



US00D560232S

(12) **United States Design Patent**
De Martiis

(10) **Patent No.:** **US D560,232 S**
(45) **Date of Patent:** **** Jan. 22, 2008**

(54) **TOOTH ASSEMBLY FOR BUCKETS**

(75) Inventor: **Giancarlo De Martiis**, Villach (AT)

(73) Assignee: **Italricambi SpA**, Cividale Del Friuli (UD) (IT)

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

(21) Appl. No.: **29/243,722**

(22) Filed: **Nov. 30, 2005**

(30) **Foreign Application Priority Data**

May 30, 2005 (EM) 000346796

(51) **LOC (8) Cl.** **15-03**

(52) **U.S. Cl.** **D15/29**

(58) **Field of Classification Search** D15/10,
D15/25, 28, 29, 32; 172/699, 713; 37/446,
37/458, 452-454, 455, 450, 903, 142 R,
37/142 A, 141 R, 141 T; 403/355

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,571,782 A * 2/1926 Andrews 37/454

(Continued)

Primary Examiner—Mitchell Siegel

Assistant Examiner—Mark Goodwin

(74) *Attorney, Agent, or Firm*—Akin Gump Strauss Hauer & Feld LLP

(57) **CLAIM**

The ornamental design for a tooth assembly for buckets, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a tooth assembly for buckets in accordance with my new design;

FIG. 2 is a right side elevational view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a perspective view thereof;

FIG. 8 is a front elevational view thereof in which the two elements are separated.

FIG. 9 is a right side elevational view thereof;

FIG. 10 is a left side elevational view thereof;

FIG. 11 is a rear elevational view thereof;

FIG. 12 is a top plan view thereof;

FIG. 13 is a bottom plan view thereof;

FIG. 14 is a perspective view thereof;

FIG. 15 is a front elevational view of the front tooth element of the tooth assembly for buckets shown in FIGS. 1-14, FIGS. 15-21 show the front tooth element in unassembled condition for ease of illustration;

FIG. 16 is a right side elevational view thereof;

FIG. 17 is a left side elevational view thereof;

FIG. 18 is a rear elevational view thereof;

FIG. 19 is a top plan view thereof;

FIG. 20 is a bottom plan view thereof;

FIG. 21 is a perspective view thereof;

FIG. 22 is a front elevational view of the back tooth element of the tooth assembly for buckets shown in FIGS. 1-14, FIGS. 22-28 show the rear tooth element in unassembled condition for ease of illustration;

FIG. 23 is a right side elevational view thereof;

FIG. 24 is a left side elevational view thereof;

FIG. 25 is a rear elevational view thereof;

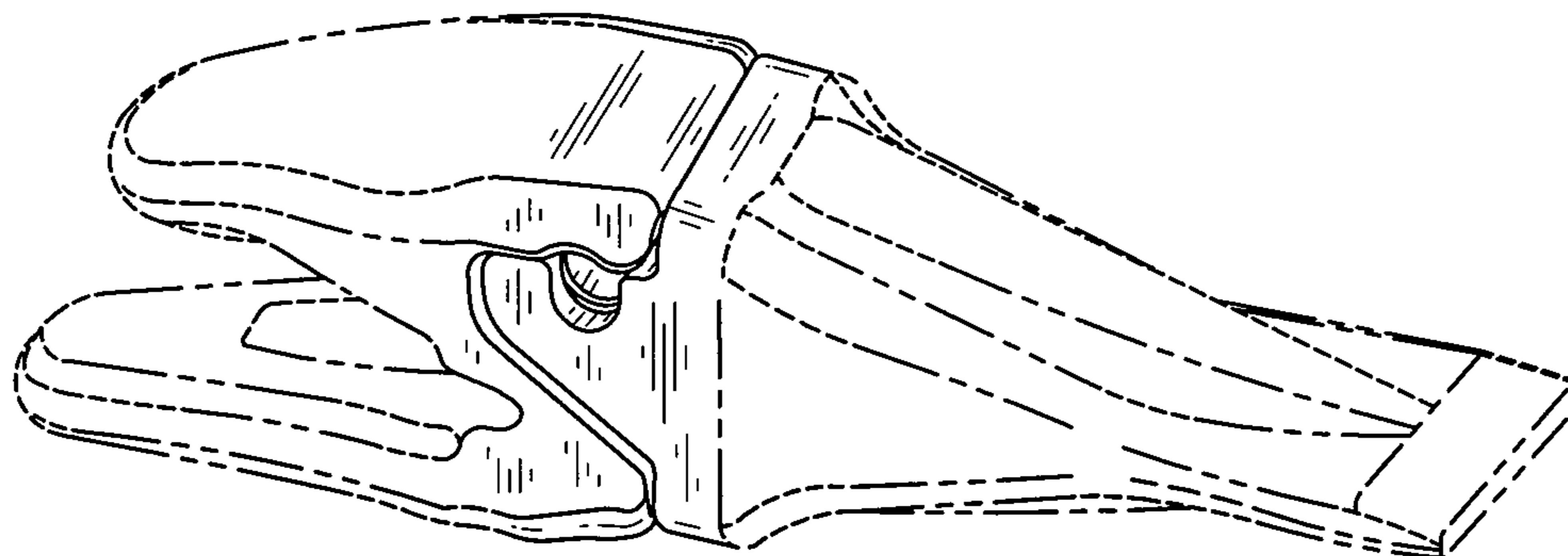
FIG. 26 is a top plan view thereof;

FIG. 27 is a bottom plan view thereof; and,

FIG. 28 is a perspective view thereof.

