



US00D501912S

(12) **United States Design Patent** (10) **Patent No.:** **US D501,912 S**  
**Tanner et al.** (45) **Date of Patent:** **\*\* Feb. 15, 2005**

(54) **WATER FILTER DEVICE**

FOREIGN PATENT DOCUMENTS

(75) Inventors: **John D. Tanner**, Plymouth, MN (US);  
**Richard P. Riedel**, Mason, OH (US);  
**Maureen Carroll**, Atlanta, GA (US);  
**Malcolm Fontier**, Atlanta, GA (US)

DE 2 357 585 11/1972  
DE 3511389 5/1985  
DE 3738231 5/1989

(List continued on next page.)

(73) Assignee: **Procter & Gamble**, Cincinnati, OH (US)

*Primary Examiner*—Robin V. Taylor

(74) *Attorney, Agent, or Firm*—S. Robert Chuey; Richard L. Alexander

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

(57) **CLAIM**

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

(21) Appl. No.: **29/188,460**

**DESCRIPTION**

(22) Filed: **Aug. 19, 2003**

(51) **LOC (7) Cl.** ..... **23-01**

(52) **U.S. Cl.** ..... **D23/209**

(58) **Field of Search** ..... D23/207, 209;  
210/244, 464

FIG. 1 is a right side elevational view of a water filter device, embodying the new design;

FIG. 2 is a front elevational view of the water filter device of FIG. 1, the rear elevational view being a mirror image thereof;

FIG. 3 is a left side elevational view of the water filter device of FIG. 1;

FIG. 4 is a bottom planar view of the water filter device of FIG. 1;

FIG. 5 is a top planar view of the water filter device of FIG. 1;

FIG. 6 is a perspective view of the water filter device of FIG. 1;

FIG. 7 is a right side elevational view of an alternative embodiment of the present invention;

FIG. 8 is a front elevational view of the water filter device of FIG. 7, the rear elevational view being a mirror image thereof;

FIG. 9 is a left side elevational view of the water filter device of FIG. 7;

FIG. 10 is a bottom planar view of the water filter device of FIG. 7;

FIG. 11 is a top planar view of the water filter device of FIG. 7; and,

FIG. 12 is a perspective view of the water filter device of FIG. 7.

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

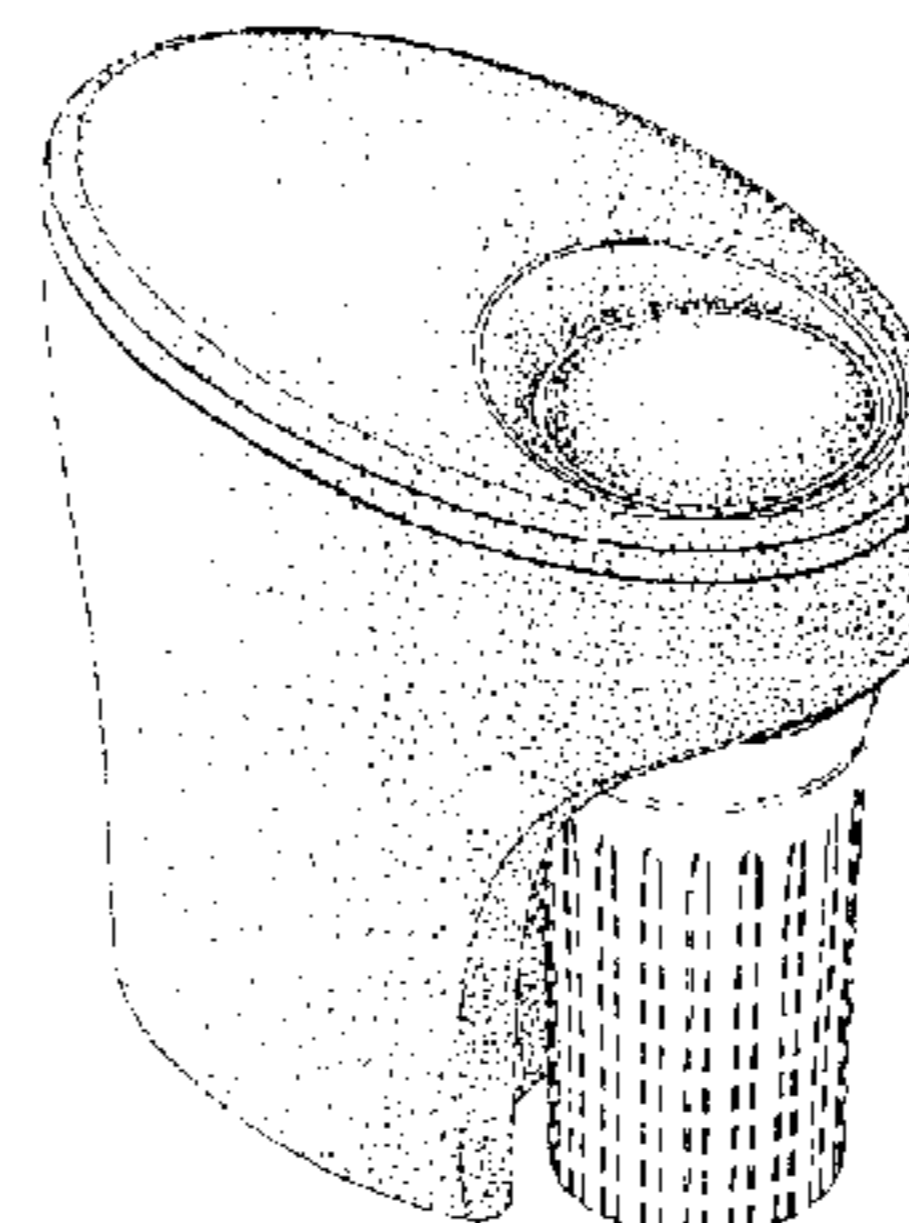
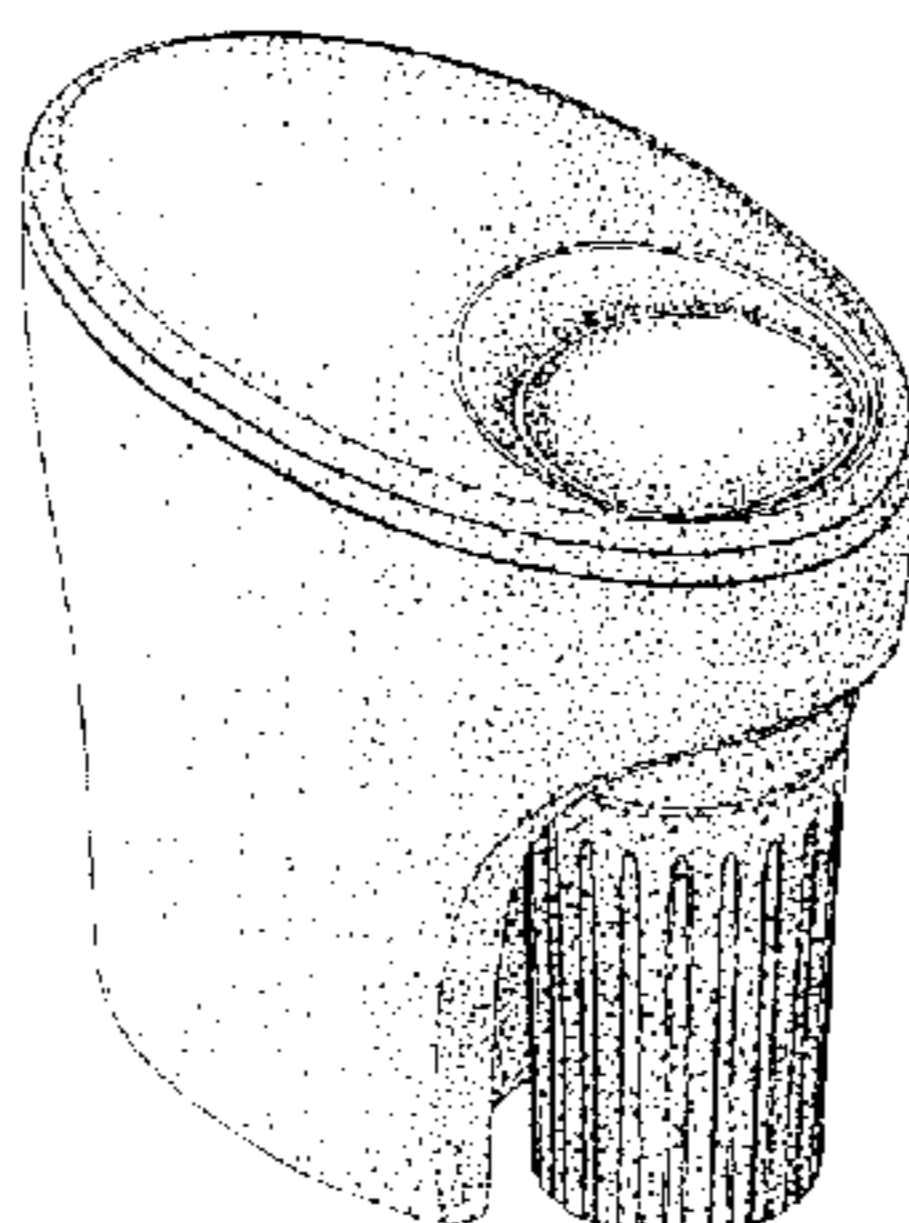
(56) **References Cited**

U.S. PATENT DOCUMENTS

9,622 A 3/1853 Best  
25,398 A 9/1859 Dunchamp  
531,838 A 1/1895 Davis et al.  
543,922 A 8/1895 Buckley  
590,020 A 9/1897 Myers  
602,883 A 4/1898 Tyden  
611,691 A 10/1898 Langdon et al.  
673,722 A 5/1901 Moulton  
D34,658 S 6/1901 Weaver  
826,654 A 7/1906 Firth  
963,324 A 7/1910 Randall  
967,905 A 8/1910 Hagg  
D41,321 S 4/1911 Anderson  
1,043,933 A 11/1912 Hildebrand  
1,363,589 A 12/1920 Hartman  
1,579,158 A 3/1926 Smile  
1,621,684 A 3/1927 Rabjohn et al.  
1,674,203 A 6/1928 Holz et al.  
D76,391 S 9/1928 Groak

(List continued on next page.)

