

US00D933215S

(12)

United States Design Patent
Gloess et al.

(10)

Patent No.: US D933,215 S

(45)

Date of Patent: ** Oct. 12, 2021

(54) SURGICAL CHISEL

(71) Applicant: Aesculap AG, Tuttlingen (DE)

(72) Inventors: Benedikt Gloess, Gelsenkirchen (DE);
Markus Wild, Gelsenkirchen (DE);
Oliver Koszel, Gelsenkirchen (DE);
Tim Meier, Gelsenkirchen (DE); Felix
Pott, Gelsenkirchen (DE)

(73) Assignee: AESCULAP AG, Tuttlingen (DE)

(**) Term: 15 Years

(21) Appl. No.: 29/745,154

(22) Filed: Aug. 4, 2020

Related U.S. Application Data

(62) Division of application No. 35/507,524, filed on Jun.
25, 2019 (U.S. filing date under 35 U.S.C. 384), and
having an international filing date of Jun. 25, 2019,
now Pat. No. Des. 904,606.

(30) Foreign Application Priority Data

Feb. 7, 2019 (EM) 006195079

(51) LOC (13) Cl. 24-02

(52) U.S. Cl.
USPC D24/133

(58) Field of Classification Search

USPC D24/127, 130, 133, 146, 147, 171;
D8/75, 76, 77, 78, 79, 80, 81, 105, 107,
D8/82, 83, 84, 85, 86, 87, 303; D7/395;
D4/138

CPC B25F 1/006; B25D 1/00; B25D 2222/42;
B25D 2222/54; B25D 2222/57; A61B
17/1735; A61B 17/1782; A61B 17/60;
A61B 17/92; A61B 2017/922; A61B
90/00; A61C 3/08

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

2,989,101 A 6/1961 Allen

D346,103 S * 4/1994 Warner D8/47

5,537,896 A 7/1996 Halder

5,960,677 A 10/1999 Carmien

D421,888 S * 3/2000 Thompson D8/83

D422,870 S * 4/2000 Chen D8/83

D423,900 S * 5/2000 Hung D8/83

D463,725 S 10/2002 Wroblewski et al.

D485,034 S * 1/2004 Anderson D32/49

D494,824 S * 8/2004 Hernandez D8/107

D511,002 S 10/2005 Easley

D519,349 S * 4/2006 Chen D8/83

D525,840 S * 8/2006 Bruce D8/47

D529,174 S 9/2006 Kling et al.

D530,421 S 10/2006 Topper et al.

D596,472 S * 7/2009 Cook D8/47

D598,724 S * 8/2009 Hsieh D8/47

D616,277 S * 5/2010 Molina D8/82

D617,169 S * 6/2010 Robinson D8/107

D640,114 S * 6/2011 Molina D8/83

D641,223 S * 7/2011 Molina D8/61

(Continued)

Primary Examiner — Samantha Q Lawrence

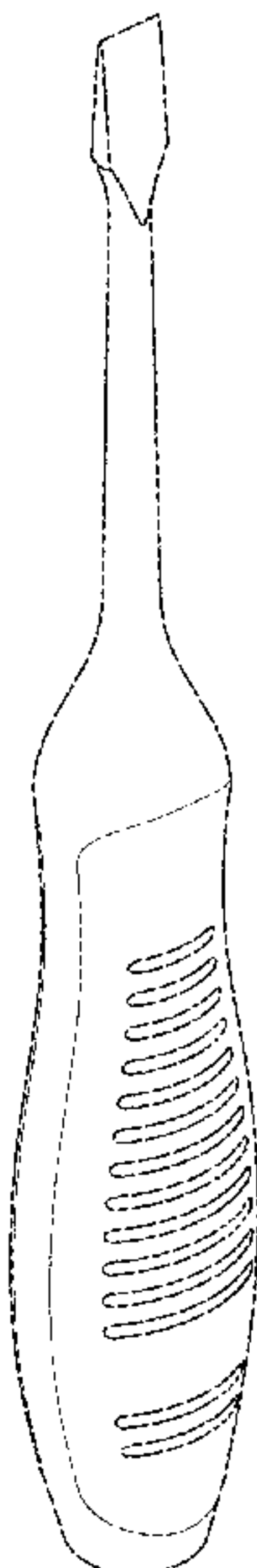
(57) CLAIM

The ornamental design for a surgical chisel, as shown and
described.

