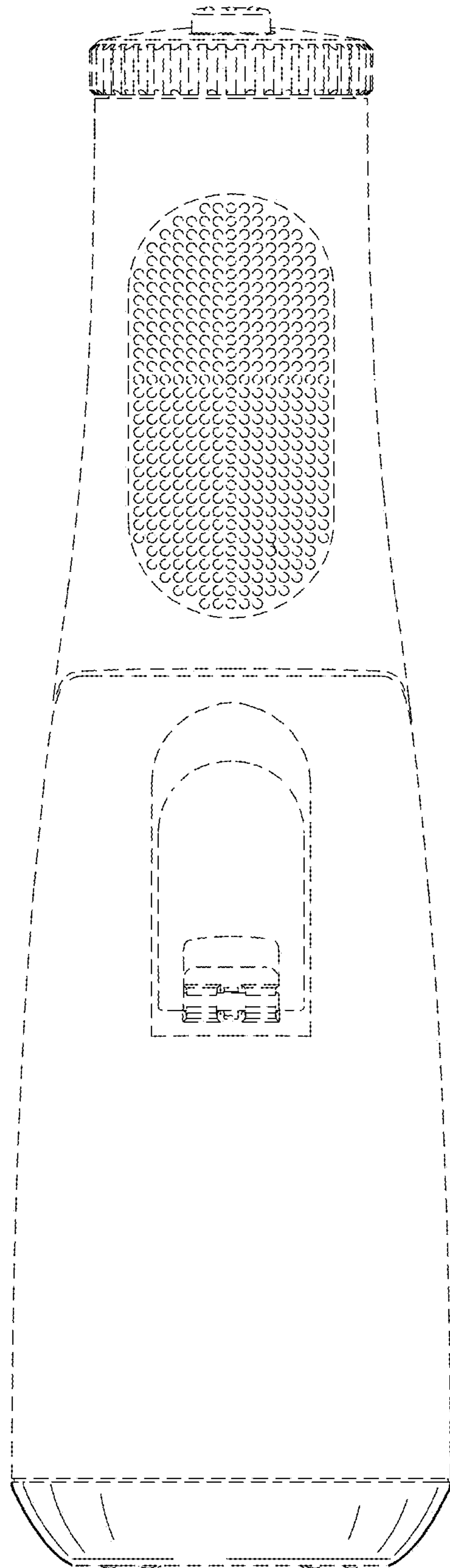


FIG. 4

