



US00D978925S

(12) **United States Design Patent**
Rol Corredor et al.

(10) **Patent No.: US D978,925 S**

(45) **Date of Patent: ** Feb. 21, 2023**

(54) **EXCAVATOR BUCKET TOOTH ADAPTER**

(71) Applicant: **METALOGENIA RESEARCH & TECHNOLOGIES S.L.**, Barcelona (ES)

(72) Inventors: **Javier Rol Corredor**, Sant Adrià del Besós (ES); **Adrián González Polo**, Sitges (ES); **Rubén Carballo Villazala**, Cerdanyola del Vallès (ES); **Raúl Torres Montalvo**, Barcelona (ES)

(73) Assignee: **METALOGENIA RESEARCH & TECHNOLOGIES S.L.**, Barcelona (ES)

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

(21) Appl. No.: **35/513,445**

(22) Filed: **Dec. 14, 2021**

(80) **Hague Agreement Data**

Int. Filing Date: **Dec. 14, 2021**

Int. Reg. No.: **DM/218377**

Int. Reg. Date: **Dec. 14, 2021**

Int. Reg. Pub. Date: **Jan. 28, 2022**

(51) **LOC (14) Cl. 15-03**

(52) **U.S. Cl.**
USPC **D15/29; D15/28**

(58) **Field of Classification Search**

USPC D15/11, 28, 29; 37/456, 452, 450, 446, 37/454, 449, 453, 455, 903; 403/379.5, 403/DIG. 1; 172/724, 730, 766, 770, 172/771, 721, 713, 699, 772

CPC Y10T 29/49826; Y10T 403/589; Y10T 403/7018; Y10T 403/7075; E02F 9/28; E02F 9/2825; E02F 9/2833; E02F 9/2866; E02F 9/2858; E02F 9/2808; E02F 9/2841

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

821,215 A * 5/1906 Cantlebery et al. .. E02F 9/2833 37/456
3,774,324 A * 11/1973 Lafond E02F 9/2841 37/457

4,231,173 A * 11/1980 Davis E02F 9/2833 37/457
D410,657 S * 6/1999 Launder D15/29
5,937,550 A * 8/1999 Emrich E02F 9/2841 37/456
D436,116 S * 1/2001 Clendenning D15/29
D522,536 S * 6/2006 Oh D15/29
D541,311 S * 4/2007 Oh D15/29
D614,206 S * 4/2010 Ruvang D15/29
D624,943 S * 10/2010 Gibbon D15/29
D707,264 S * 6/2014 Renski D15/28
D727,367 S * 4/2015 Renski D15/28
8,997,384 B2 * 4/2015 Bartolome Rodriguez E02F 9/2833 37/456
9,085,876 B2 * 7/2015 Swinscoe E02F 9/2833

(Continued)

Primary Examiner — Mark A Goodwin

(74) *Attorney, Agent, or Firm* — Porzio Bromberg & Newman P.C.

(57) **CLAIM**

The ornamental design for an excavator bucket tooth adapter, as shown and described.