DESCRIPTION

FIG. 1 is a perspective view of a surgical chisel;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a bottom view thereof; and,
FIG. 7 is a top view thereof.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D649,246	S	11/2011	Prichett et al.	
D652,703	S	1/2012	Onello et al.	
D657,224	S *	4/2012	Molina	D8/83
D716,629	S *	11/2014	Suter	D8/82
D774,190	S	12/2016	Lee et al.	
D775,332	S	12/2016	Merz et al.	
D775,333	S	12/2016	Ding et al.	
D795,498	S	8/2017	Hollinger	
D796,039	S	8/2017	McMillan et al.	
D808,761	S	1/2018	Nelson	
D825,309	S *	8/2018	Nelson	D8/83
D826,677	S	8/2018	Nelson	
D831,210	S	10/2018	Nelson et al.	
D846,738	S	4/2019	Kalina, Jr. et al.	
10,376,298	B2	8/2019	Fischer et al.	
D860,750	S *	9/2019	Beh	D8/83
D884,889	S	5/2020	Cahill	
D888,525	S	6/2020	Montoli	
D910,408	S *	2/2021	Lin	D8/83
D911,140	S *	2/2021	Hyma	D8/82
D918,004	S *	5/2021	Thompson	D8/107
D919,398	S *	5/2021	Tilly	D8/83
2006/0235306	A1 *	10/2006	Cotter	A61B 17/1688 600/459
2016/0288311	A1	10/2016	Ferris	

