



US00D790599S

(12) **United States Design Patent** (10) **Patent No.:** **US D790,599 S**
Knobloch et al. (45) **Date of Patent:** **** Jun. 27, 2017**

(54) **TRACK LINK**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Caterpillar Inc.**, Peoria, IL (US)

AU 139354 12/1999
AU 140881 6/2000

(Continued)

(72) Inventors: **Daniel Knobloch**, Peoria, IL (US);
Mark Diekevers, Peoria, IL (US);
Timothy Thorson, Peoria, IL (US);
Caroline Brewer, Peoria, IL (US);
Gregory Kaufmann, Metamora, IL (US);
Kevin Steiner, Peoria, IL (US);
Temitope Akinlua, Peoria, IL (US);
Martin Tagore Joseph Xavier, Chennai (IN)

OTHER PUBLICATIONS

Caterpillar, "Cat® Tri- and Quad-Link Tracks," © 2010.
(Continued)

Primary Examiner — Mark Goodwin
(74) *Attorney, Agent, or Firm* — Saidman Design Law Group

(73) Assignee: **Caterpillar Inc.**, Peoria, IL (US)

(57) **CLAIM**

(**) Term: **15 Years**

The ornamental design for a track link, as shown and described.

(21) Appl. No.: **29/574,492**

DESCRIPTION

(22) Filed: **Aug. 16, 2016**

FIG. 1 is a perspective view of a track link showing our new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a front view thereof;
FIG. 6 is a rear view thereof;
FIG. 7 is a top view thereof;
FIG. 8 is a bottom view thereof;
FIG. 9 is a perspective view of a second embodiment thereof;
FIG. 10 is another perspective view thereof;
FIG. 11 is a left side view thereof;
FIG. 12 is a right side view thereof;
FIG. 13 is a front view thereof;
FIG. 14 is a rear view thereof;
FIG. 15 is a top view thereof; and,
FIG. 16 is a bottom view thereof.

Related U.S. Application Data

(63) Continuation of application No. 29/522,677, filed on Apr. 1, 2015, now Pat. No. Des. 769,333.

(51) **LOC (10) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/28**

(58) **Field of Classification Search**
USPC D15/10, 22-26, 28; 305/185-187, 199, 305/201, 200, 204, 198, 190, 193, 194, 305/195, 196; 59/80, 78, 82, 35.1
(Continued)

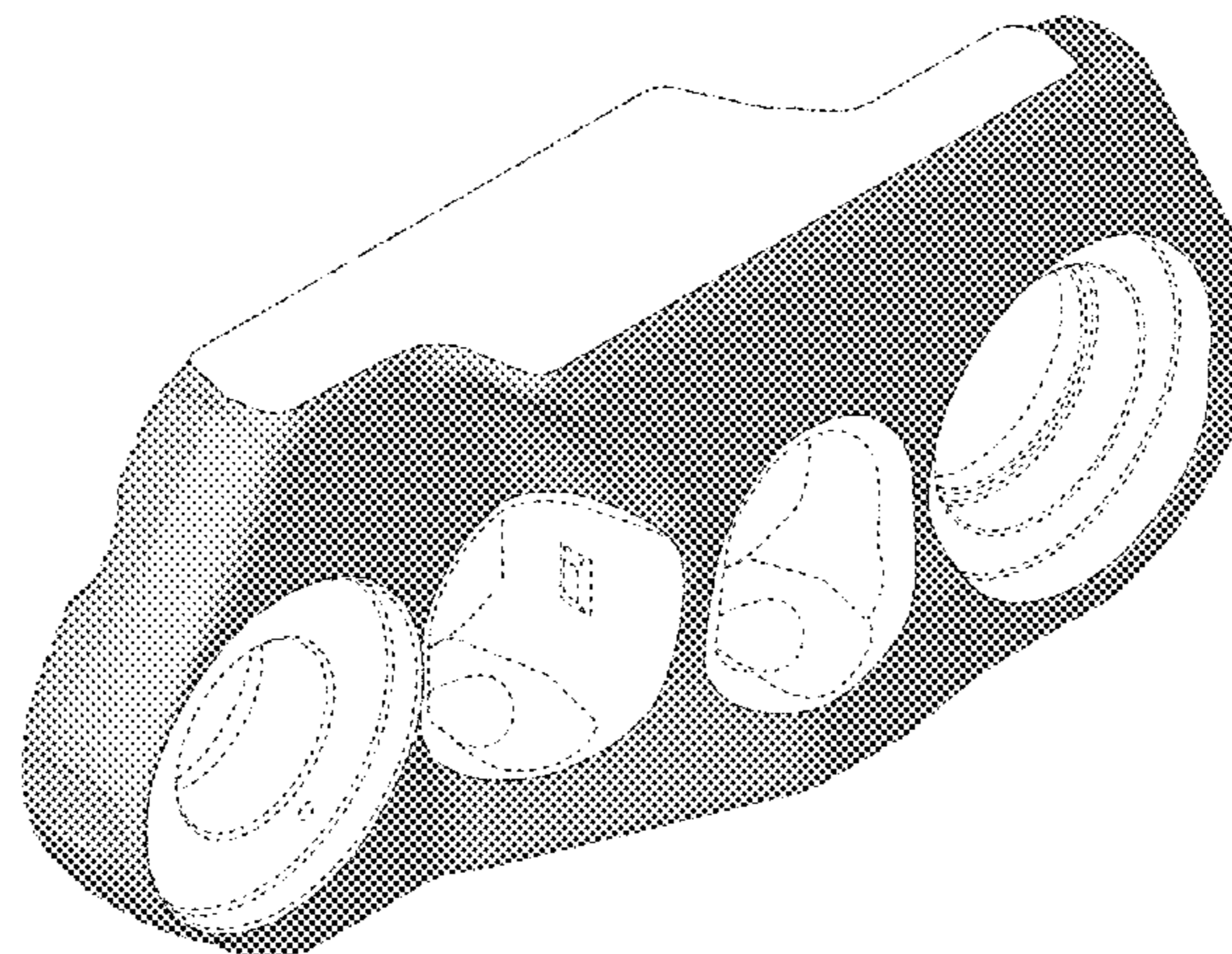
The gray shading represents surface contour of the claimed design, not surface ornamentation or any particular color. The dot-dash broken lines illustrate boundaries of the claimed design; the boundaries themselves form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

800,575 A 9/1905 Hickey
2,566,678 A 9/1951 Riegel et al.
(Continued)

(Continued)



The uniform dashed broken lines illustrate structure or features that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(58) Field of Classification Search

CPC B62D 55/211; B62D 55/213; B62D 55/2128;
B62D 55/205; B62D 55/26; B62D 55/32;
F16G 13/00; F16G 13/02; F16G 13/06;
F16G 13/07; F16G 13/08
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

3,035,872	A	5/1962	Rich
3,372,959	A	3/1968	Watts, Jr.
3,937,530	A	2/1976	Sturges
3,947,074	A	3/1976	Nelson
3,955,855	A	5/1976	Massieon et al.
4,003,608	A	1/1977	Carter
4,036,538	A	7/1977	Haslett et al.
4,081,202	A	3/1978	Kozuki
4,082,372	A	4/1978	Kozuki
4,098,543	A	7/1978	Sturges
4,099,795	A	7/1978	Roley
RE29,723	E	8/1978	Haslett et al.
4,105,260	A	8/1978	Blunier et al.
4,116,497	A	9/1978	Schimpf et al.
4,123,120	A	10/1978	Kohriyama
4,128,277	A	12/1978	Meisel, Jr.
4,129,045	A	12/1978	Kishitani
4,141,601	A	2/1979	Stedman
4,149,758	A	4/1979	Livesay
4,176,887	A	12/1979	Alpers et al.
4,265,084	A	5/1981	Livesay
4,306,753	A	12/1981	Livesay et al.
4,423,910	A	1/1984	Narang
4,444,441	A	4/1984	Parker
4,449,357	A	5/1984	Balitch
4,459,124	A	7/1984	Newton
4,530,546	A	7/1985	Meisel, Jr.
4,553,791	A	11/1985	Blair
4,602,825	A	7/1986	Meisel, Jr.
4,636,014	A	1/1987	Dennison et al.
4,763,961	A	8/1988	Parrott
4,880,283	A	11/1989	Savage et al.
4,890,892	A	1/1990	Haslett
5,172,965	A	12/1992	Taft
5,183,318	A	2/1993	Taft et al.
5,201,171	A	4/1993	Anderton et al.
D338,020	S	8/1993	Taft
5,482,364	A	1/1996	Edwards et al.
5,692,985	A	12/1997	Hirata et al.
5,704,697	A	1/1998	Ketting et al.
5,759,309	A	6/1998	Watts et al.
5,887,958	A	3/1999	Bissi et al.
5,927,665	A	7/1999	Grabnic
6,109,706	A	8/2000	Oertley
6,120,405	A	9/2000	Oertley et al.
6,142,588	A	11/2000	Ketting et al.
D435,565	S	12/2000	Barani
RE37,254	E	7/2001	Ketting et al.
6,322,173	B1	11/2001	Maguire et al.
6,354,679	B1	3/2002	Maguire et al.
6,364,438	B1	4/2002	Hasselbusch et al.
6,386,651	B1	5/2002	Gerardin et al.
6,416,142	B1	7/2002	Oertley
6,422,667	B2	7/2002	Miyaura
6,431,665	B1	8/2002	Banerjee et al.
6,474,754	B1	11/2002	Hasselbusch
6,565,161	B2	5/2003	Anderton
6,783,196	B2	8/2004	Maguire et al.
6,951,096	B2	10/2005	Maguire et al.