DESCRIPTION

1. Excavator bucket tooth adapter

1.1 : Front perspective

1.2 : Top

1.3 : Right

1.4 : Bottom

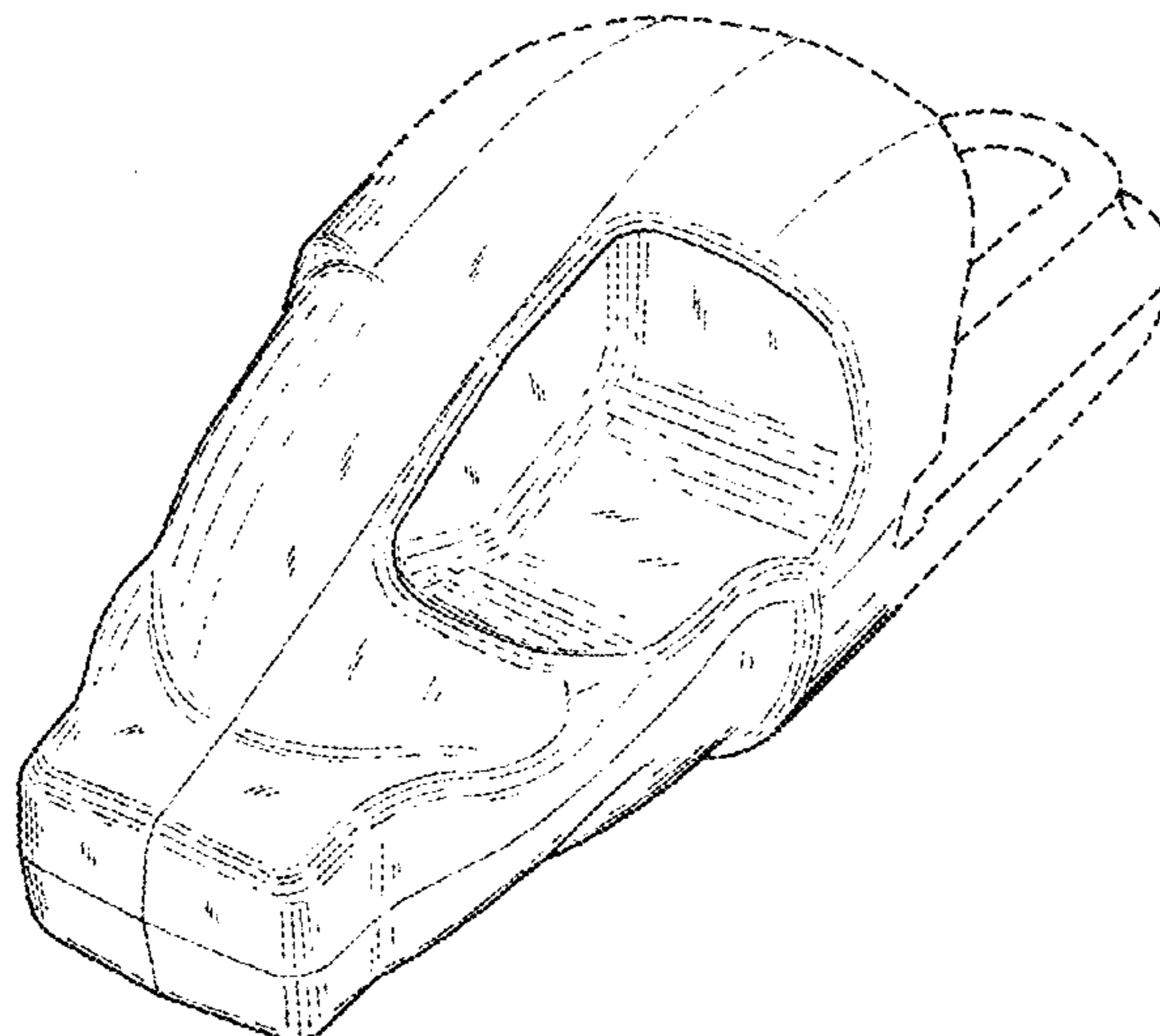
1.5 : Left

1.6 : Back

1.7 : Back perspective

The broken lines in the reproductions illustrate portions of the excavator bucket tooth adapter which form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