**1 Claim, 4 Drawing Sheets**



# US D501,912 S

Page 2

U.S. PATENT DOCUMENTS					
1,752,060 A	3/1930	Burright et al.	4,252,650 A	2/1981	Mas et al.
1,806,977 A	5/1931	Kenney	D258,462 S	3/1981	Mixon
D93,910 S	11/1934	Camp	4,277,333 A	7/1981	Coppola
D113,679 S	3/1939	Neely	4,368,123 A	1/1983	Stanley
D128,316 S	7/1941	Roffy	D268,866 S	5/1983	Desai et al.
2,268,076 A	12/1941	Lawlor	4,391,712 A	7/1983	Tyler et al.
D133,177 S	7/1942	Gross	D274,930 S	7/1984	Joe
D136,021 S	7/1943	Kraissl, Jr.	4,504,389 A	3/1985	Rundzaitis
2,335,458 A	11/1943	Senyal	D278,650 S	4/1985	Slovak et al.
2,372,340 A	3/1945	Senyal	4,515,692 A	5/1985	Chandler et al.
D143,545 S	1/1946	Pond et al.	D282,767 S	2/1986	Shofner
2,633,990 A	4/1953	Simpson et al.	4,572,785 A	2/1986	Braaten
D170,472 S	9/1953	Monsarrat	4,585,554 A	4/1986	Burrows
D173,603 S	12/1954	Atkinson	4,595,497 A	6/1986	Burrows
2,750,080 A	6/1956	Blanchard et al.	4,606,828 A	8/1986	Wells
2,811,258 A	10/1957	Schleyer et al.	4,609,466 A	9/1986	McCausland et al.
2,987,187 A	6/1961	Comroe	4,623,451 A	11/1986	Oliver
D196,108 S	8/1963	Gerber	4,623,467 A	11/1986	Hamlin
3,184,064 A	5/1965	Sampson et al.	4,626,346 A	12/1986	Hall
D208,752 S	9/1967	Payne	D288,115 S	2/1987	McCausland et al.
3,342,335 A	9/1967	Gamundi et al.	D289,429 S	4/1987	Thumberger
3,428,089 A	2/1969	Kachergis	4,657,674 A	4/1987	Burrows
D216,978 S	3/1970	Greene	D290,386 S	6/1987	Padilla
3,539,009 A	11/1970	Kudlaty	D290,638 S	6/1987	Bishop
3,550,782 A	12/1970	Veloz	4,670,144 A	6/1987	McCausland et al.
3,572,553 A	3/1971	Ogden	4,678,565 A	7/1987	Norton
D221,850 S	9/1971	Anderson	4,681,677 A	7/1987	Kuh et al.
3,692,180 A	9/1972	LaRaus	4,683,054 A	7/1987	Turnbull
D227,565 S	7/1973	Ehret	4,686,037 A	8/1987	Lang
D227,886 S	7/1973	Martinez	4,695,375 A	9/1987	Tyler
D229,178 S	11/1973	Mixon	D292,429 S	10/1987	Spink
D232,550 S	8/1974	Fushihara	4,698,164 A	10/1987	Ellis
3,847,787 A	11/1974	Okazaki et al.	D293,367 S	12/1987	Spink
3,853,761 A	12/1974	McClory	D295,887 S	5/1988	Hopkins
3,856,676 A	12/1974	Grimme et al.	D296,000 S	5/1988	Padilla
D234,356 S	2/1975	Holben et al.	4,743,366 A	5/1988	Burrows
D234,357 S	2/1975	Humphrey	4,744,895 A	5/1988	Gales et al.
D234,843 S	4/1975	Taylor	D296,352 S	6/1988	Luzenberg
D235,143 S	5/1975	Ehret	D296,463 S	6/1988	Padilla
D235,206 S	5/1975	Bertrand	4,749,484 A	6/1988	Greenhut
D236,263 S	8/1975	Dussardier et al.	4,752,389 A	6/1988	Burrows
D236,264 S	8/1975	Taylor	4,759,844 A	7/1988	Lipschultz et al.
D236,265 S	8/1975	Dussardier	D297,349 S	8/1988	Kronsbein
D236,829 S	9/1975	Berry, Jr. et al.	4,775,465 A	10/1988	Burrows
3,931,009 A	1/1976	Davis	4,776,952 A	10/1988	Burrows
3,939,074 A	2/1976	Bray	4,808,302 A	2/1989	Beall, Jr.
3,950,253 A	4/1976	Stern	4,816,149 A	3/1989	Wekell
D240,624 S	7/1976	MacMurray	4,830,223 A	5/1989	Priest
D240,731 S	7/1976	Free et al.	4,830,744 A	5/1989	Burrows
D242,043 S	10/1976	Corder et al.	D301,913 S	6/1989	Brown et al.
D242,249 S	11/1976	Corder et al.	4,842,724 A	6/1989	Bray et al.
4,014,792 A	3/1977	Gossett et al.	4,853,117 A	8/1989	Burrows
4,019,986 A	4/1977	Burris et al.	D303,703 S	9/1989	Padilla et al.
4,021,343 A	5/1977	Tyler	D304,363 S	10/1989	Ruesch
4,049,550 A	9/1977	Obidniak	4,879,027 A	11/1989	Sanders
4,086,166 A	4/1978	Martin	4,880,535 A	11/1989	Burrows
D249,053 S	8/1978	Hansrote	4,885,081 A	12/1989	Oliver
D249,054 S	8/1978	Hansrote	4,885,085 A	12/1989	Beall, Jr.
D249,055 S	8/1978	Hansrote	D306,754 S	3/1990	Petrucci et al.
D249,057 S	8/1978	Hansrote	D307,173 S	4/1990	Boehnke
4,110,219 A	8/1978	Maples	D307,933 S	5/1990	Baer
D249,275 S	9/1978	Mackay et al.	4,923,091 A	5/1990	Sutera
D249,701 S	9/1978	Maples et al.	4,936,984 A	6/1990	Blandford et al.
D251,380 S	3/1979	Casamitjana	D309,487 S	7/1990	Lieberman
4,147,631 A	4/1979	Deines et al.	D309,494 S	7/1990	Riley
4,152,262 A	5/1979	Rose	4,946,600 A	8/1990	Shin
4,172,796 A	10/1979	Corder	4,968,440 A	11/1990	Woodruff
D253,715 S	12/1979	Emery	4,969,991 A	11/1990	Valadez
4,190,537 A	2/1980	Tondreau et al.	D312,679 S	12/1990	Carrano et al.
D256,944 S	9/1980	Fox, Jr.	D314,226 S	1/1991	Devine et al.
			D314,607 S	2/1991	Kapac et al.