7,007,360	B2	3/2006	Huenefeld et al.
7,040,080	B2	5/2006	Okawa et al.
7,100,353	B1	9/2006	Maguire
7,345,255	B2	3/2008	Jiang et al.
7,614,709	B2	11/2009	Oertley
7,661,774	B2	2/2010	Yamamoto et al.
7,776,451	B2	8/2010	Jiang et al.
7,806,209	B2	10/2010	Standish et al.
7,877,977	B2	2/2011	Johannsen et al.
7,896,766	B2	3/2011	Mitzschke et al.
8,070,241	B2	12/2011	Mulligan
8,075,069	B2	12/2011	Pech et al.
8,172,342	B2	5/2012	Diekevers et al.
D665,826	S	8/2012	Clarke et al.
8,336,970	B2	12/2012	Johannsen et al.
D719,588	S	12/2014	Meyer et al.
9,045,180	B2	6/2015	Brewer et al.
D751,609	S	3/2016	Meyer et al.
2003/0090151	A1	5/2003	Takeno et al.
2003/0122425	A1	7/2003	Banerjee
2005/0040708	A1	2/2005	Yamamoto et al.
2006/0017323	A1	1/2006	Wodrich et al.
2008/0217994	A1	9/2008	McRae et al.
2009/0026836	A1	1/2009	Maeda
2009/0102281	A1	4/2009	Diekevers et al.
2010/0007206	A1	1/2010	Wodrich
2010/0133898	A1	6/2010	Johannsen et al.
2010/0139993	A1	6/2010	Sebright et al.
2010/0141005	A1	6/2010	Mackert
2010/0141027	A1	6/2010	Fischer et al.
2014/0001822	A1	1/2014	Thorson et al.
2014/0001827	A1	1/2014	Kaufmann et al.
2014/0001828	A1	1/2014	Meyer et al.
2014/0001830	A1	1/2014	Meyer et al.
2014/0001831	A1	1/2014	Thorson et al.
2014/0070603	A1	3/2014	Wodrich et al.

FOREIGN PATENT DOCUMENTS

AU	143748	5/2001
AU	149531	10/2002
AU	304403	11/2005
AU	310269	9/2006
AU	324833	2/2009
CL	145-1939	7/1939
CL	75-1943	3/1943
CL	92-1990	5/1990
CL	1488-2002	9/2002
CL	2980-2001	8/2003
EM	000302823-0001	2/2005
EM	000450028-0003	12/2005
EM	000450028-0006	12/2005
EM	000472956-0001	1/2006
EM	000528807-0001	5/2006
EM	000528807-0002	5/2006
EM	000528807-0003	5/2006
GB	2087930	11/1999
WO	2012/116674	A1 9/2012

OTHER PUBLICATIONS

U.S. Appl. No. 14/461,328, filed Aug. 15, 2014, titled "Joint Bushings for Track Joint Assemblies." (unpublished).

U.S. Appl. No. 14/461,321, filed Aug. 15, 2014, titled "Track Joint Assemblies." (unpublished).

U.S. Appl. No. 14/461,304, filed Aug. 15, 2014, titled "Track Joint Assemblies." (unpublished).

U.S. Appl. No. 14/461,249, filed Aug. 15, 2014, titled "Track Joint Assemblies." (unpublished).

U.S. Appl. No. 14/461,289, filed Aug. 15, 2014, titled "Track Joint Assemblies." (unpublished).

U.S. Appl. No. 14/461,269, filed Aug. 15, 2014. (unpublished).

U.S. Appl. No. 29/522,680 titled "Track Link Assembly" filed Apr. 1, 2015. (unpublished).

U.S. Appl. No. 29/536,151 titled "Rail Guide" filed Aug. 13, 2015. (unpublished).