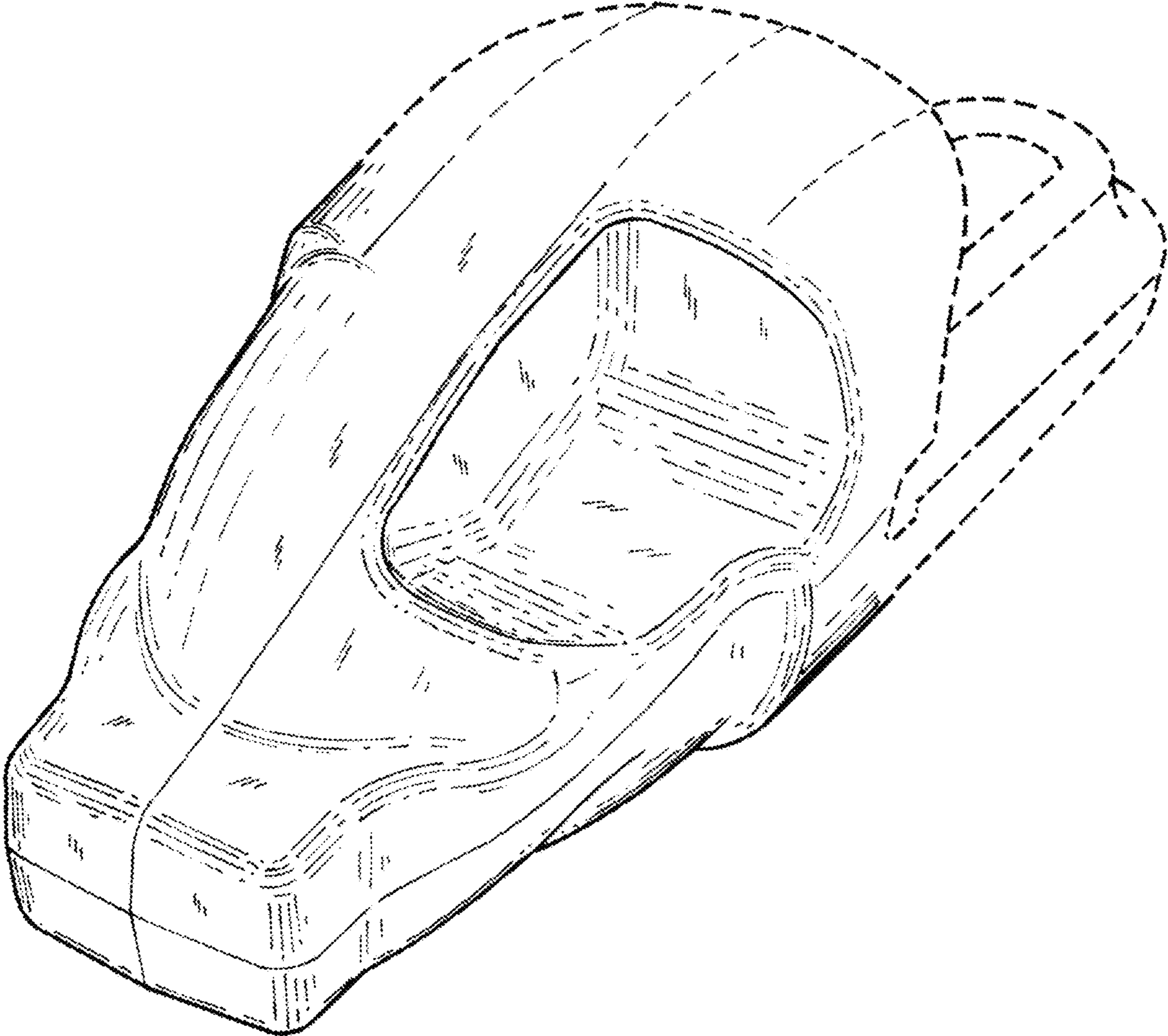
References Cited

U.S. PATENT DOCUMENTS

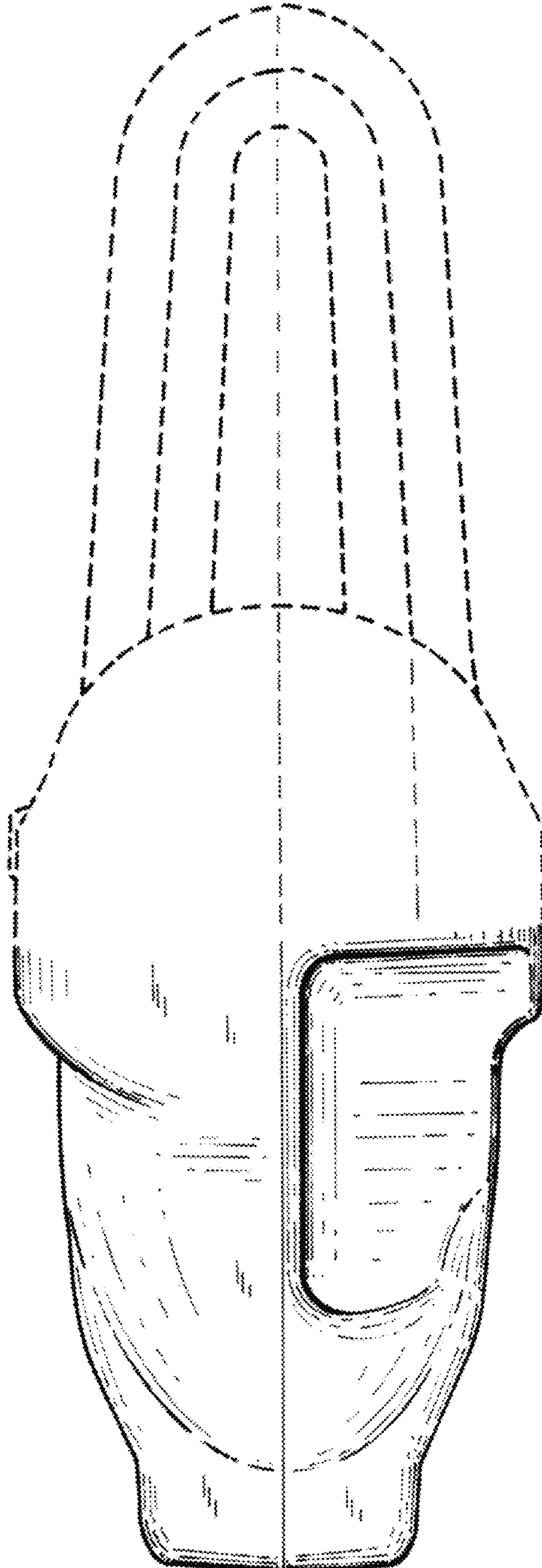
D749,145	S *	2/2016	Renski	.....	D15/28
D774,566	S *	12/2016	Balan	.....	D15/28
D784,424	S *	4/2017	Renski	.....	D15/28
D790,603	S *	6/2017	Balan	.....	D15/28
D800,798	S *	10/2017	Stewart	.....	D15/29
D806,758	S *	1/2018	Serrurier	.....	D15/28
D807,926	S *	1/2018	Kunz	.....	D15/28
D832,310	S *	10/2018	Balan	.....	D15/28
D840,441	S *	2/2019	Serrurier	.....	D15/28
D924,943	S *	7/2021	Wells	.....	D15/28
2010/0162595	A1 *	7/2010	Leslie	.....	E02F 9/2841 37/456
2010/0170119	A1 *	7/2010	Lopez Almendros	.....	E02F 9/2825 37/456
2010/0229433	A1 *	9/2010	Leslie	.....	E02F 9/2841 37/456
2014/0352182	A1 *	12/2014	LaHood	.....	E02F 9/2833 37/455
2017/0328038	A1 *	11/2017	Campomanes	.....	E02F 9/2883
2019/0048561	A1 *	2/2019	Ryu	.....	E02F 9/2833
2019/0203445	A1 *	7/2019	Song	.....	E02F 9/2841
2021/0017740	A1 *	1/2021	Song	.....	F16F 1/373
2022/0074172	A1 *	3/2022	Song	.....	F16F 15/124