# US D501,912 S

4,994,184 A	2/1991	Thalmann et al.	D360,332 S	7/1995	Mann
4,997,553 A	3/1991	Clack	5,435,909 A	7/1995	Burrows
5,004,535 A	4/1991	Bosko et al.	5,443,739 A	8/1995	Vogel et al.
D318,092 S	7/1991	Ferguson	5,445,729 A	8/1995	Monroe et al.
D318,093 S	7/1991	Ferguson	5,447,626 A	9/1995	Ido
D318,315 S	7/1991	Sanborn	5,449,456 A	9/1995	Bowman
D319,288 S	8/1991	Spokoiny	D363,760 S	10/1995	Morem et al.
5,037,547 A	8/1991	Burrows	5,454,944 A	10/1995	Clack
5,039,402 A	8/1991	Himmelstein	5,464,531 A	11/1995	Greene
D319,864 S	9/1991	Geneve et al.	5,468,387 A	11/1995	Solomon
5,049,270 A	9/1991	Carrano et al.	5,478,465 A	12/1995	Larson et al.
D321,550 S	11/1991	Laughlen et al.	5,502,978 A	4/1996	Field
5,068,030 A	11/1991	Chen	5,505,120 A	4/1996	Albertson
5,069,782 A	12/1991	Moyher, Jr. et al.	D370,521 S	6/1996	Archer et al.
D323,017 S	1/1992	Bernstein	5,527,451 A	6/1996	Hembree et al.
D323,203 S	1/1992	Pedersen	D372,295 S	7/1996	Weber
5,078,864 A	1/1992	Whittier	5,536,395 A	7/1996	Kuennen et al.
5,082,557 A	1/1992	Grayson et al.	5,536,396 A	7/1996	Mudra et al.
5,083,442 A	1/1992	Vlock	D372,515 S	8/1996	Douglas
D324,721 S	3/1992	Kapec et al.	D372,760 S	8/1996	Brancazio et al.
5,108,590 A	4/1992	DiSanto	5,560,393 A	10/1996	Clack
5,110,468 A	5/1992	Miyashita et al.	5,562,824 A	10/1996	Magnusson
5,111,966 A	5/1992	Fridman	5,565,100 A	10/1996	Deng
5,112,477 A	5/1992	Hamlin	5,567,311 A	10/1996	Jang
5,114,042 A	5/1992	Sutera	5,580,444 A	12/1996	Burrows
5,116,502 A	5/1992	Ferguson	5,582,717 A	12/1996	Di Santo
D326,706 S	6/1992	Karlsson	5,587,089 A	12/1996	Vogel et al.
5,122,265 A	6/1992	Mora et al.	D378,883 S	4/1997	Magnusson
5,128,034 A	7/1992	Kool	5,626,749 A	5/1997	Lambert et al.
5,128,036 A	7/1992	Svensson	5,639,374 A	6/1997	Monroe et al.
5,131,277 A	7/1992	Birdsong et al.	5,643,444 A	7/1997	Garrigues et al.
D328,777 S	8/1992	Thalmann et al.	5,645,719 A	7/1997	Ha et al.
5,147,533 A	9/1992	Lipshultz et al.	5,645,720 A	7/1997	Godines
D330,587 S	10/1992	Seeley	5,656,160 A	8/1997	Parise et al.
5,160,608 A	11/1992	Norton	5,658,457 A	8/1997	Schoenmeyr
D331,446 S	12/1992	Gidman	D383,192 S	9/1997	Johnson
D332,131 S	12/1992	Chez	5,662,779 A	9/1997	Greene et al.
5,188,727 A	2/1993	Kurth et al.	5,662,792 A	9/1997	Suh
5,193,892 A	3/1993	Swindell	5,665,224 A	9/1997	Levene et al.
5,203,803 A	4/1993	Schoenmeyr	5,676,824 A	10/1997	Jeon et al.
D336,760 S	6/1993	Raunkjaer	5,679,243 A	10/1997	Cho
5,223,132 A	6/1993	Yoon	5,681,459 A	10/1997	Bowman
5,232,590 A	8/1993	Reid	D386,242 S	11/1997	Clack et al.
5,238,559 A	8/1993	Nieweg	5,686,893 A	11/1997	Jeon
5,248,417 A	9/1993	Reid	5,698,091 A	12/1997	Kuennen et al.
D340,967 S	11/1993	Muir	D389,004 S	1/1998	Hampshire et al.
5,261,792 A	11/1993	Schoenmeyr	5,705,067 A	1/1998	Sumi et al.
5,277,805 A	1/1994	Ferguson	5,707,518 A	1/1998	Coates et al.
5,281,309 A	1/1994	Greene	D390,629 S	2/1998	Ullmann
D344,322 S	2/1994	Kasner et al.	5,715,699 A	2/1998	Coates et al.
5,282,972 A	2/1994	Hanna et al.	5,730,863 A	3/1998	Howlings et al.
5,290,442 A	3/1994	Clack	5,755,957 A	5/1998	Jeon
5,296,148 A	3/1994	Colangelo et al.	D395,705 S	6/1998	Ediger et al.
D347,462 S	5/1994	Douglas	5,762,787 A	6/1998	Park et al.
5,316,673 A	5/1994	Kohlmann et al.	5,766,453 A	6/1998	Morellato et al.
5,322,625 A	6/1994	Rise	5,776,339 A	7/1998	Ha et al.
5,324,424 A	6/1994	Hochgatterer	5,785,848 A	7/1998	Strand
5,324,434 A	6/1994	Oikawa et al.	5,795,475 A	8/1998	Luedke et al.
D350,870 S	9/1994	Hansen	D398,367 S	9/1998	Andrepont et al.
D351,014 S	9/1994	Hansen	5,800,707 A	9/1998	Mehnert et al.
5,348,647 A	9/1994	Chen	5,813,245 A	9/1998	Coates et al.
5,349,992 A	9/1994	Gallo et al.	5,813,246 A	9/1998	Oh
5,356,531 A	10/1994	Rantz	5,817,231 A	10/1998	Souza
D352,200 S	11/1994	Hansen	5,833,849 A	11/1998	Primdahl
5,368,197 A	11/1994	Sutera	D402,745 S	12/1998	Termeer et al.
D353,440 S	12/1994	Ito et al.	D403,406 S	12/1998	Douglas
5,393,419 A	2/1995	Tiede et al.	5,853,572 A	12/1998	Kuennen et al.
D356,625 S	3/1995	Petrucci et al.	5,855,796 A	1/1999	Joung
5,395,509 A	3/1995	Guerra Cisneros et al.	D405,156 S	2/1999	Vanderhoef
D357,058 S	4/1995	Engelhard	D405,867 S	2/1999	Denkewicz, Jr. et al.
D358,460 S	5/1995	Wren	D405,868 S	2/1999	Denkewicz, Jr. et al.

# US D501,912 S

Page 4

D406,314 S	3/1999	Denkewicz, Jr. et al.	2002/0043491 A1	4/2002	Janik et al.
D407,462 S	3/1999	Bishop et al.	2002/0060177 A1	5/2002	Conrad
D409,715 S	5/1999	Cruz et al.	2002/0134714 A1	9/2002	Ozeki et al.
5,900,138 A	5/1999	Moretto	2002/0170921 A1	11/2002	Tan et al.
5,900,141 A	5/1999	Takigawa et al.			
5,900,143 A	5/1999	Dalton et al.			
D410,726 S	6/1999	Cook			
5,907,958 A	6/1999	Coates et al.	DE	3914940	11/1990
5,922,378 A	7/1999	Kagan et al.	DE	4028529	3/1992
5,928,503 A	7/1999	Shang-Chun	DE	4116128	11/1992
5,928,506 A	7/1999	Bae	DE	19650191	8/1998
5,935,426 A	8/1999	Giordano et al.	DE	19717579	10/1998
5,957,339 A	9/1999	Deni et al.	DE	10016365	10/2001
D415,818 S	* 10/1999	Kruepke et al. .... D23/207	EP	0563027	6/1994
D416,307 S	11/1999	Williams	EP	0616975 A2	9/1994
5,976,363 A	11/1999	Monroe et al.	EP	0880986 A2	12/1998
5,989,425 A	11/1999	Yonezawa et al.	EP	0947231 A1	10/1999
5,992,684 A	11/1999	Russell	EP	0891952	6/2000
D418,198 S	12/1999	Bainton	EP	1106228	6/2001
5,997,734 A	12/1999	Koski et al.	EP	0668243 B1	9/2001
6,001,249 A	12/1999	Bailey et al.	FR	2557807	7/1985
6,013,180 A	1/2000	Wang	FR	2788511	7/2000
D421,089 S	2/2000	Fujita et al.	GB	191594	1/1923
D422,679 S	4/2000	Burrows	GB	1202215	8/1970
D424,660 S	5/2000	Teran et al.	GB	1470874	4/1977
D429,943 S	8/2000	Yu	GB	1546409	5/1979
6,099,735 A	8/2000	Kelada	GB	2 029 255 A	3/1980
6,120,682 A	9/2000	Cook	GB	2238532 A	6/1991
6,120,683 A	9/2000	Reinhart et al.	GB	2250281 A	6/1992
6,120,685 A	9/2000	Carlson et al.	GB	2 257 429 A	1/1993
6,123,837 A	9/2000	Wadsworth et al.	GB	2311775 A	10/1997
6,123,844 A	9/2000	Haney	JP	4-277080	10/1992
6,139,726 A	10/2000	Greene	JP	10076254	3/1998
D437,402 S	2/2001	Gieseke et al.	WO	WO 88/07500	10/1988
D437,913 S	2/2001	Adam et al.	WO	WO 91/01786	2/1991
D438,282 S	2/2001	Liu	WO	WO 93/12864	1/1992
D440,255 S	4/2001	Dickson	WO	WO 92/12784	8/1992
6,245,229 B1	6/2001	Kool et al.	WO	WO 93/17725	9/1993
6,258,265 B1	7/2001	Jones	WO	WO 93/23336	11/1993
6,258,266 B1	7/2001	Riback et al.	WO	WO 94/23827	10/1994
6,264,830 B1	7/2001	Plester et al.	WO	WO 95/05237	2/1995
D446,840 S	8/2001	Strand	WO	WO 95/09129	4/1995
6,270,658 B1	8/2001	Plüss	WO	WO 95/24256	9/1995
6,270,822 B1	8/2001	Frazier	WO	WO 96/30309	10/1996
6,288,255 B1	9/2001	Skinner	WO	WO 96/30310	10/1996
D449,758 S	10/2001	Norvell et al.	WO	WO 97/30938	8/1997
6,303,031 B1	10/2001	Senner	WO	WO 97/134832	9/1997
6,328,881 B1	12/2001	Larkner et al.	WO	WO 98/12489	3/1998
6,337,015 B1	1/2002	Poirier	WO	WO 99/07456	2/1999
D454,615 S	3/2002	Neal	WO	WO 99/10069	3/1999
6,361,686 B1	3/2002	Conrad	WO	WO 99/47226	9/1999
6,370,884 B1	4/2002	Kelada	WO	WO 00/00266	1/2000
6,391,191 B2	5/2002	Conrad	WO	WO 00/00437	1/2000
D426,418 S	6/2002	Norvell et al.	WO	WO 00/01624	1/2000
6,402,949 B1	6/2002	Banks	WO	WO 00/01625	1/2000
6,423,212 B1	7/2002	Bosko	WO	WO 00/01626	1/2000
6,428,687 B1	8/2002	Moretto	WO	WO 00/25887	5/2000
6,428,708 B1	8/2002	Halemba et al.	WO	WO 00/37363	6/2000
6,436,282 B1	8/2002	Gundrum et al.	WO	WO 00/43319	7/2000
D465,018 S	10/2002	Gustafsson et al.	WO	WO 98/37950	9/2000
D466,602 S	12/2002	Gieseke et al.	WO	WO 01/12559 A1	2/2001
6,491,811 B2	12/2002	Conrad et al.	WO	WO 01/44120 A2	6/2001
6,491,815 B2	12/2002	Zulik et al.	WO	WO 01/174725	10/2001
D477,383 S	* 7/2003	Desjoyaux et al. .... D23/209	WO	WO 02/14228 A2	2/2002
2001/0032823 A1	10/2001	Plester et al.	WO	WO 02/085794	10/2002
2002/0011434 A1	1/2002	Kuennen et al.			
2002/0014461 A1	2/2002	Kuennen et al.			