* cited by examiner

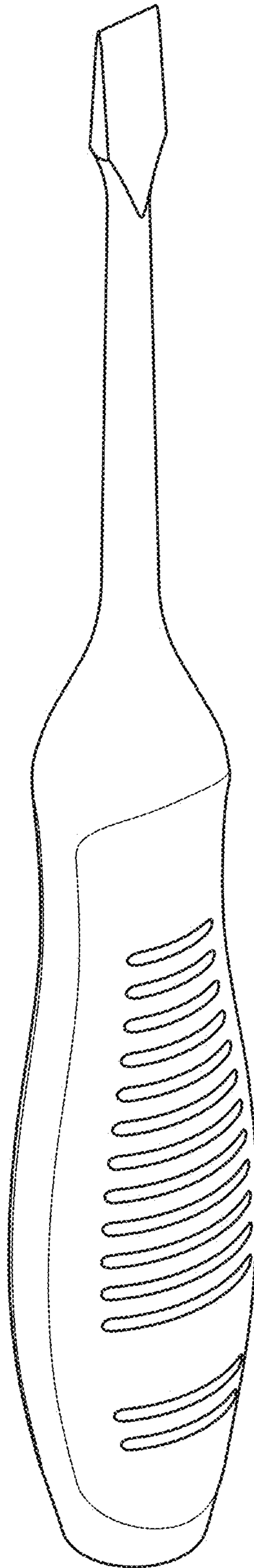


FIG. 1

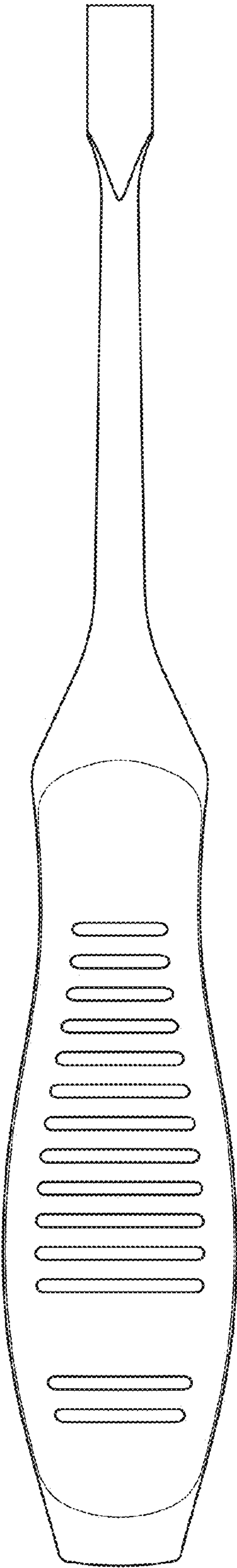


FIG. 2

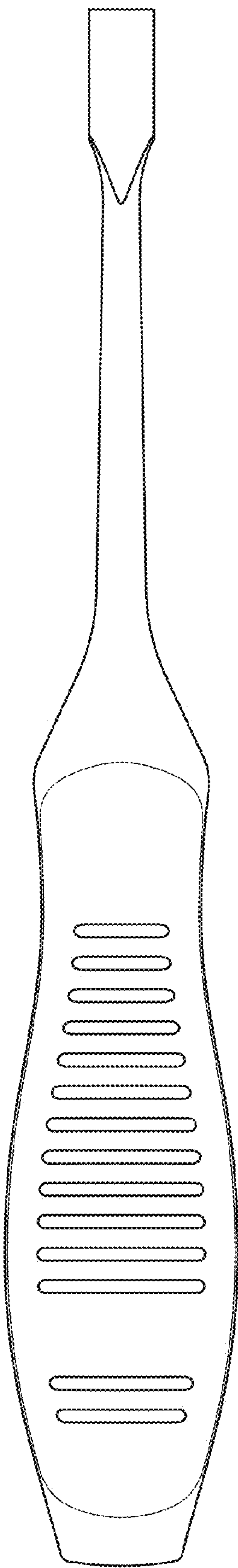


FIG. 3