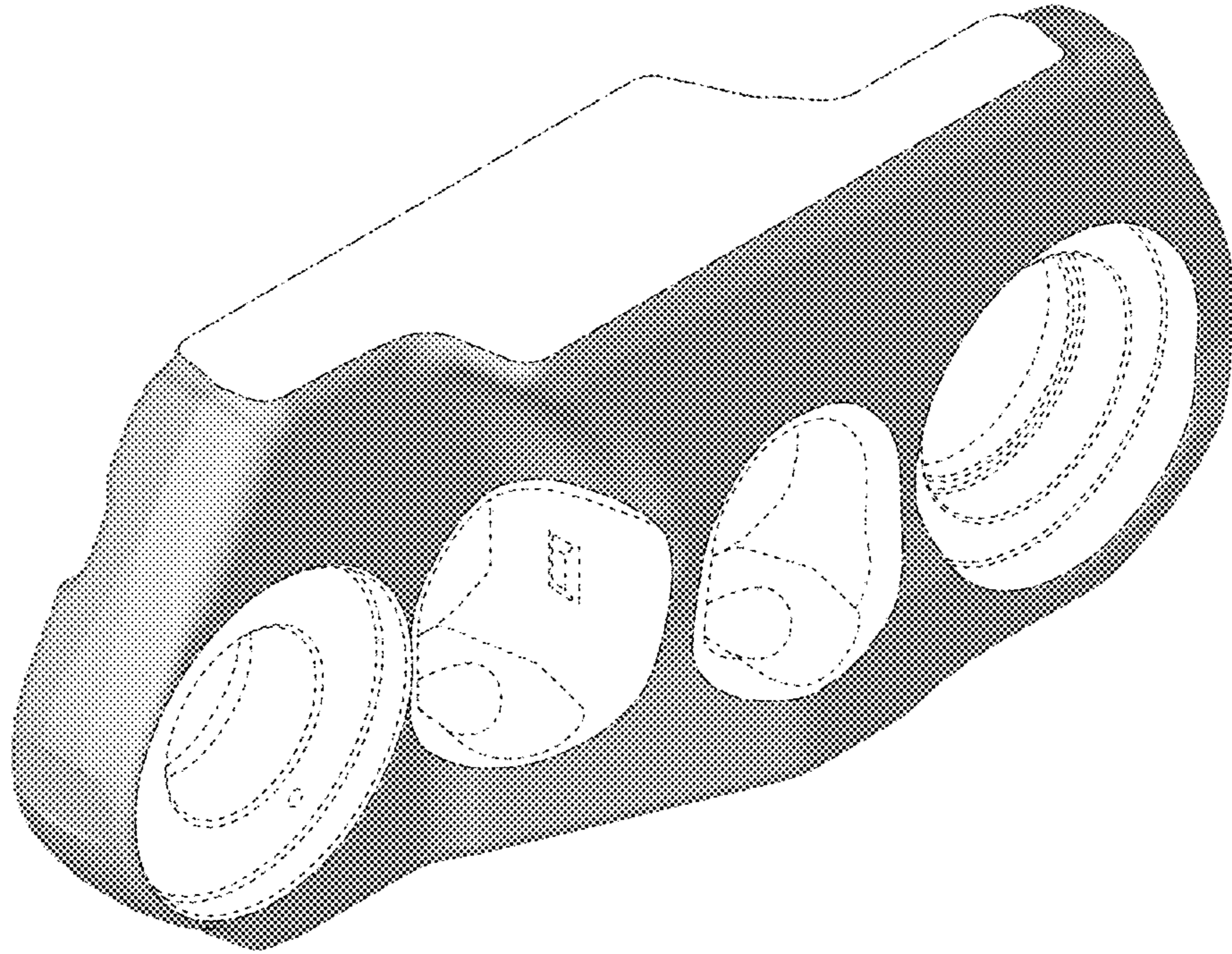


FIG. 1

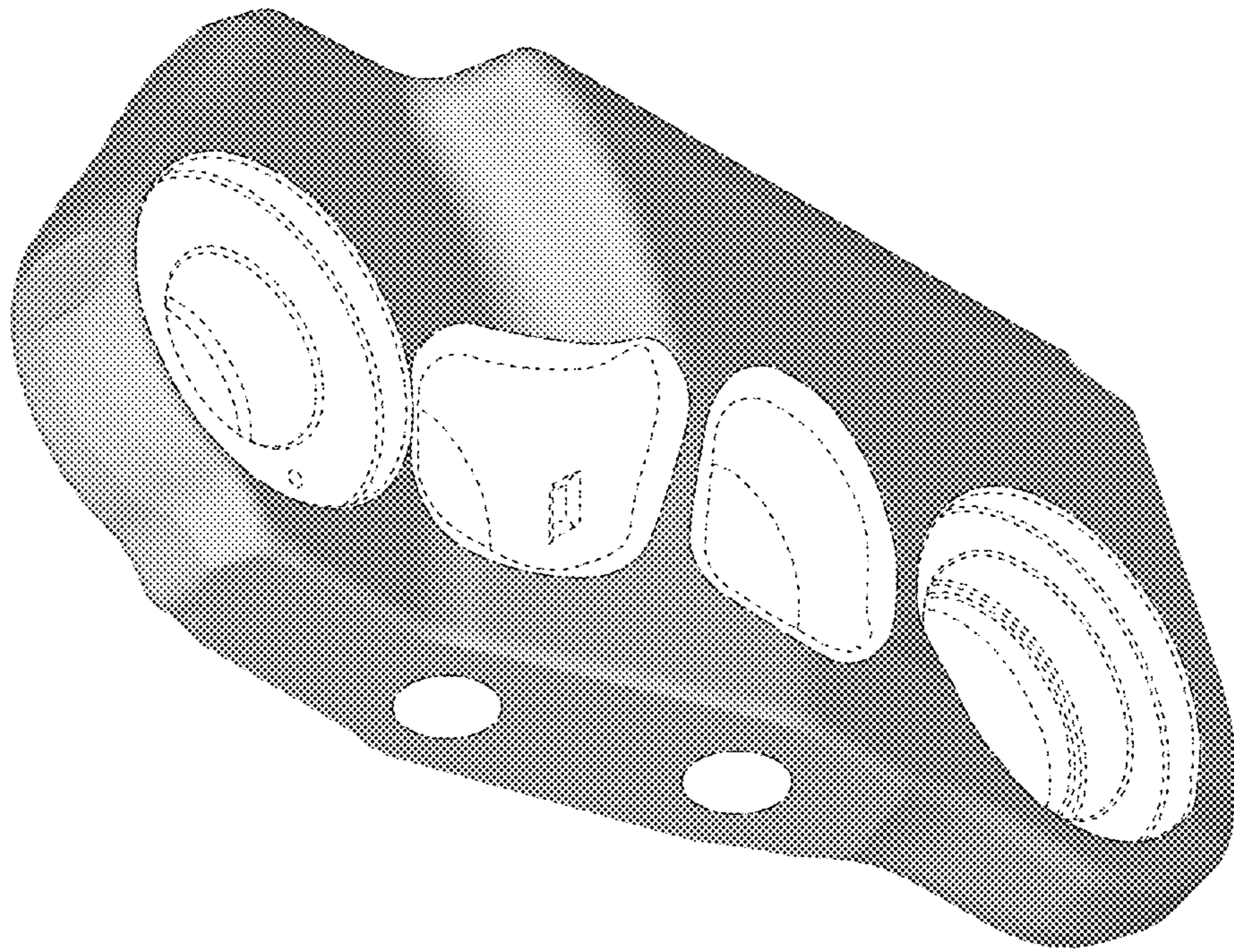


FIG. 2

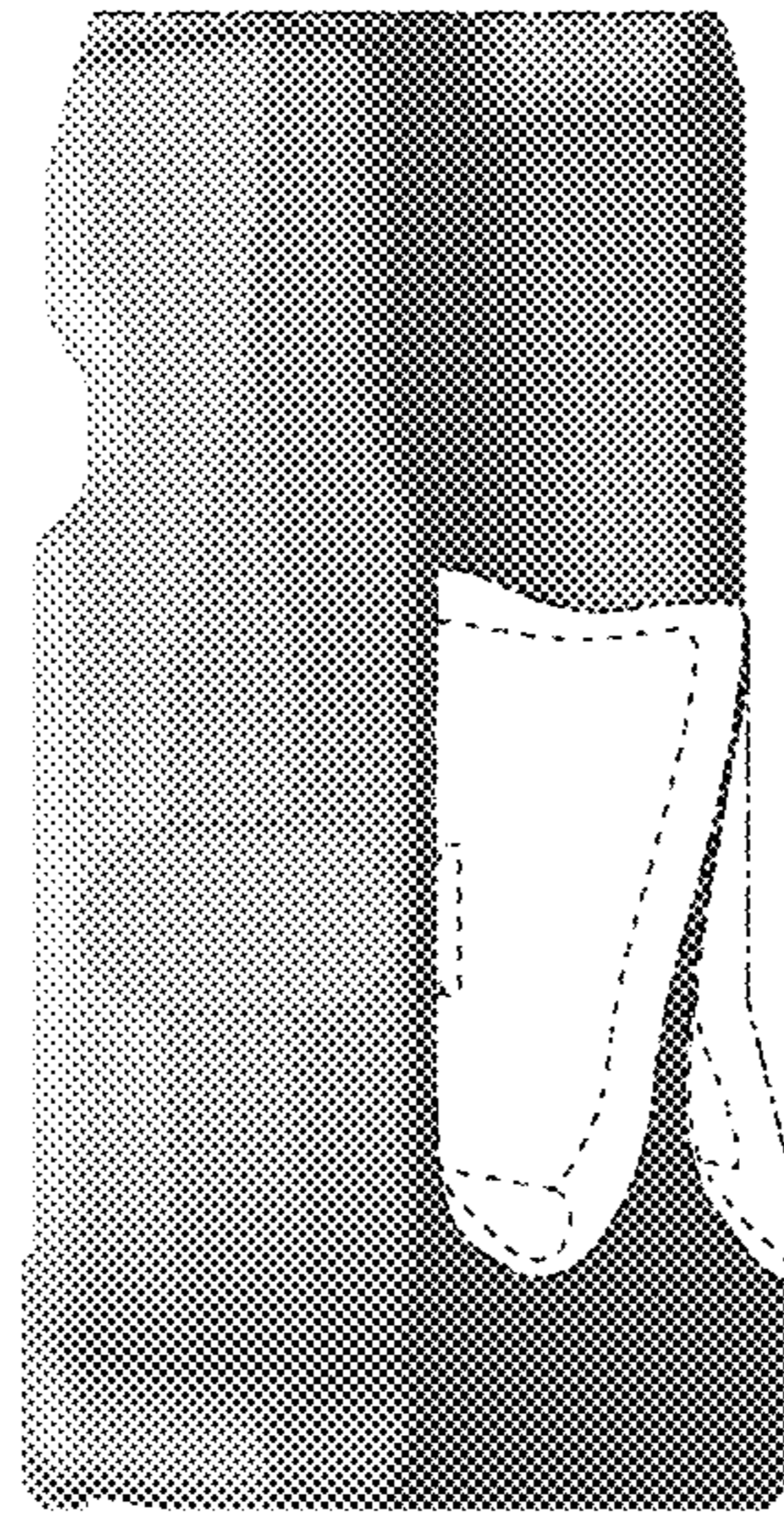