## FOREIGN PATENT DOCUMENTS

DE	3914940	11/1990
DE	4028529	3/1992
DE	4116128	11/1992
DE	19650191	8/1998
DE	19717579	10/1998
DE	10016365	10/2001
EP	0563027	6/1994
EP	0616975 A2	9/1994
EP	0880986 A2	12/1998
EP	0947231 A1	10/1999
EP	0891952	6/2000
EP	1106228	6/2001
EP	0668243 B1	9/2001
FR	2557807	7/1985
FR	2788511	7/2000
GB	191594	1/1923
GB	1202215	8/1970
GB	1470874	4/1977
GB	1546409	5/1979
GB	2 029 255 A	3/1980
GB	2238532 A	6/1991
GB	2250281 A	6/1992
GB	2 257 429 A	1/1993
GB	2311775 A	10/1997
JP	4-277080	10/1992
JP	10076254	3/1998
WO	WO 88/07500	10/1988
WO	WO 91/01786	2/1991
WO	WO 93/12864	1/1992
WO	WO 92/12784	8/1992
WO	WO 93/17725	9/1993
WO	WO 93/23336	11/1993
WO	WO 94/23827	10/1994
WO	WO 95/05237	2/1995
WO	WO 95/09129	4/1995
WO	WO 95/24256	9/1995
WO	WO 96/30309	10/1996
WO	WO 96/30310	10/1996
WO	WO 97/30938	8/1997
WO	WO 97/134832	9/1997
WO	WO 98/12489	3/1998
WO	WO 99/07456	2/1999
WO	WO 99/10069	3/1999
WO	WO 99/47226	9/1999
WO	WO 00/00266	1/2000
WO	WO 00/00437	1/2000
WO	WO 00/01624	1/2000
WO	WO 00/01625	1/2000
WO	WO 00/01626	1/2000
WO	WO 00/25887	5/2000
WO	WO 00/37363	6/2000
WO	WO 00/43319	7/2000
WO	WO 98/37950	9/2000
WO	WO 01/12559 A1	2/2001
WO	WO 01/44120 A2	6/2001
WO	WO 01/174725	10/2001
WO	WO 02/14228 A2	2/2002
WO	WO 02/085794	10/2002