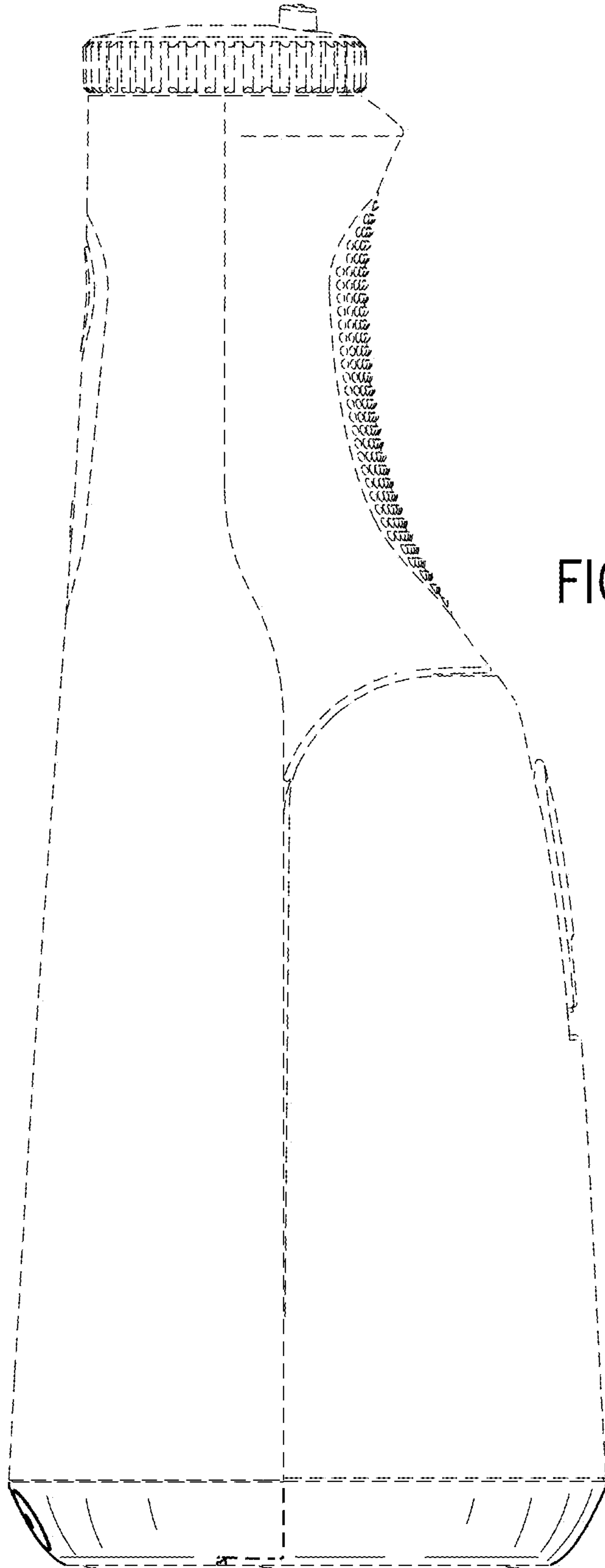


FIG. 5