* cited by examiner

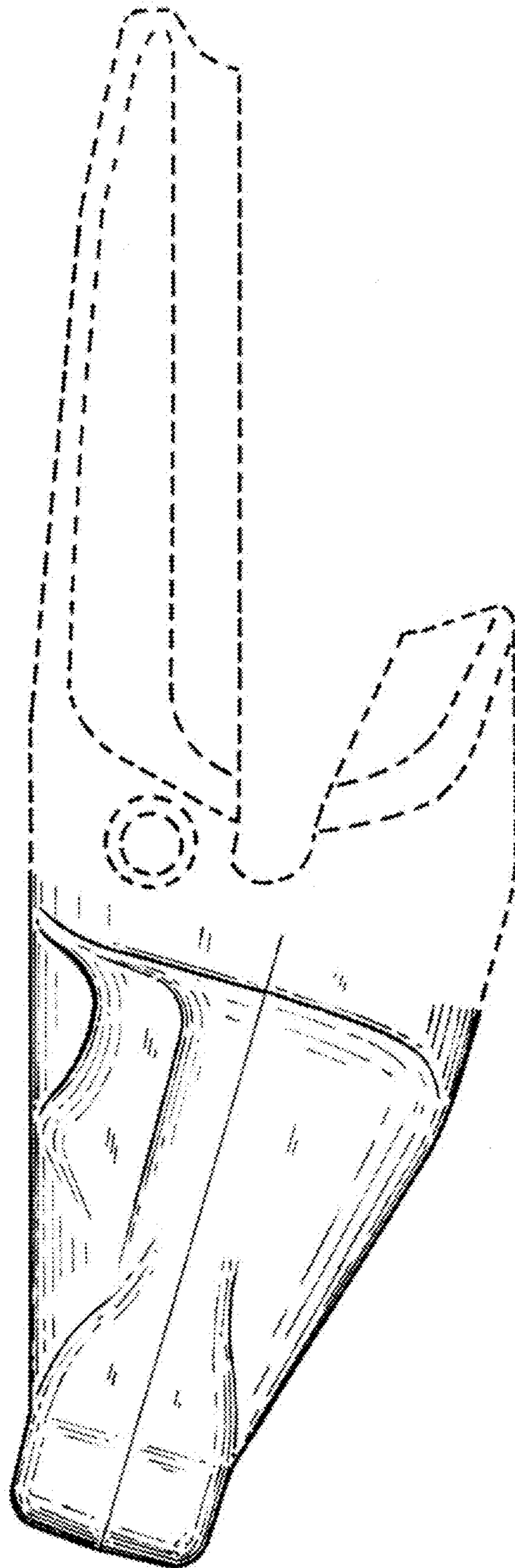
1.1