\* cited by examiner

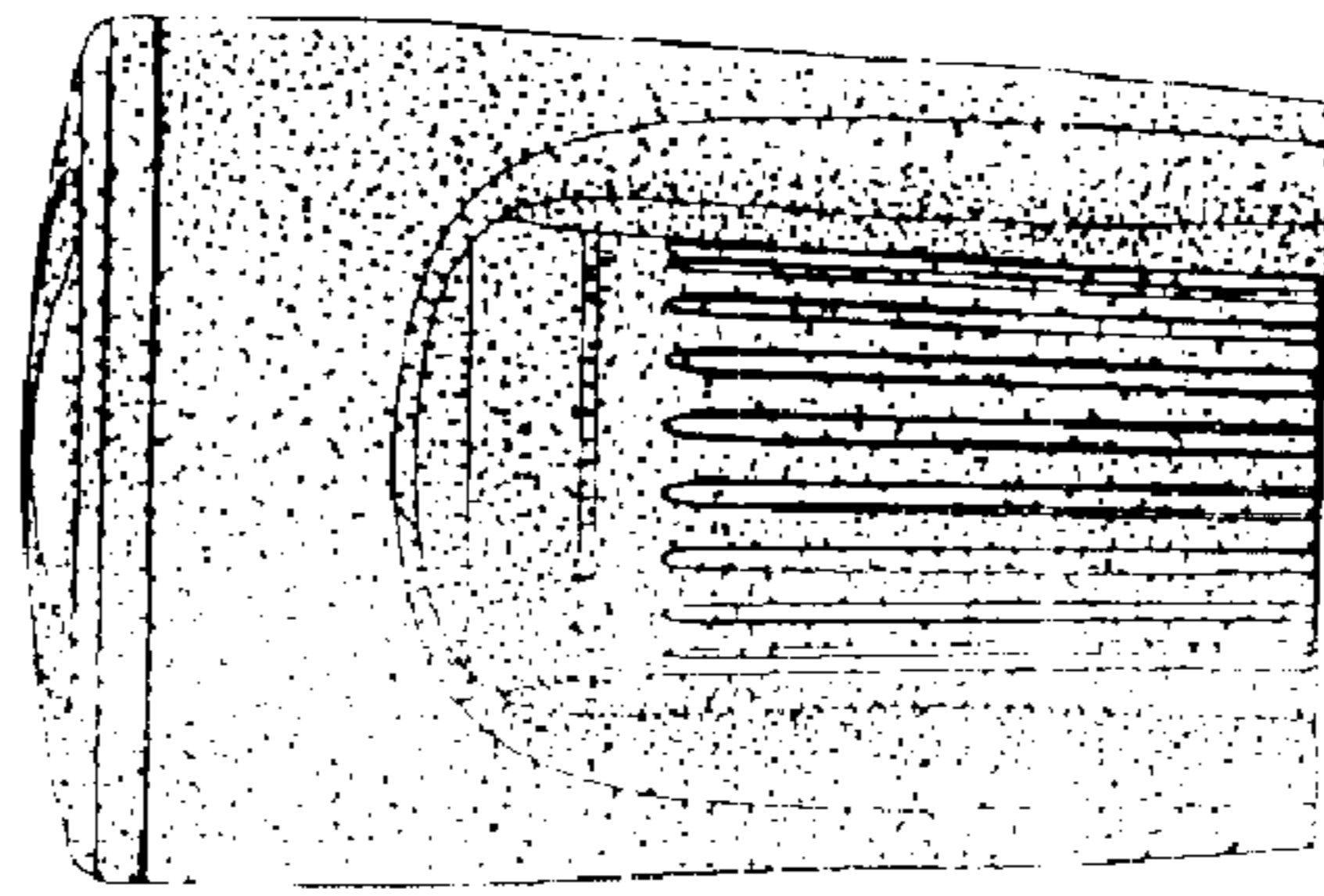


Fig. 1

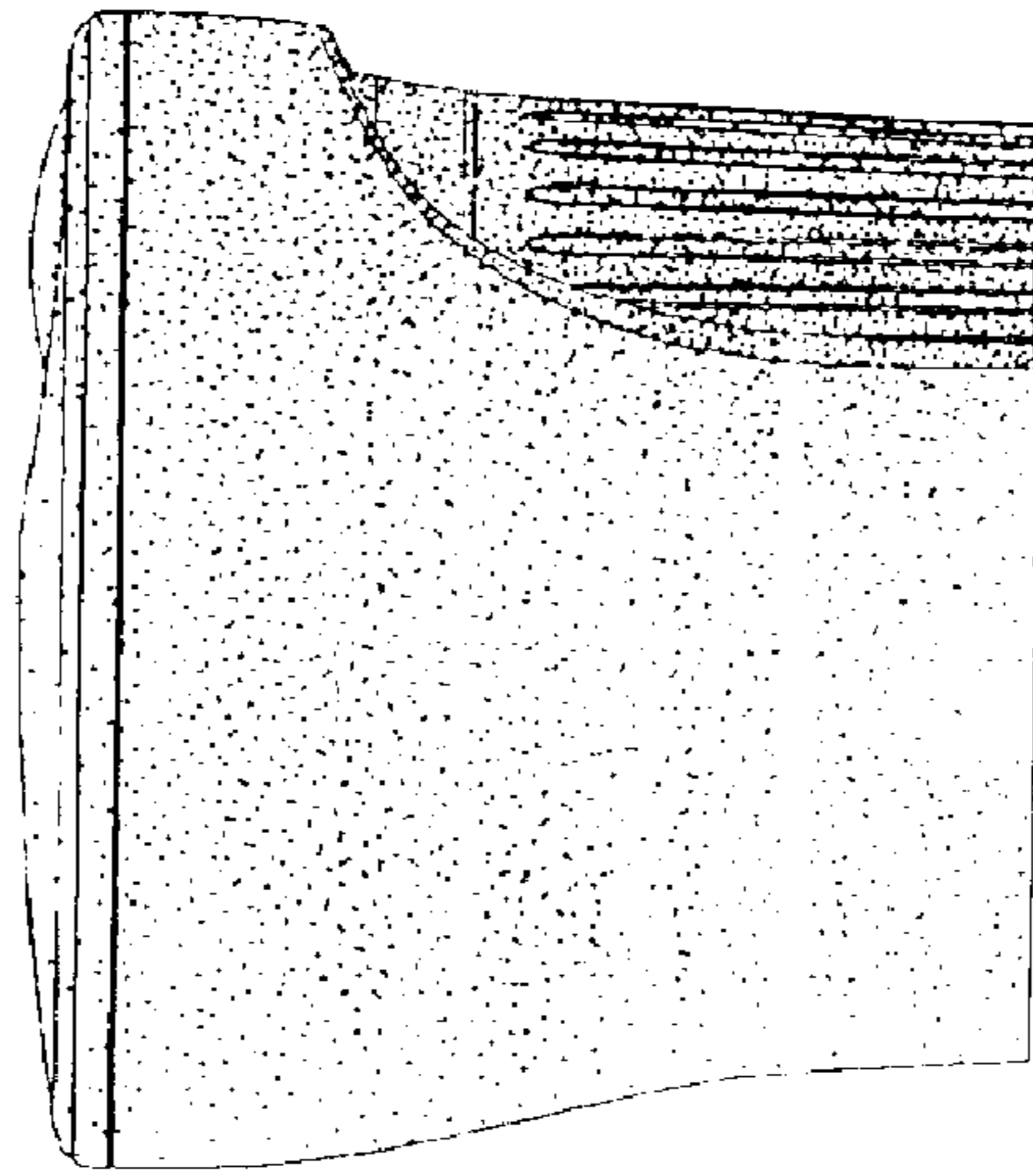


Fig. 2

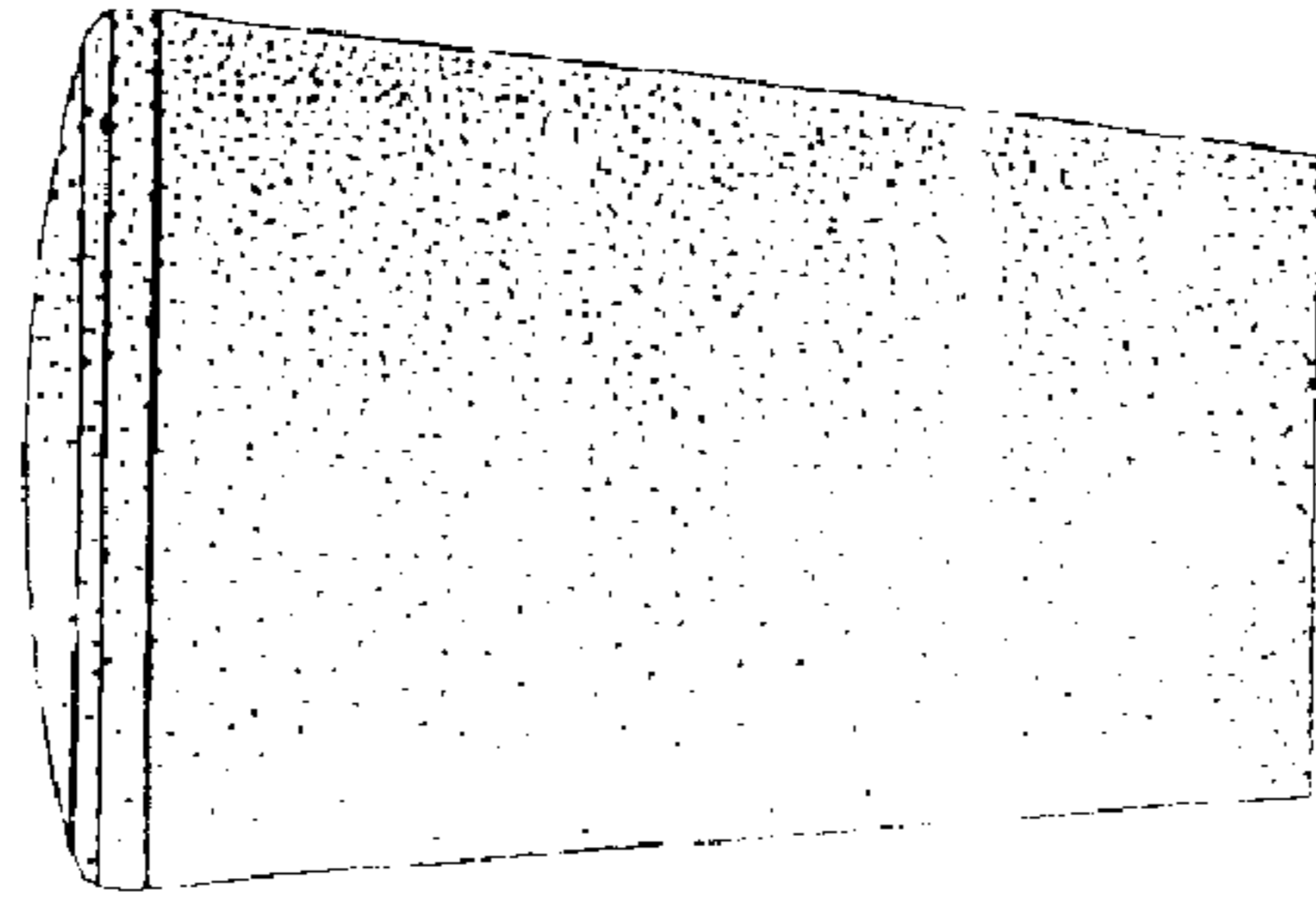