FIG. 3

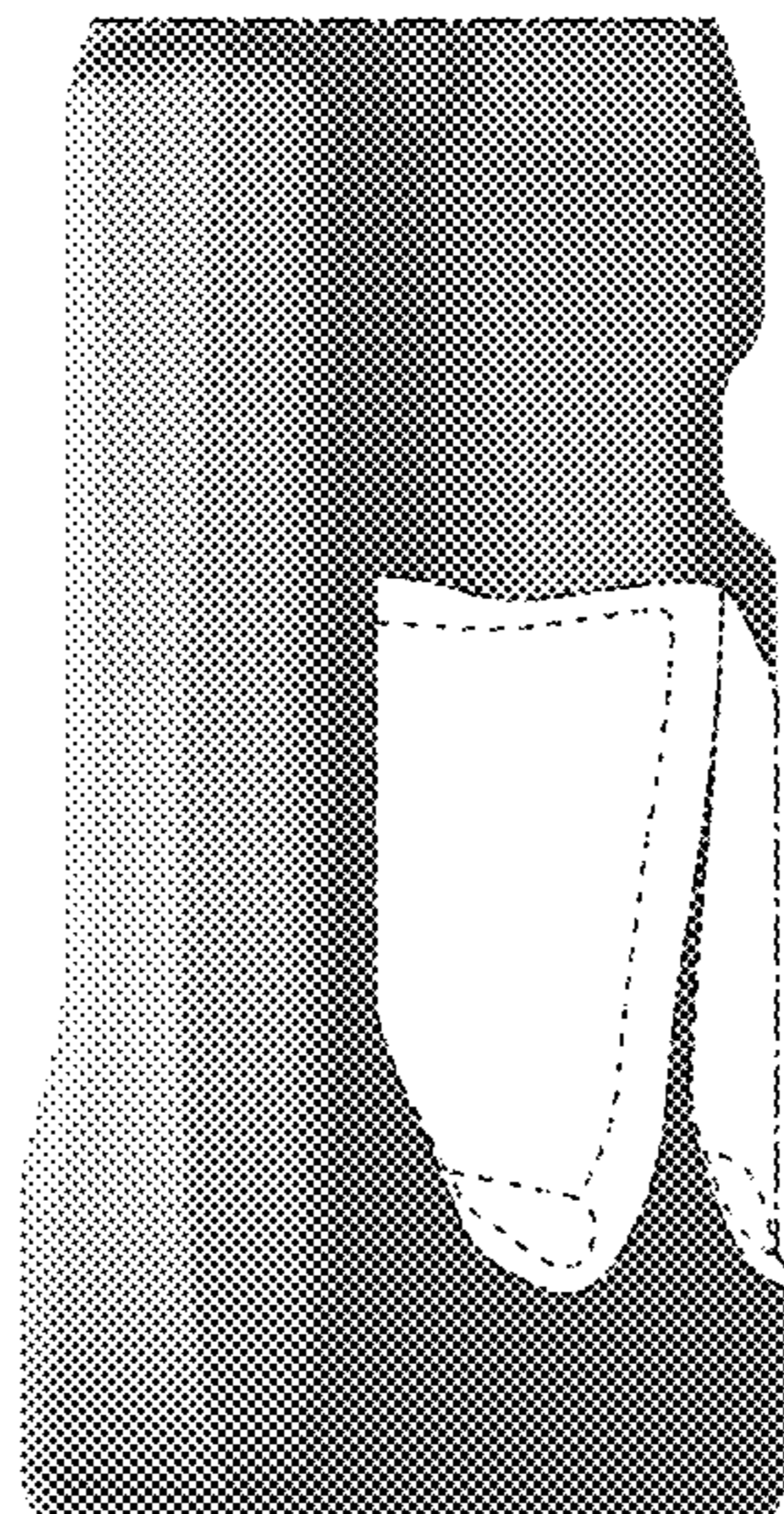


FIG. 4

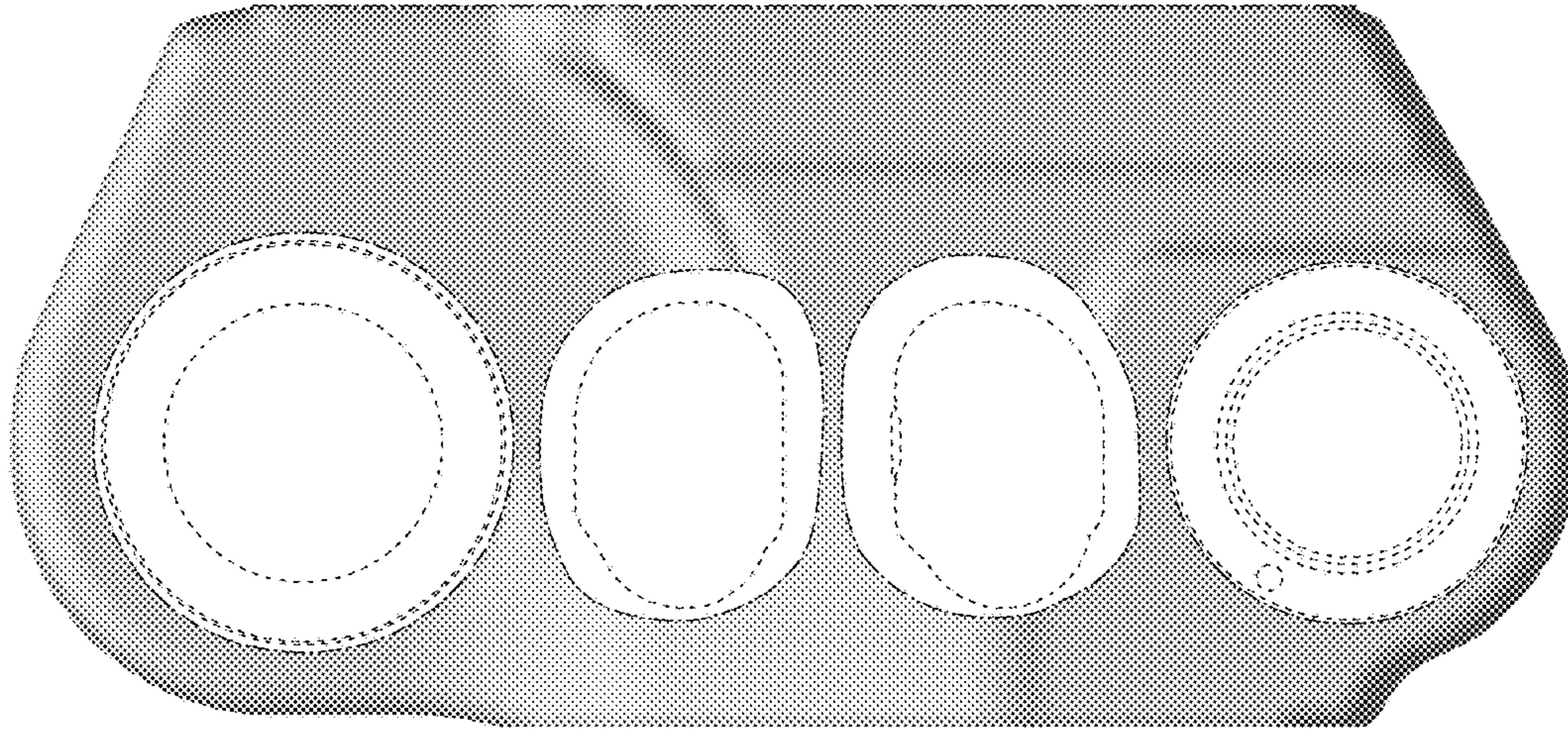


FIG. 5