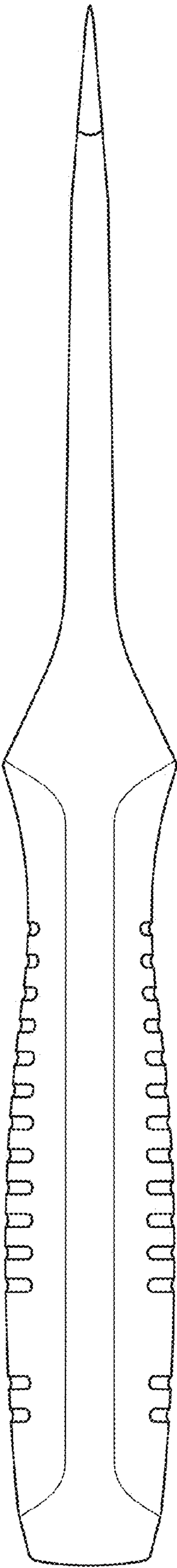


FIG. 4

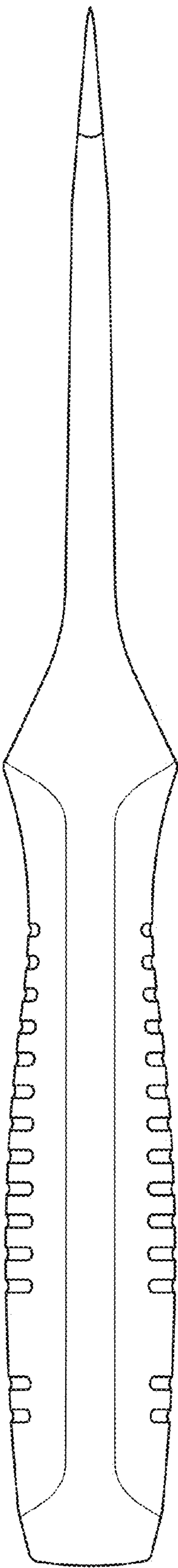


FIG. 5

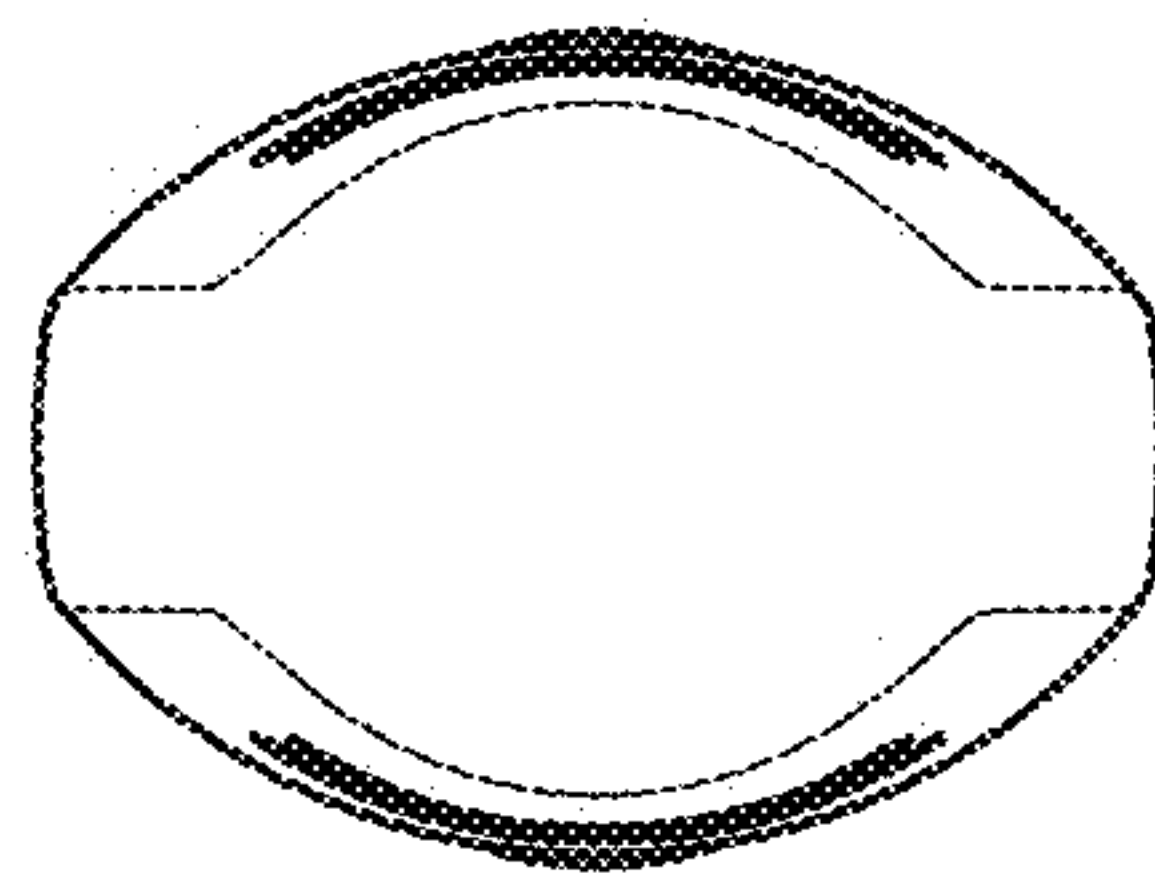


FIG. 6

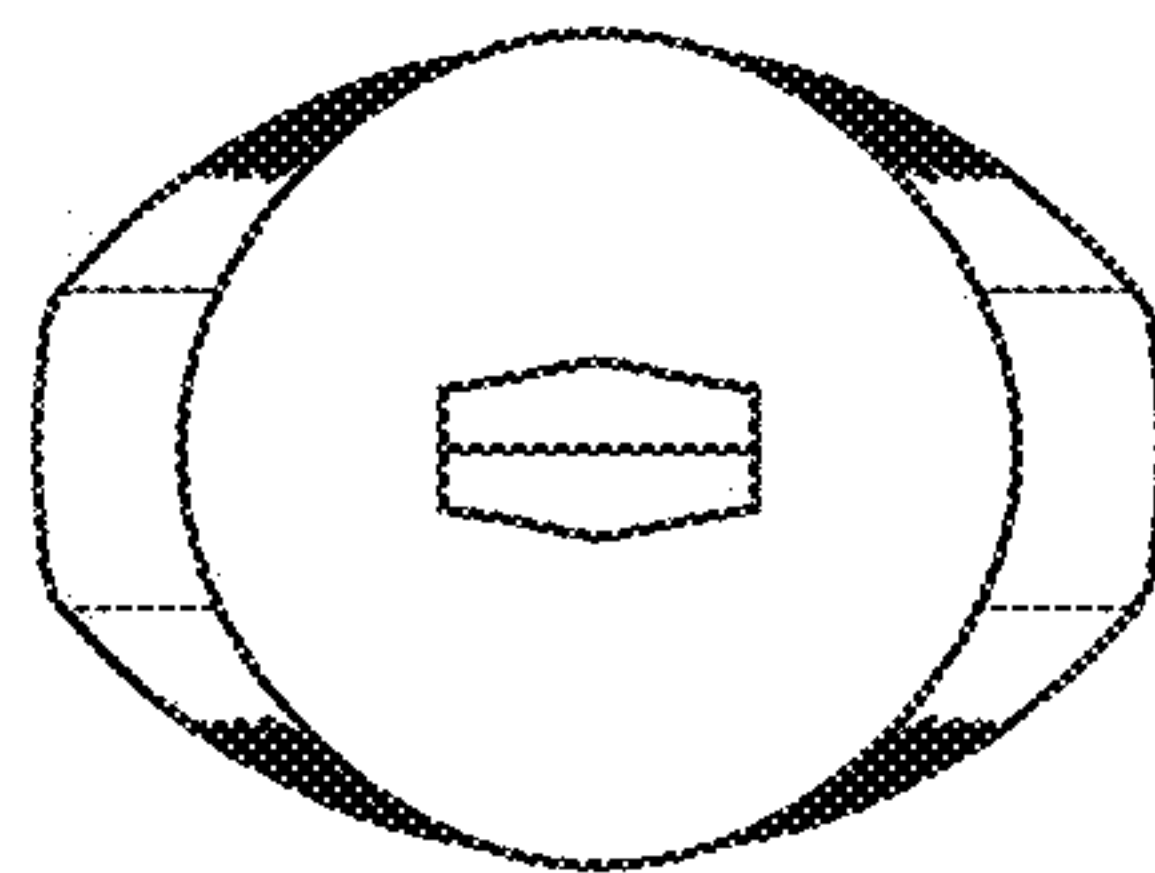


FIG. 7