Fig. 3

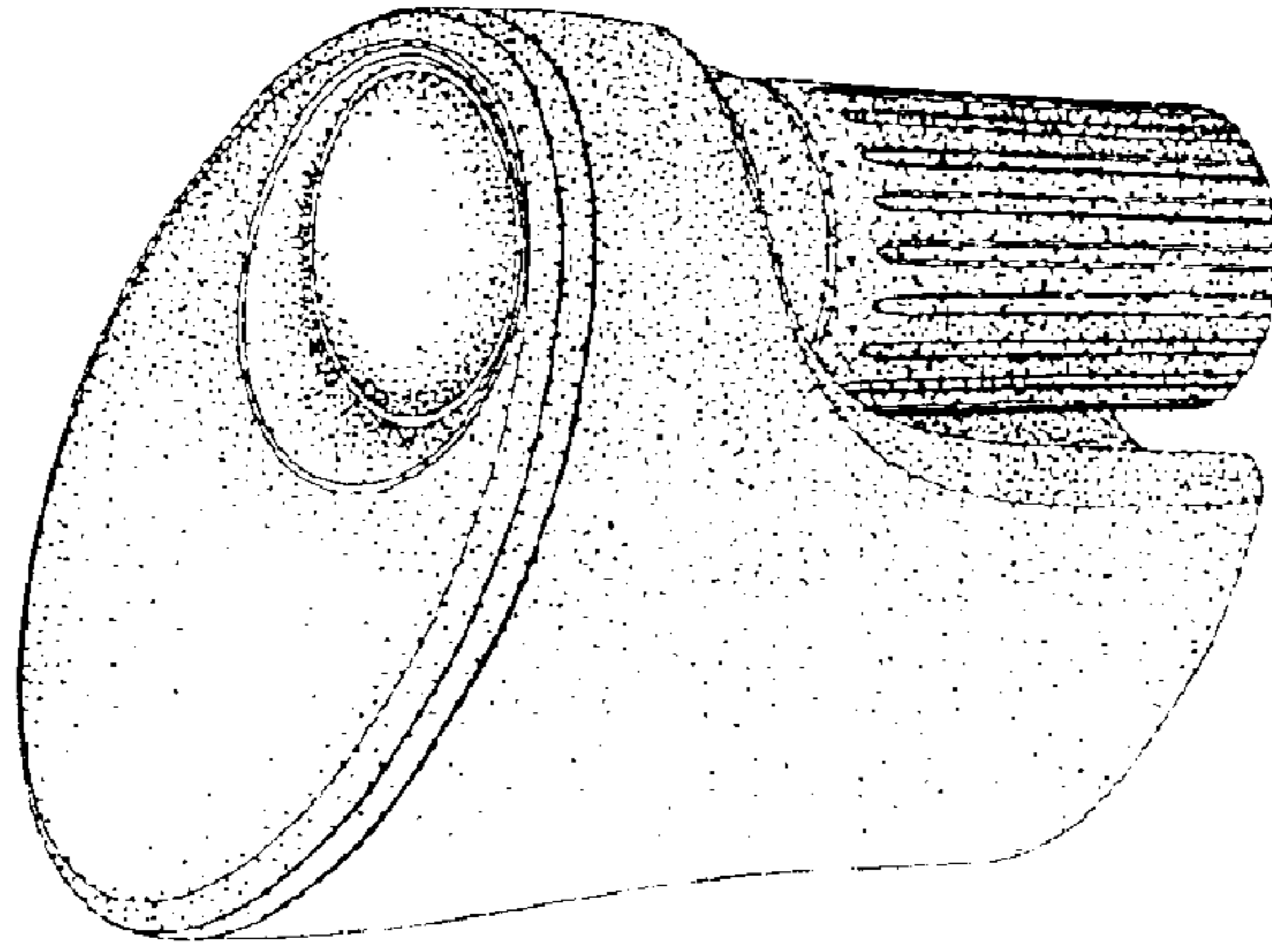


Fig. 6

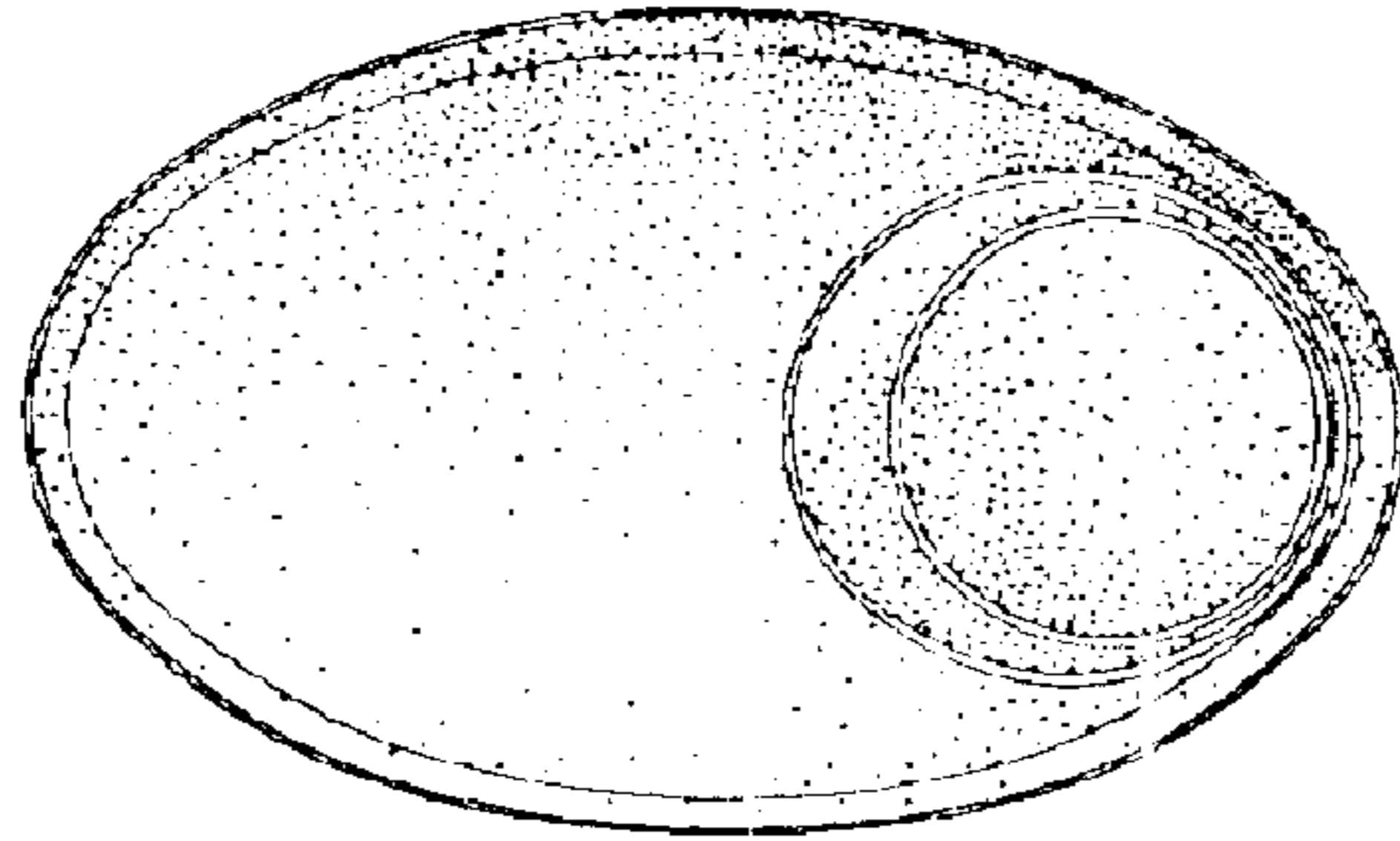


Fig. 5

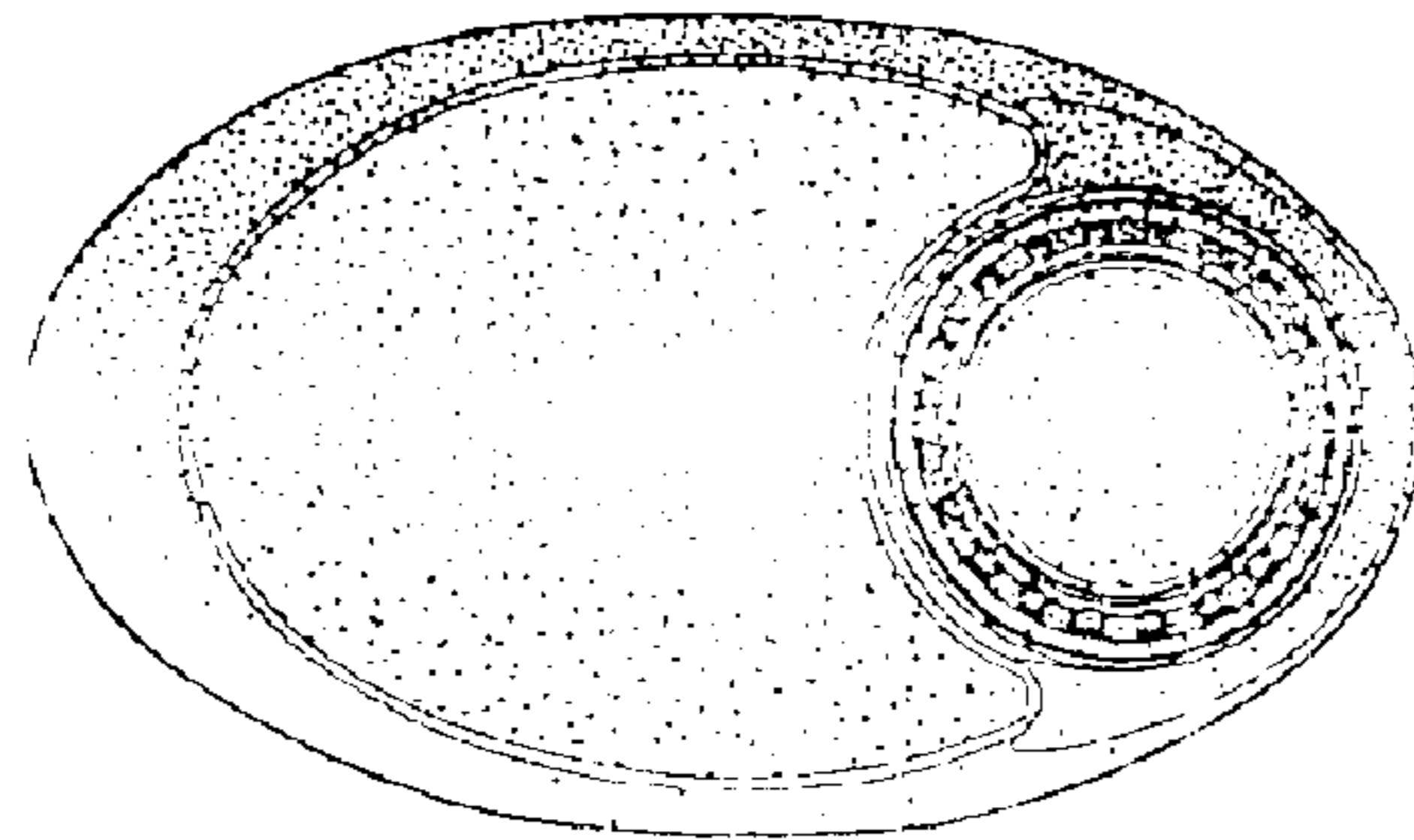