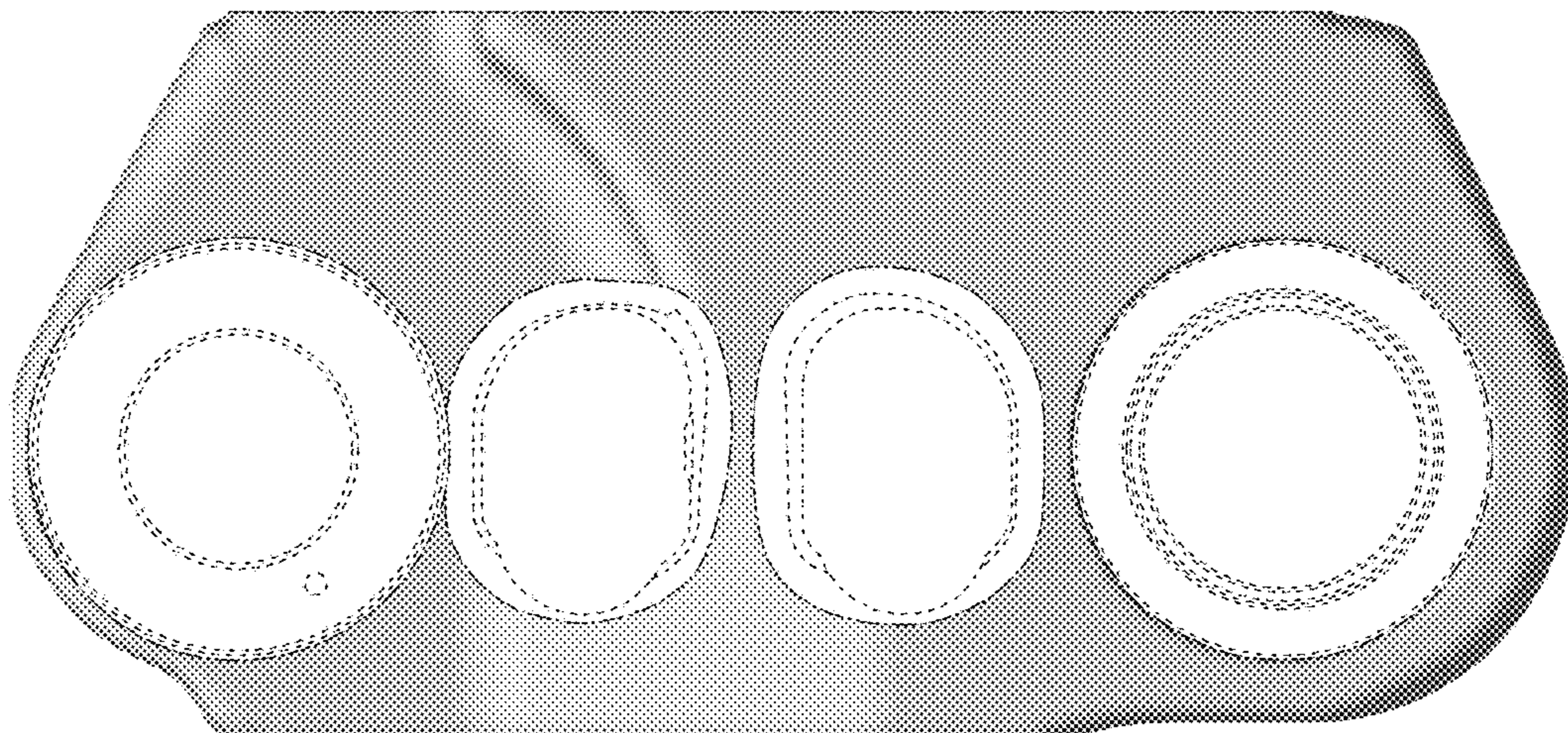


FIG. 6

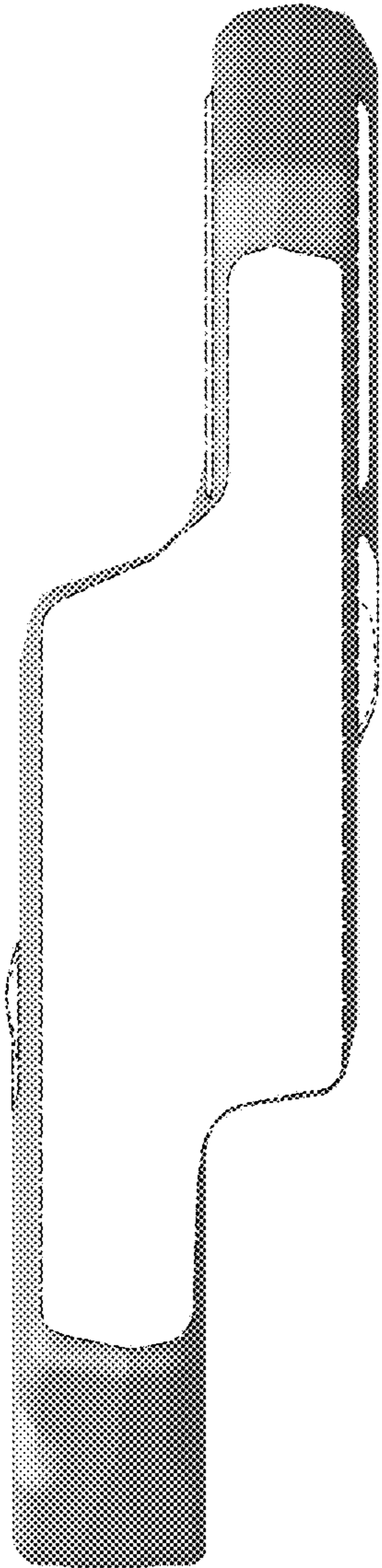


FIG. 7

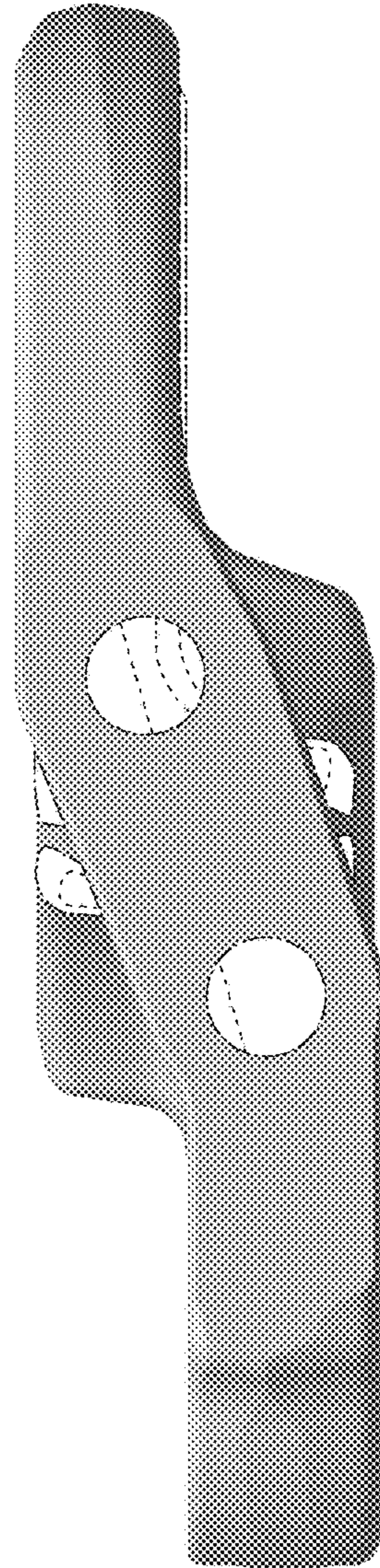


FIG. 8