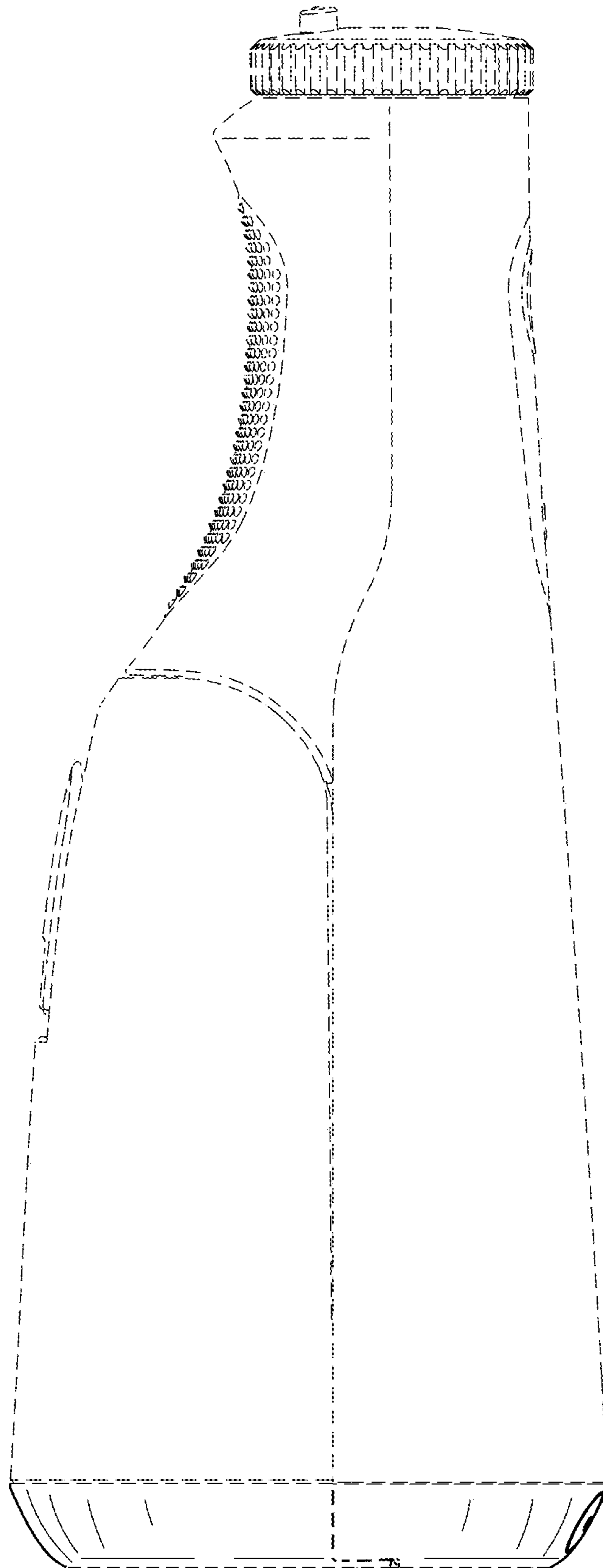


FIG. 6

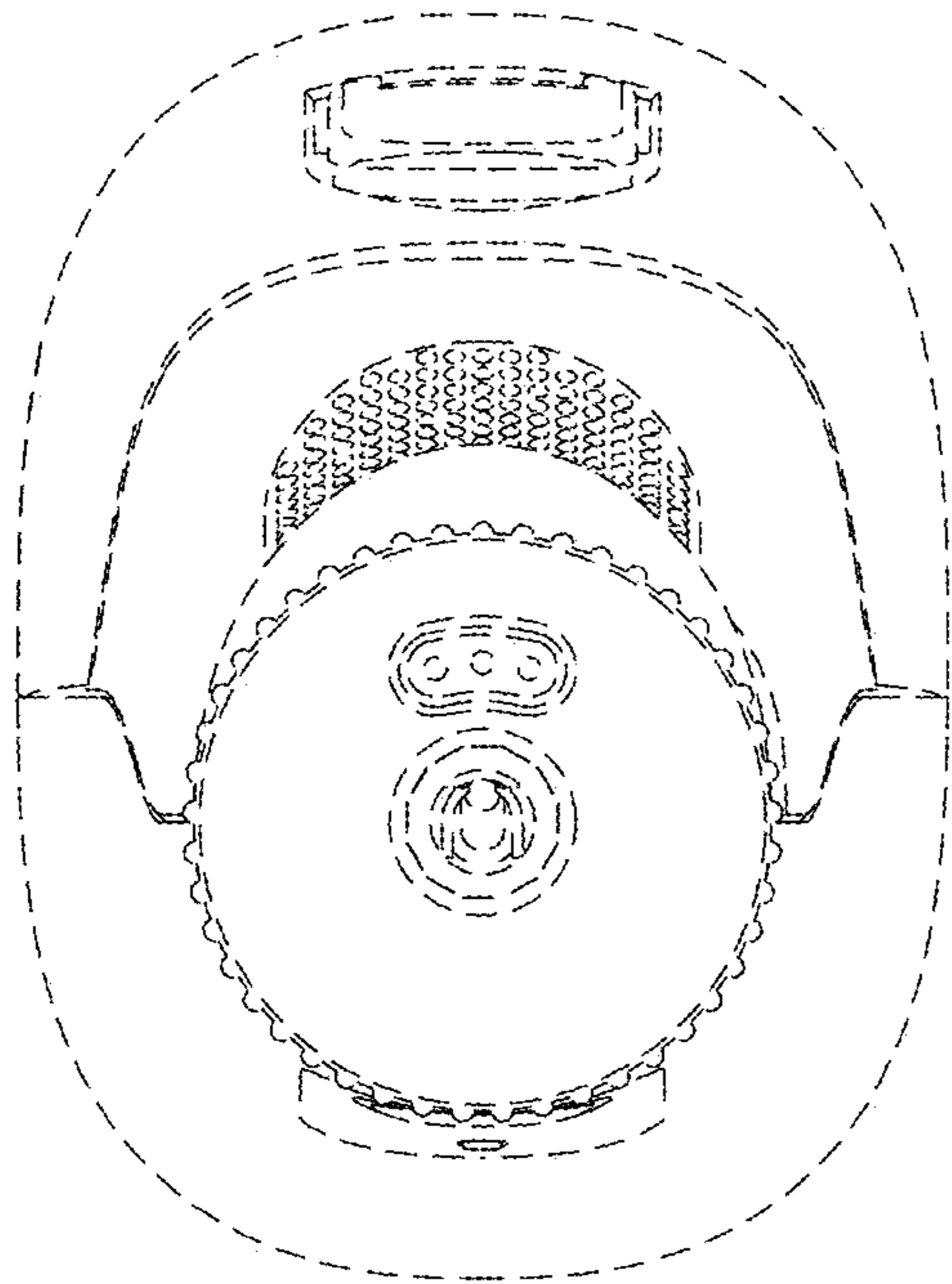