Fig. 4

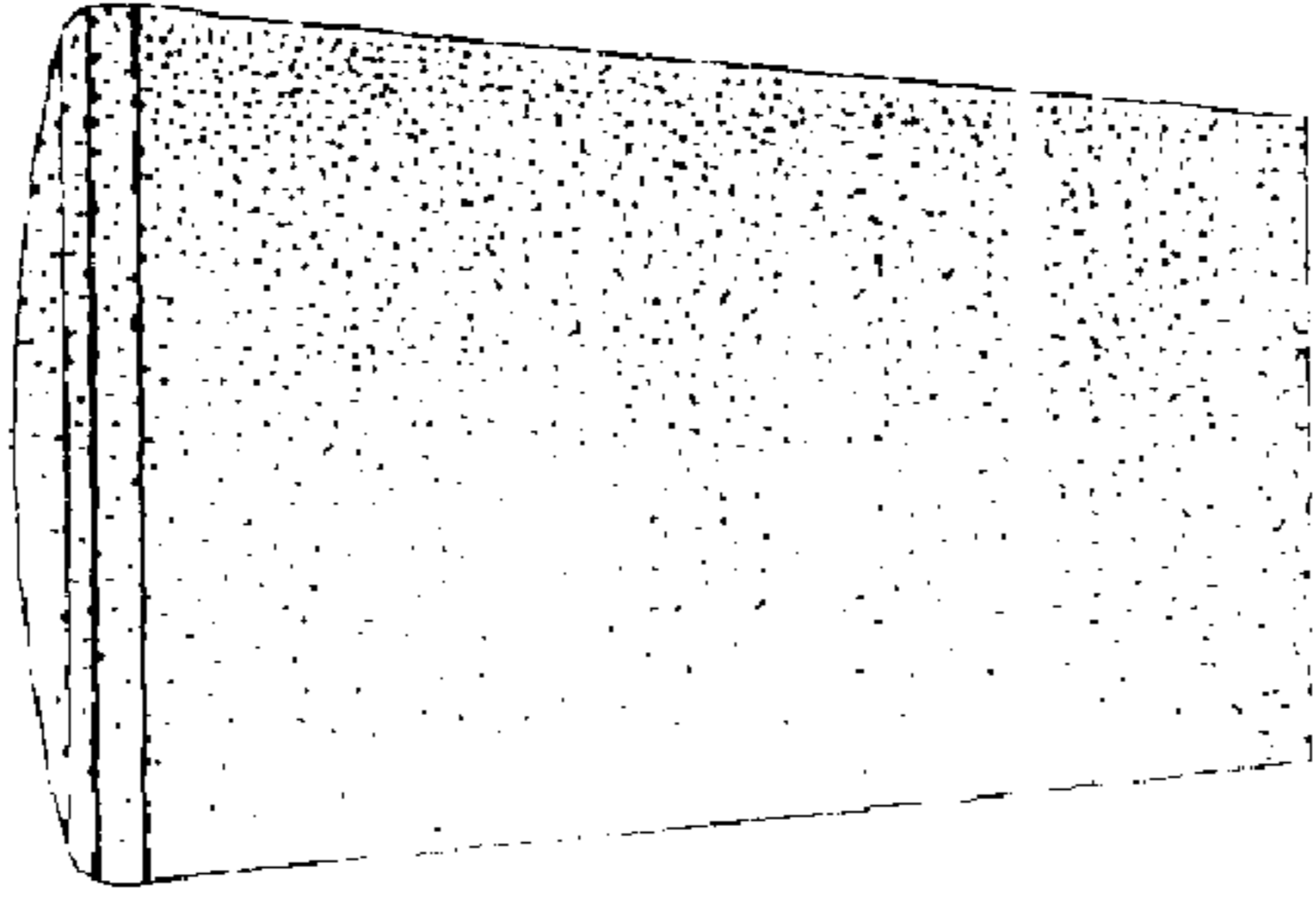


Fig. 9

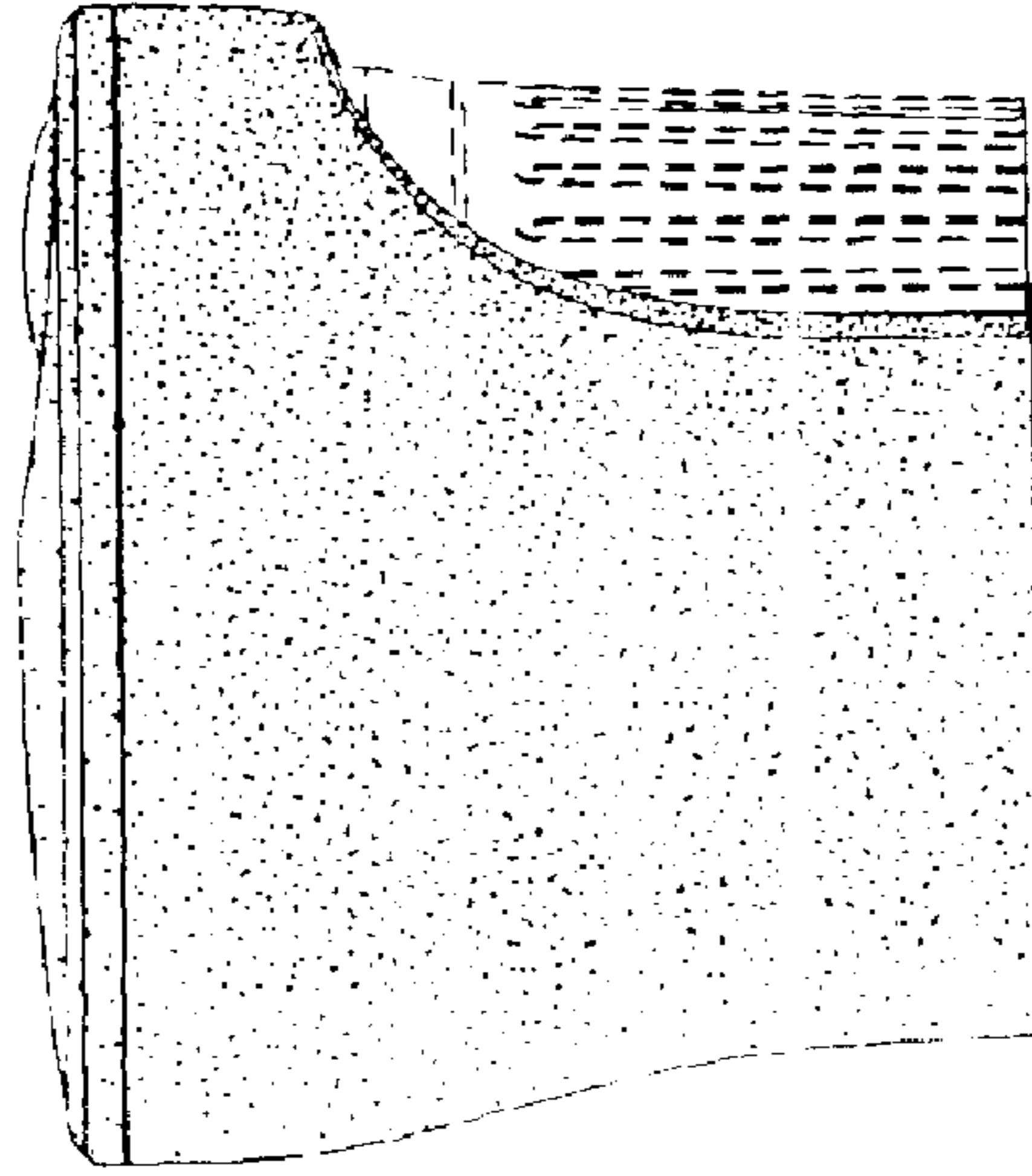


Fig. 8

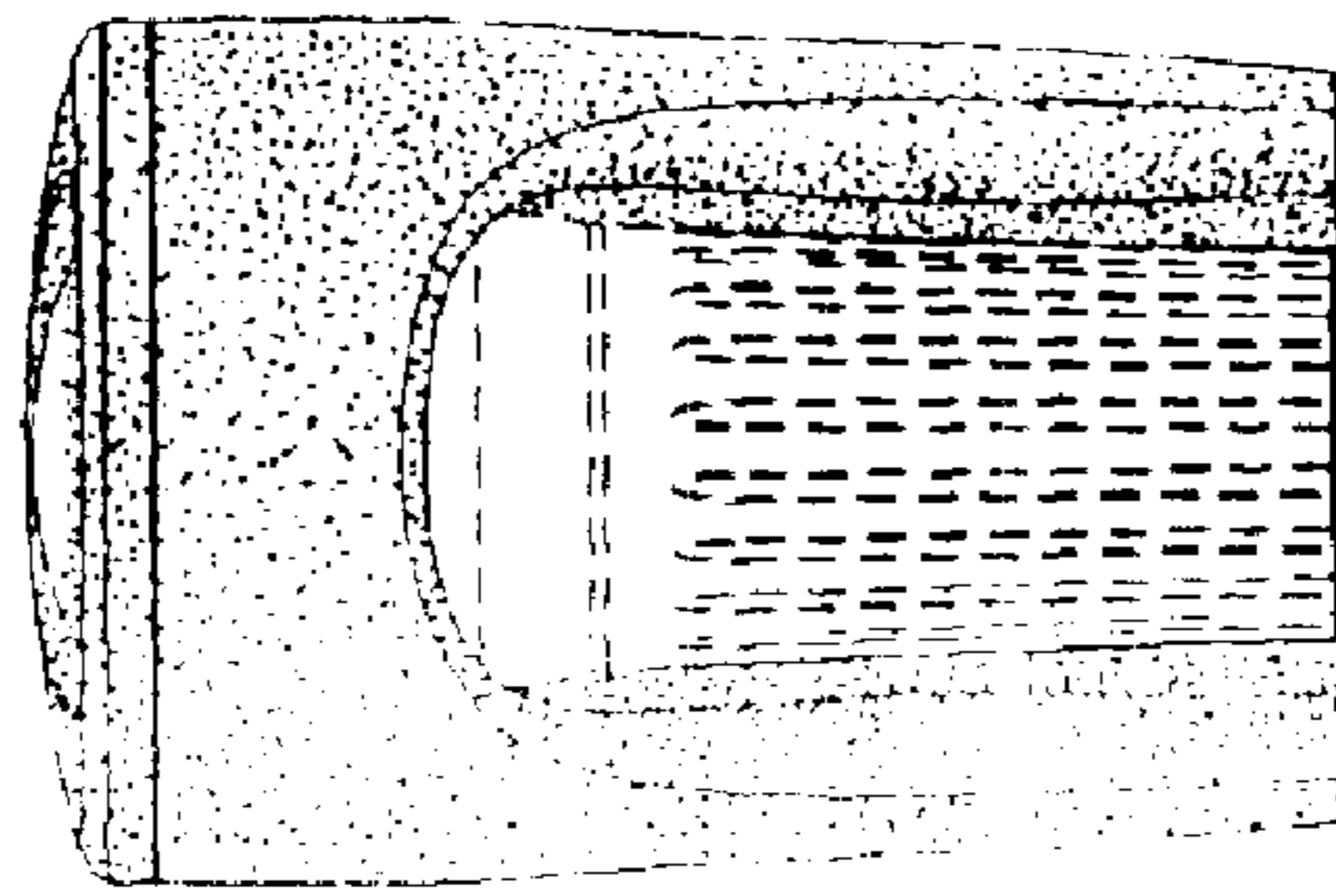