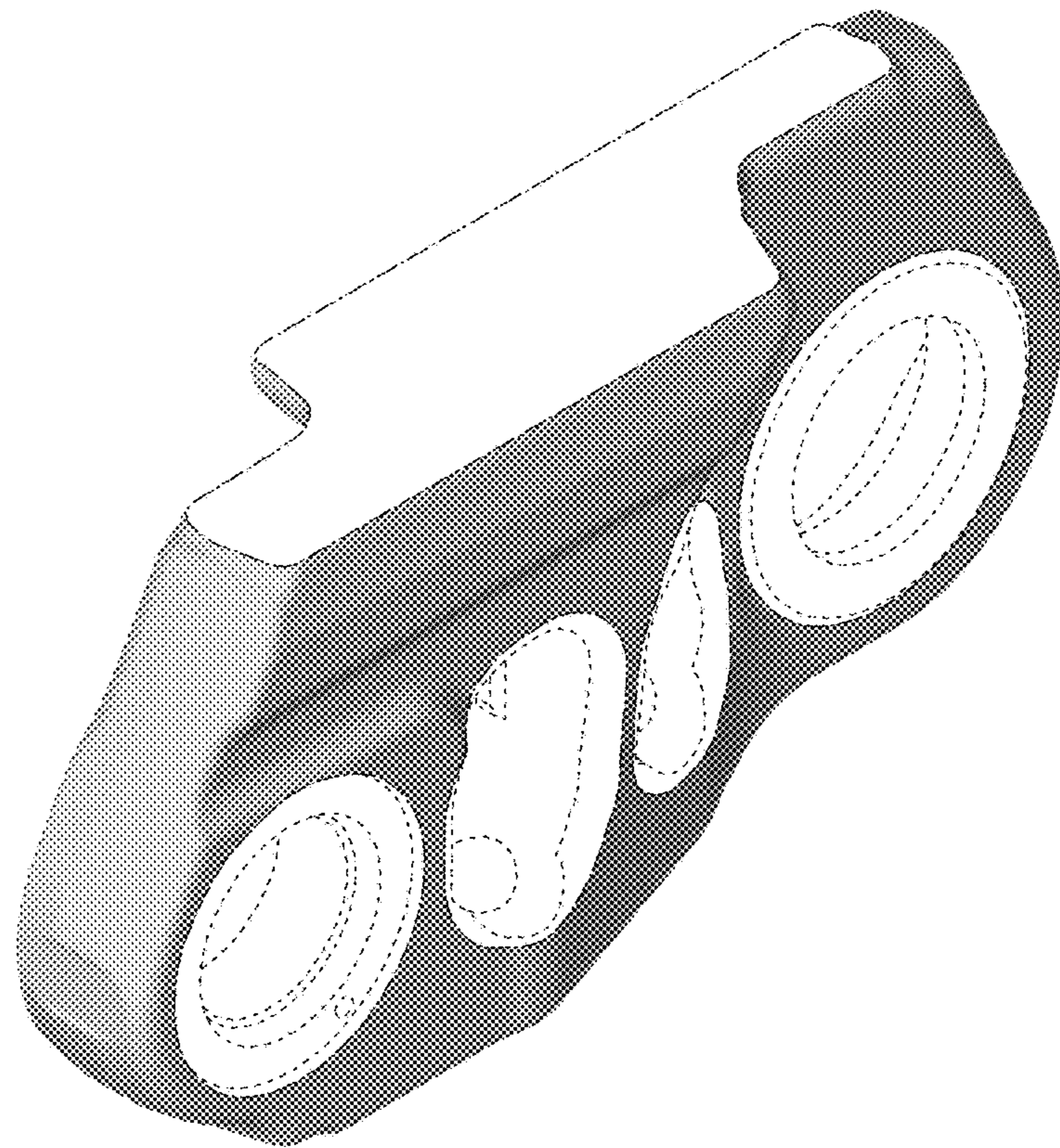


FIG. 9

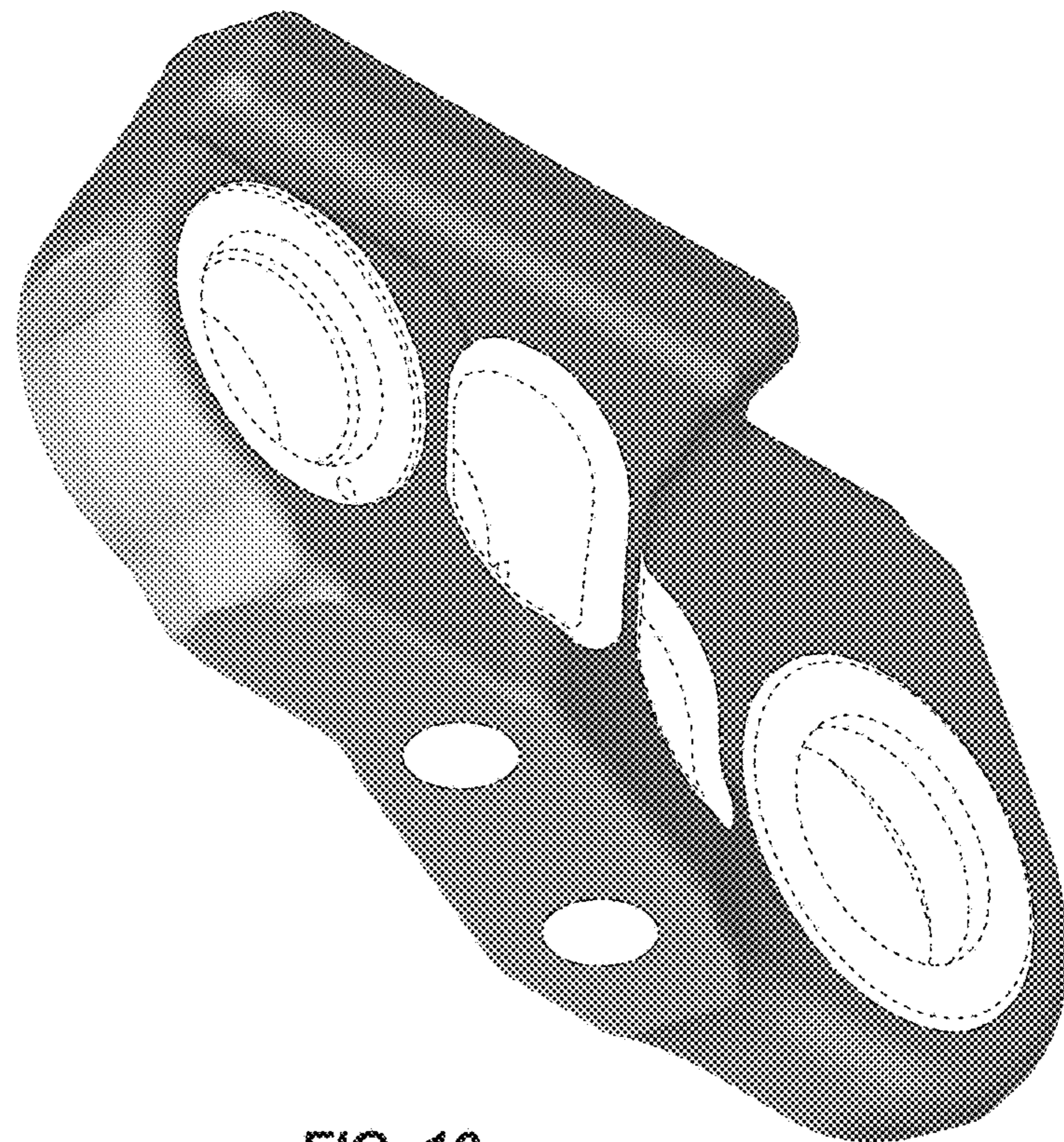


FIG. 10

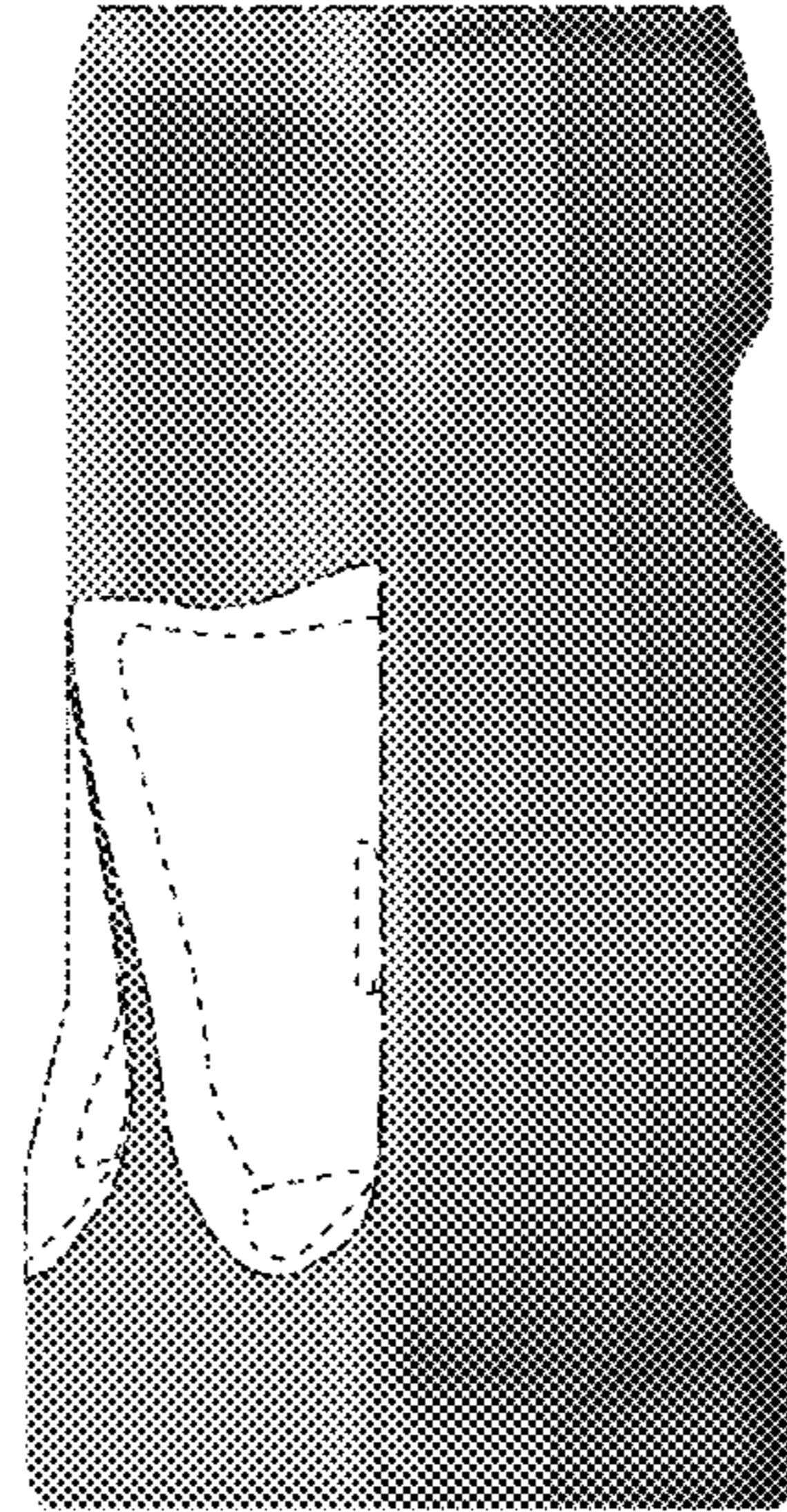