FIG. 7

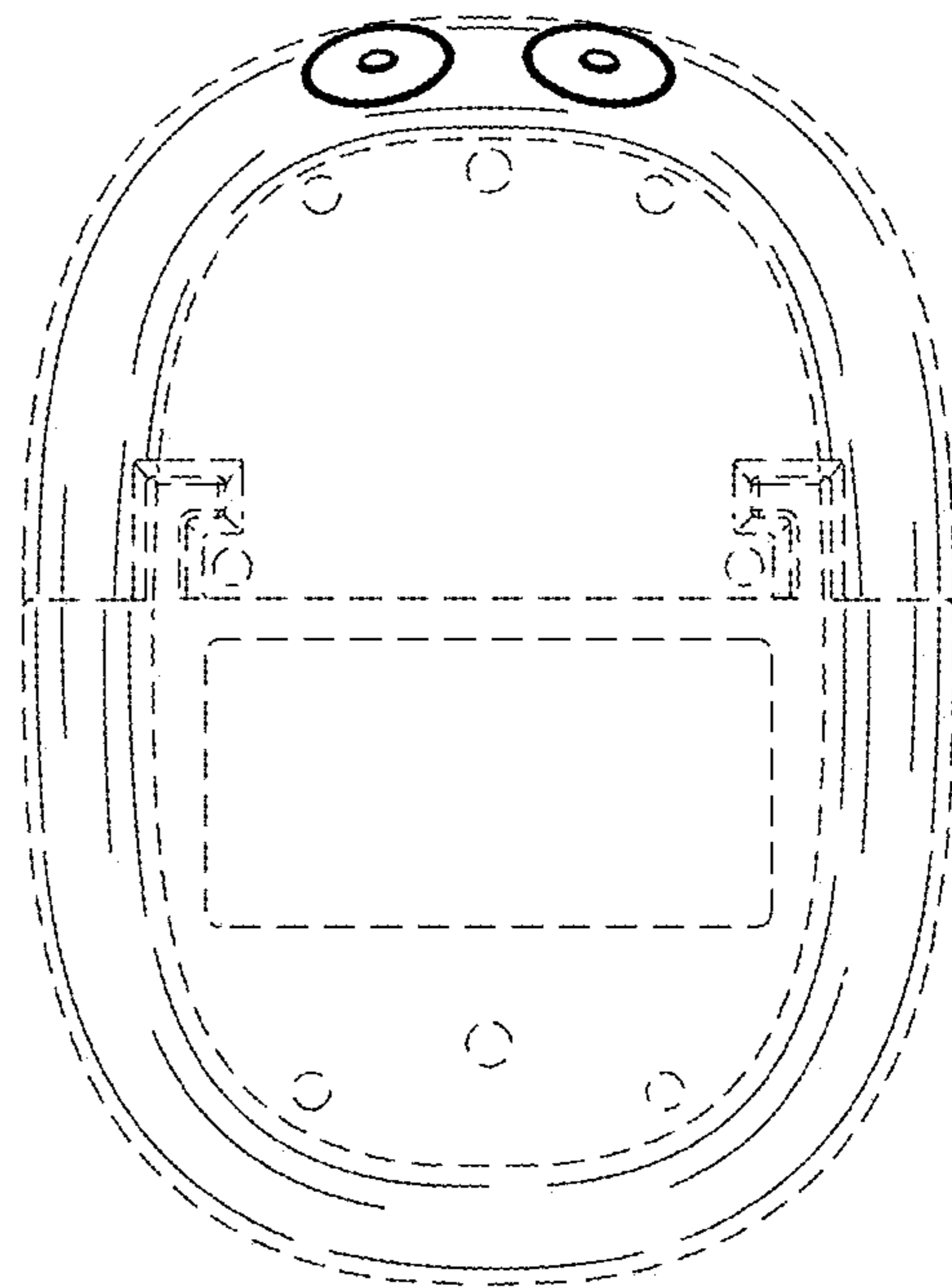