Fig. 7

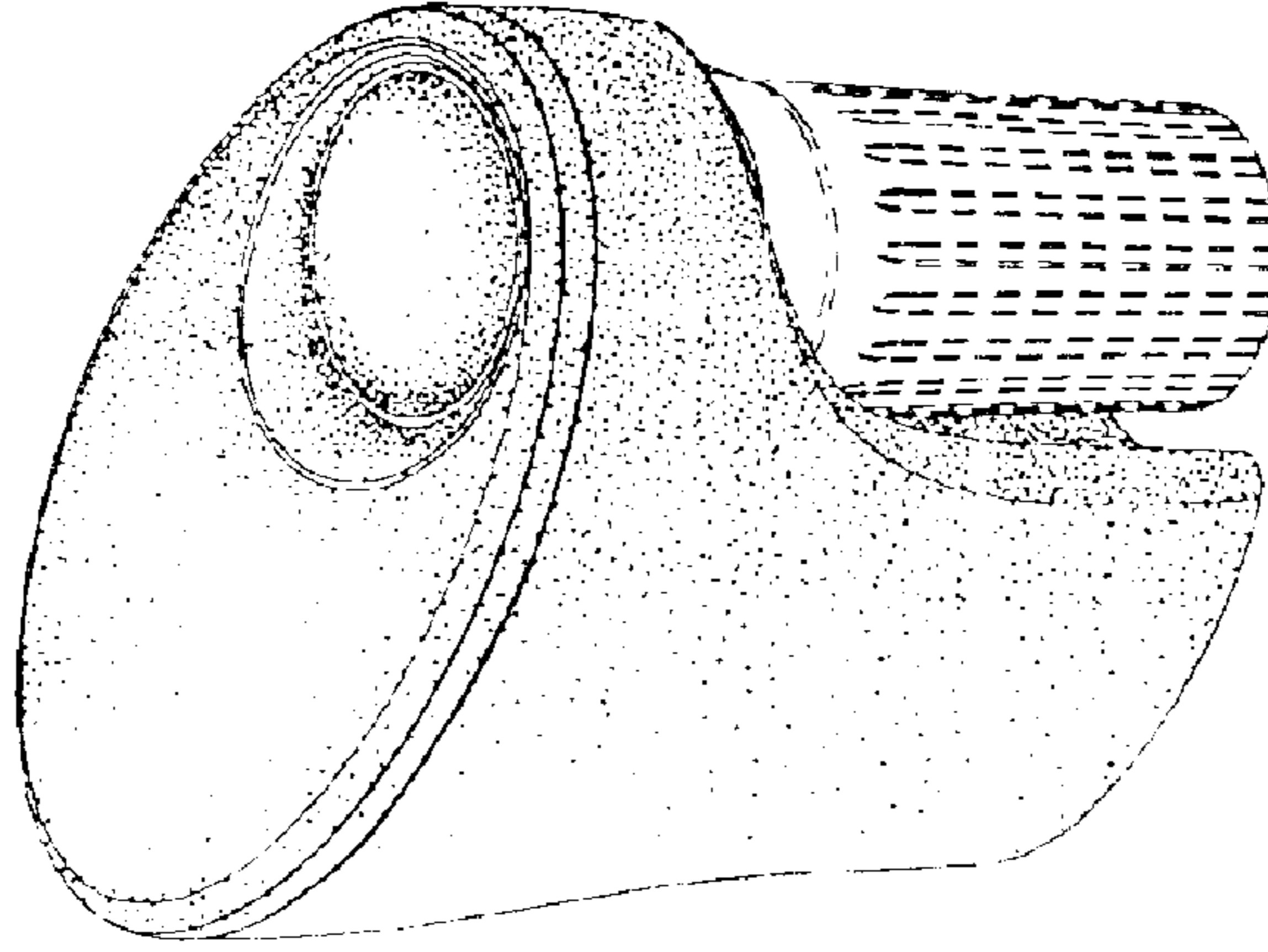


Fig. 12

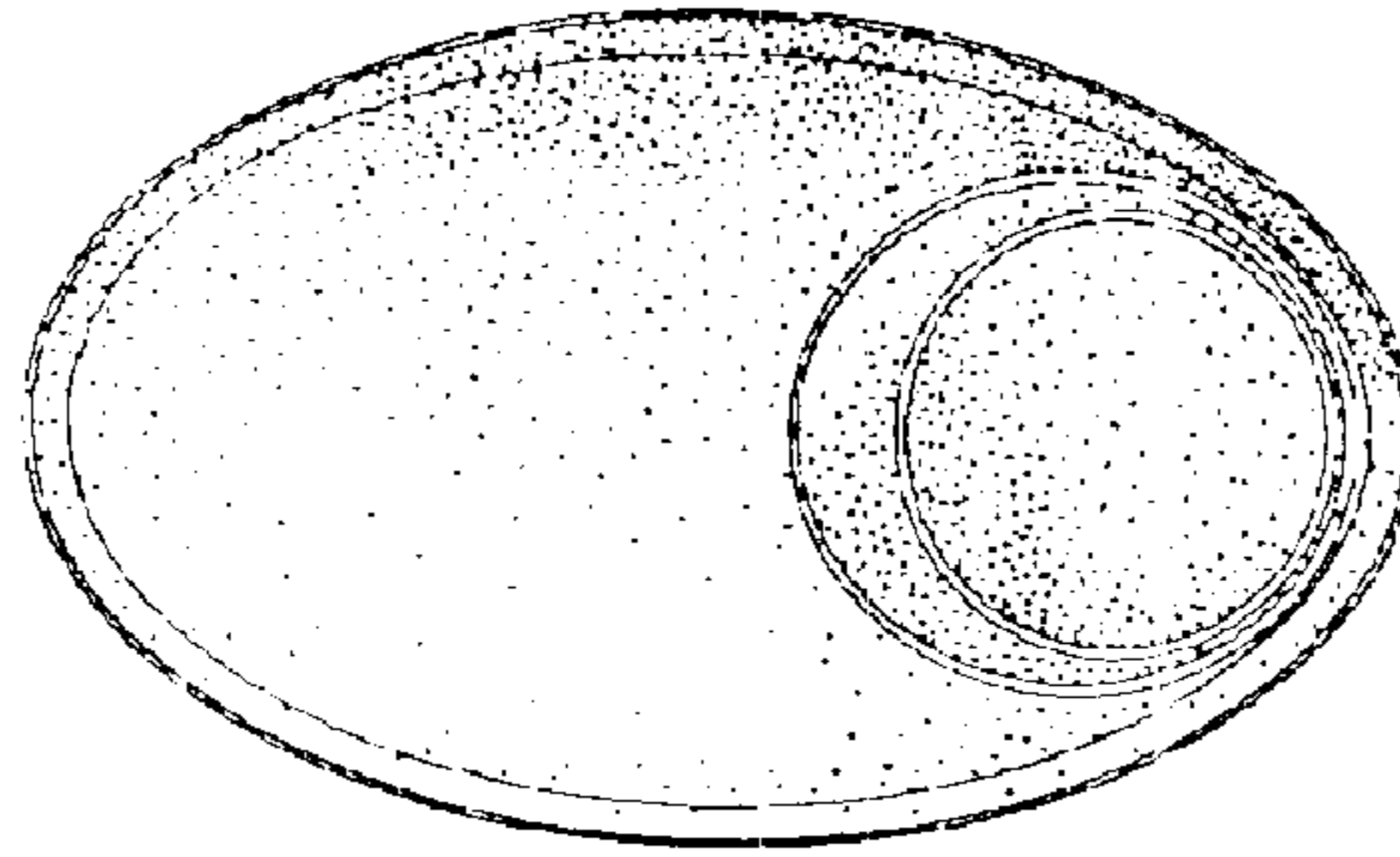


Fig. 11

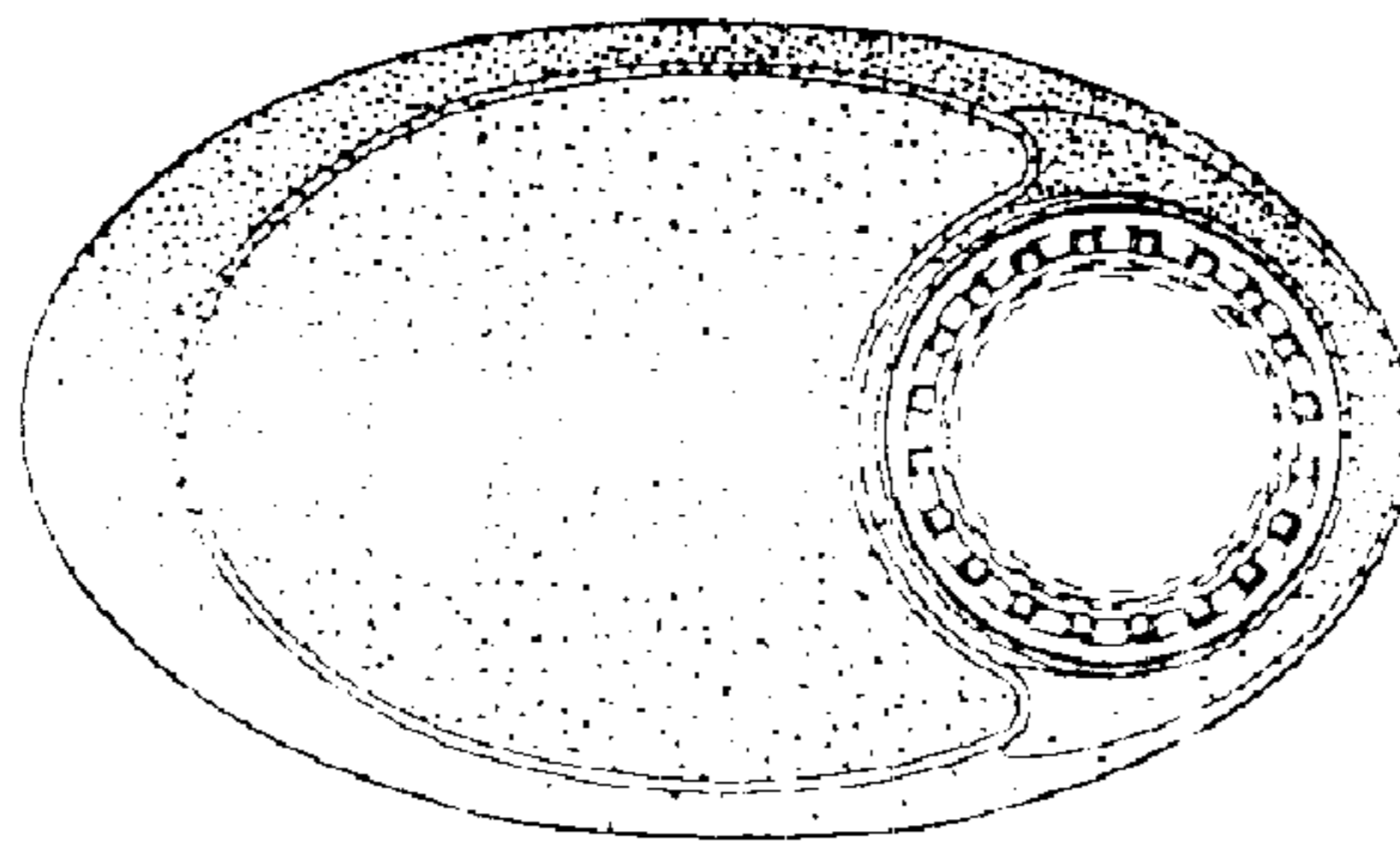


Fig. 10