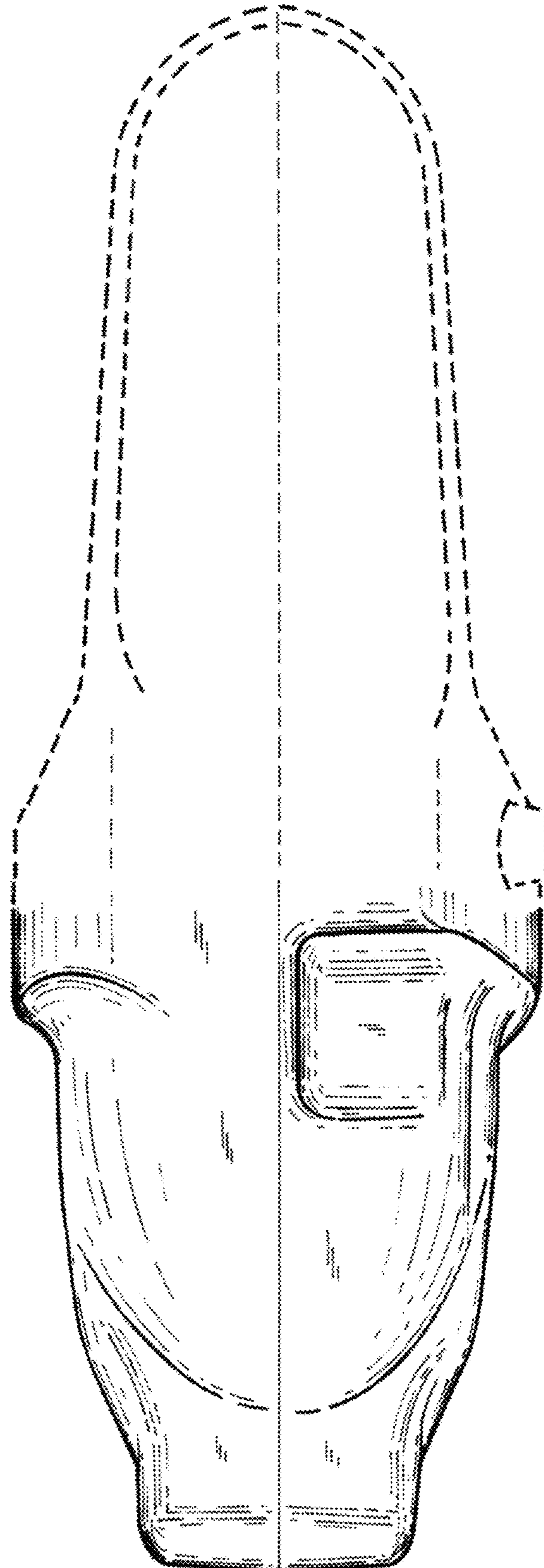
1.2



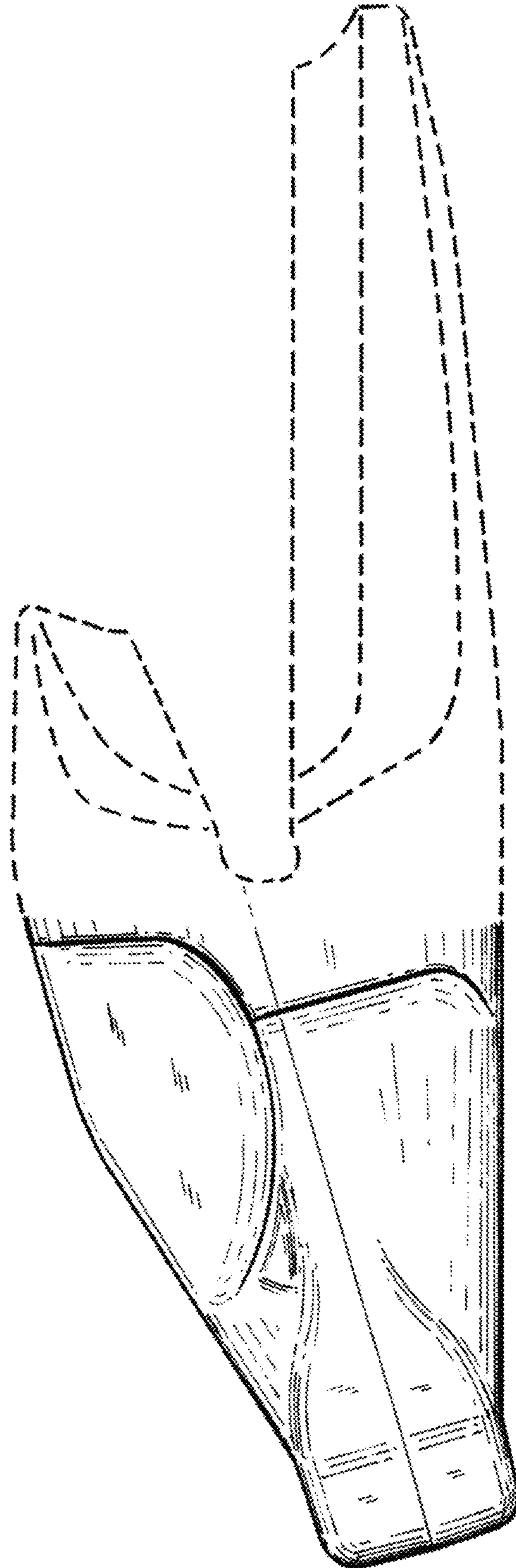