FIG. 8

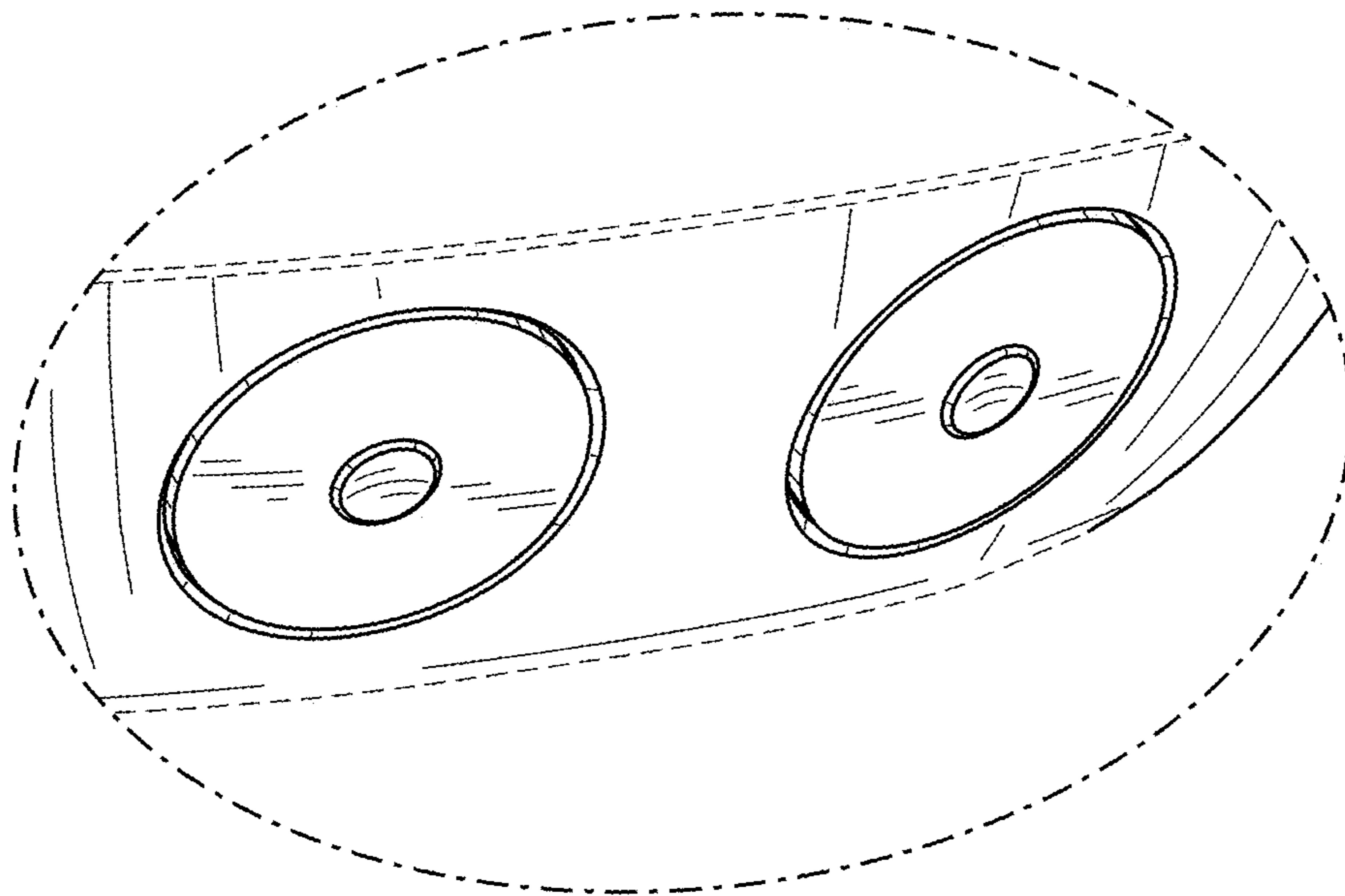


FIG. 9