FIG. 11

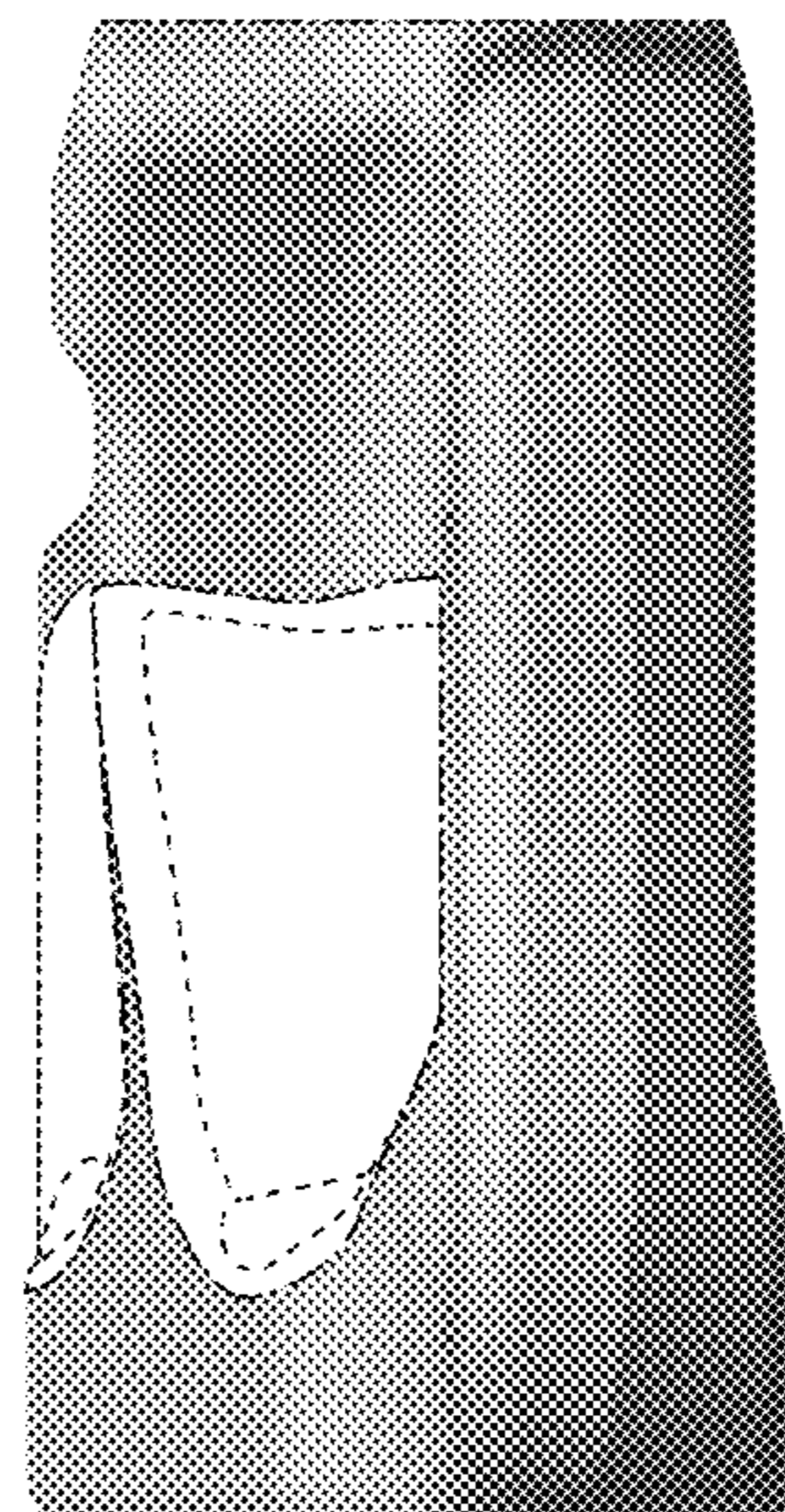


FIG. 12

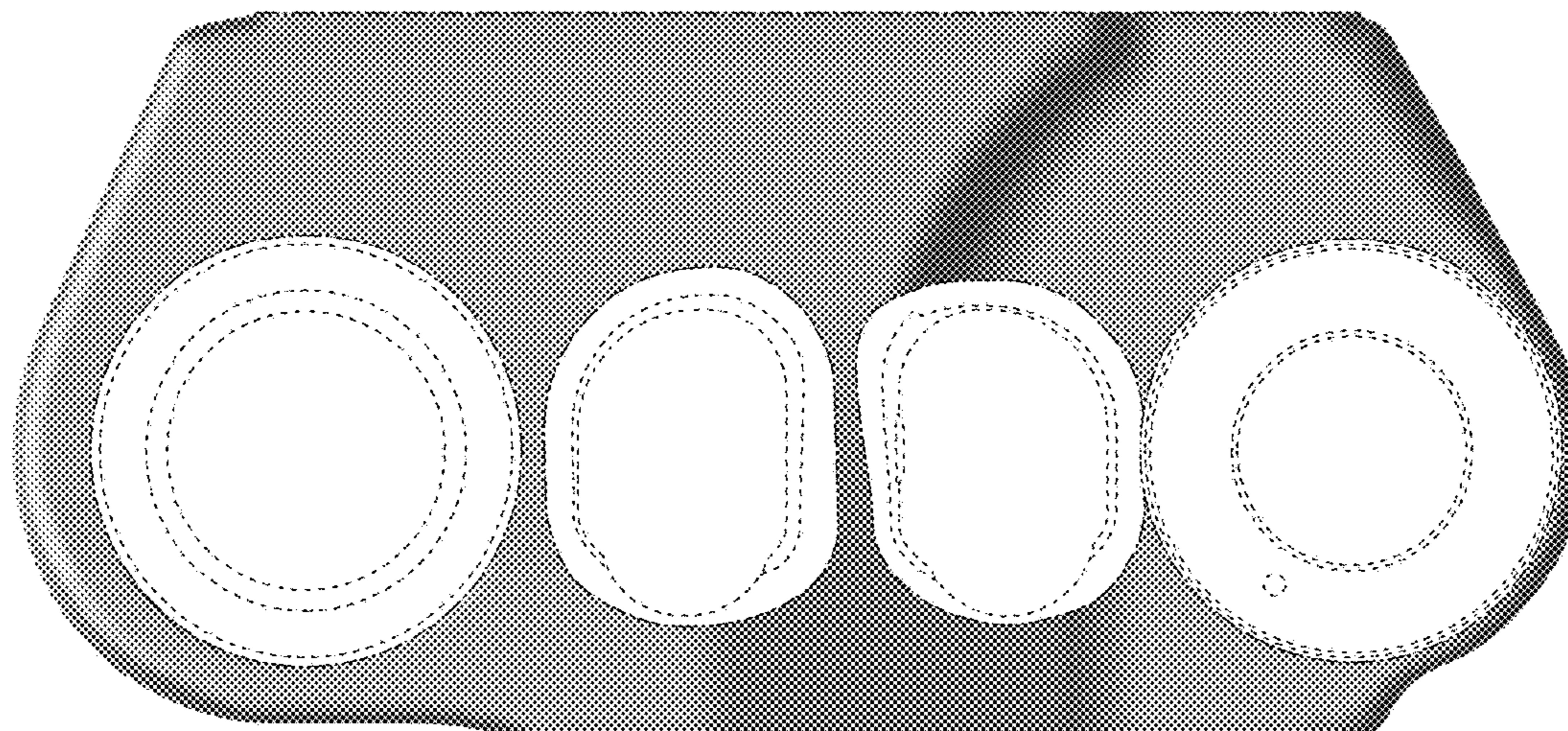


FIG. 13