1.3



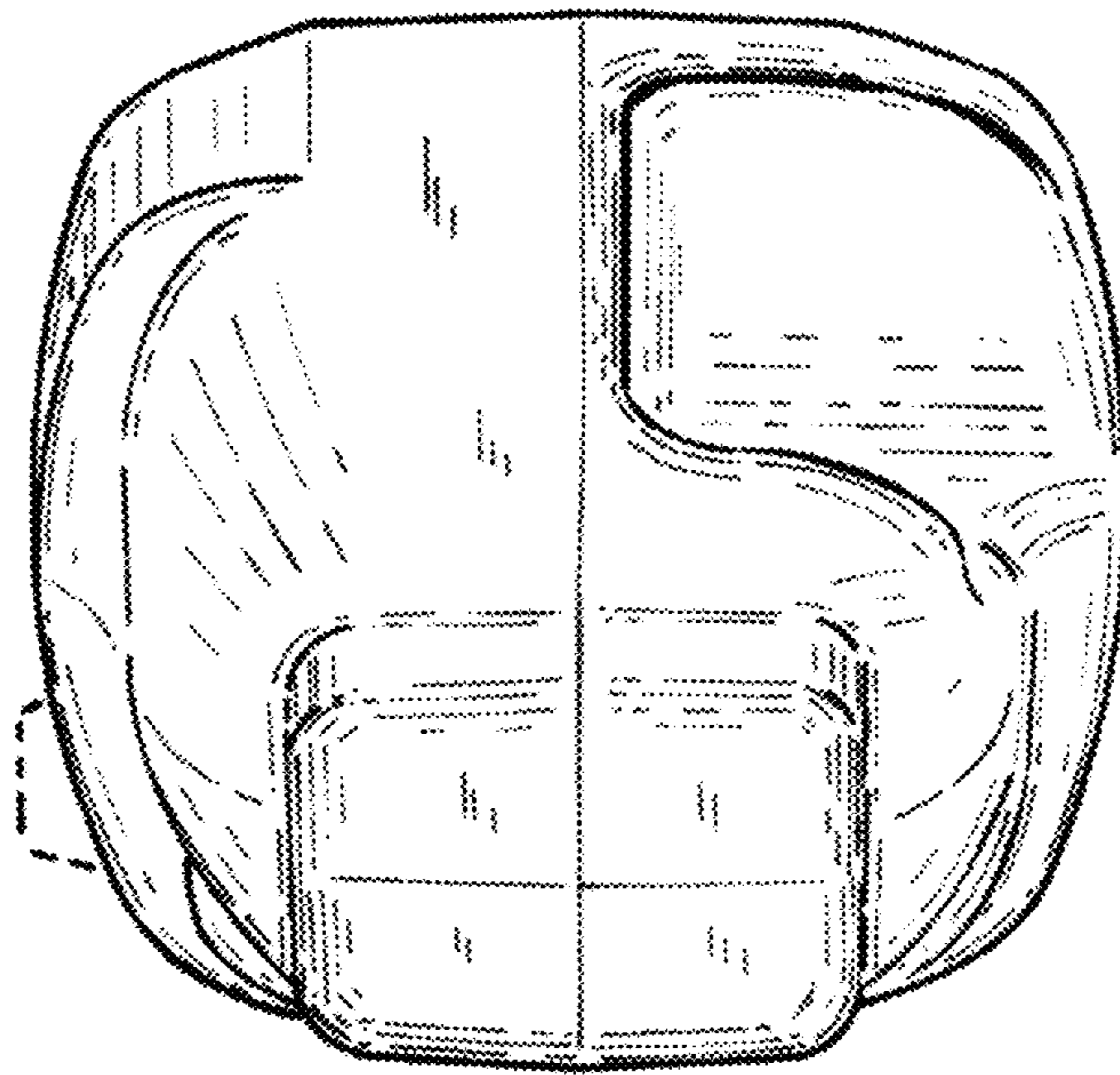
1.4



1.5



1.6



1.7