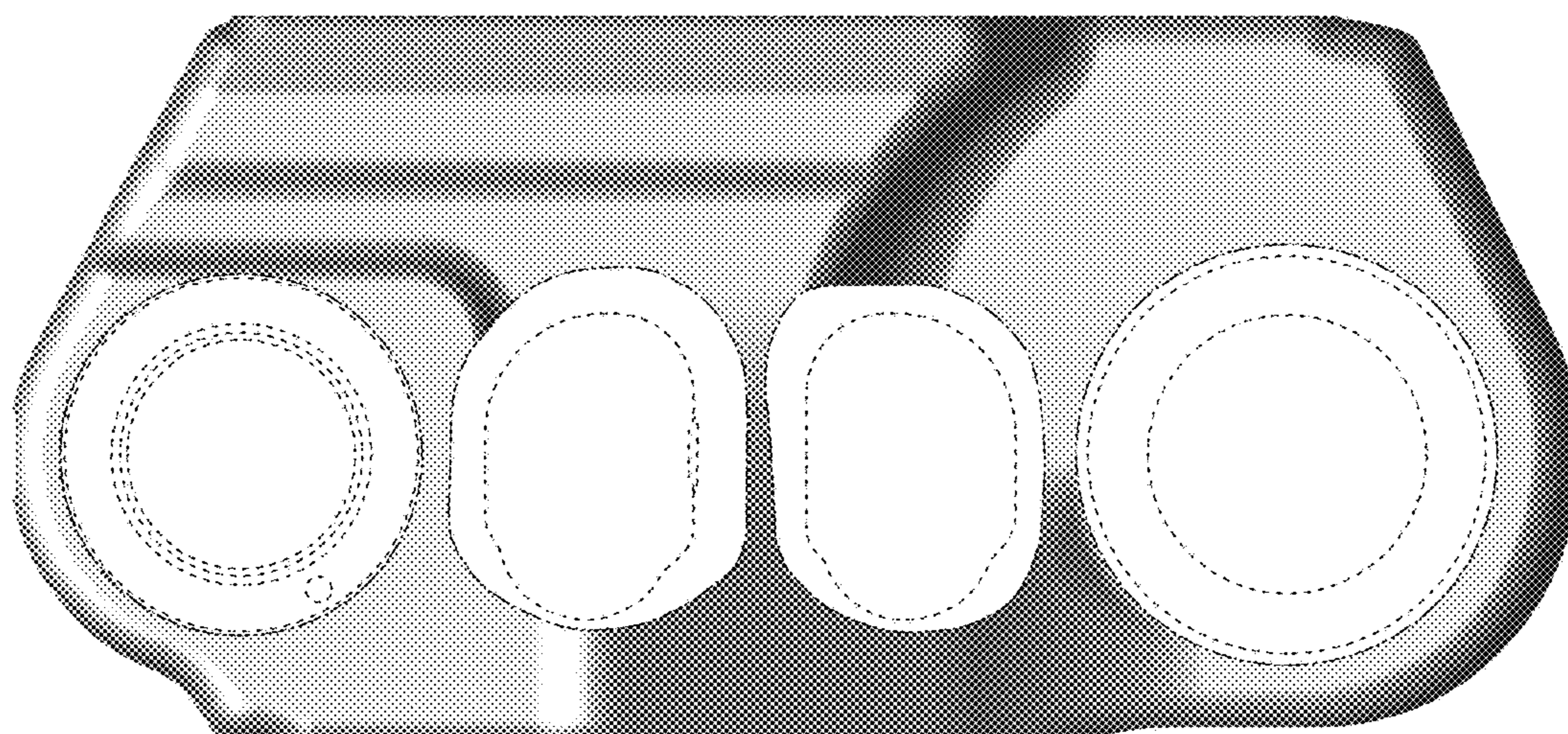


FIG. 14

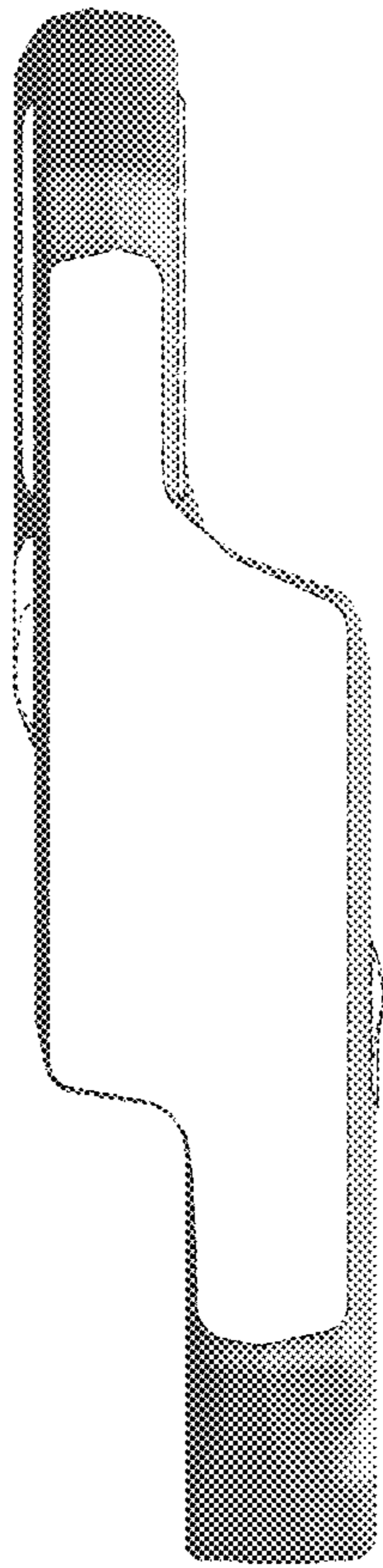


FIG. 15

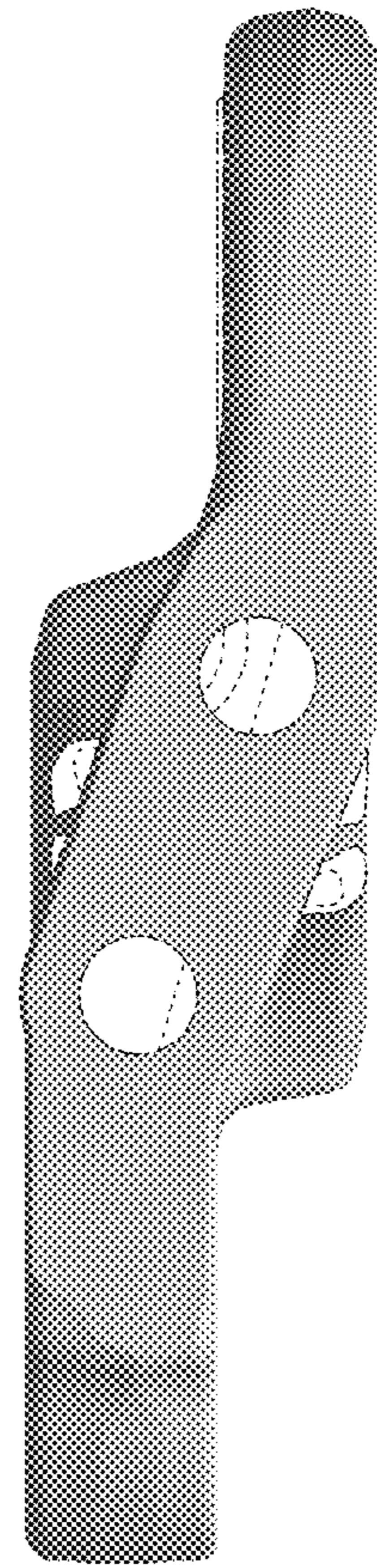


FIG. 16