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

1 Claim, 6 Drawing Sheets



US D560,232 S

Page 2

U.S. PATENT DOCUMENTS

1,856,930	A *	5/1932	Robin	37/455	5,709,043	A *	1/1998	Jones et al.	37/458
3,371,437	A *	3/1968	Wilson et al.	37/455	D391,584	S *	3/1998	Moreno	D15/29
3,444,633	A *	5/1969	Hensley	37/452	D392,292	S *	3/1998	Moreno	D15/29
3,812,608	A *	5/1974	Ratkowski	37/448	5,782,019	A *	7/1998	Lauder et al.	37/446
3,823,496	A *	7/1974	Querci et al.	37/458	D410,657	S *	6/1999	Lauder et al.	D15/29
3,851,413	A *	12/1974	Lukavich	37/451	D413,338	S *	8/1999	Pueyo Molina	D15/29
4,027,408	A *	6/1977	Ramella et al.	37/455	D417,877	S *	12/1999	Lauder et al.	D15/29
D251,431	S *	3/1979	Klett et al.	D15/28	D420,014	S *	2/2000	Karlsson	D15/29
D251,667	S *	4/1979	Lemcke	D15/29	D429,256	S *	8/2000	Zaun	D15/29
D252,461	S *	7/1979	Korpi	D15/28	D446,224	S *	8/2001	Clendenning	D15/29
4,231,173	A *	11/1980	Davis	37/457	D447,154	S *	8/2001	Clendenning	D15/29
D275,859	S *	10/1984	Nilsson	D15/28	6,321,471	B2 *	11/2001	Fernandez Munoz et al.	37/456
D297,643	S *	9/1988	Mohlin	D15/29	6,477,796	B1 *	11/2002	Cornelius	37/452
D336,304	S *	6/1993	Robinson	D15/29	D471,212	S *	3/2003	Toral Rodriguez	D15/28
D336,476	S *	6/1993	Garman	D15/28	D471,565	S *	3/2003	Toral Rodriguez	D15/28
D339,592	S *	9/1993	Johansson	D15/29	6,735,890	B2 *	5/2004	Carpenter et al.	37/456
5,423,138	A *	6/1995	Livesay et al.	37/456	6,766,602	B2 *	7/2004	Cox et al.	37/448
5,456,029	A *	10/1995	Cornelius	37/456	D499,749	S *	12/2004	Lauder et al.	D15/29
D385,286	S *	10/1997	Moreno	D15/29					

* cited by examiner

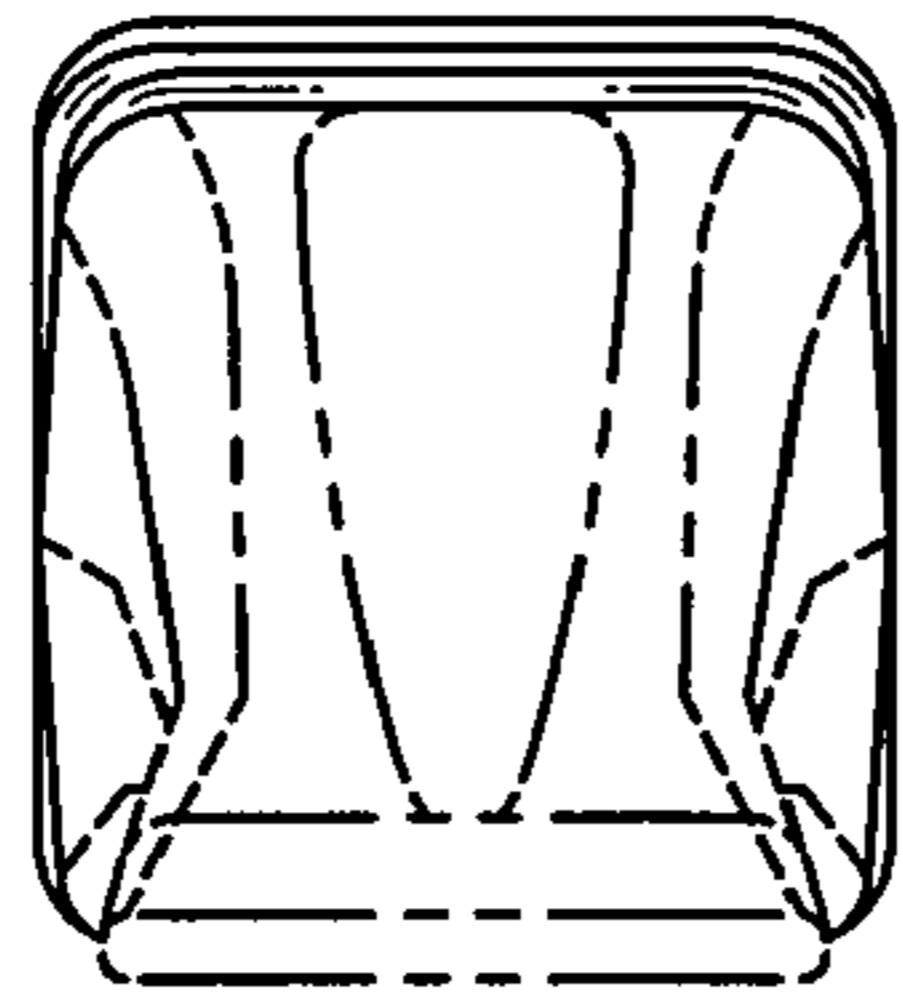


Fig. 1

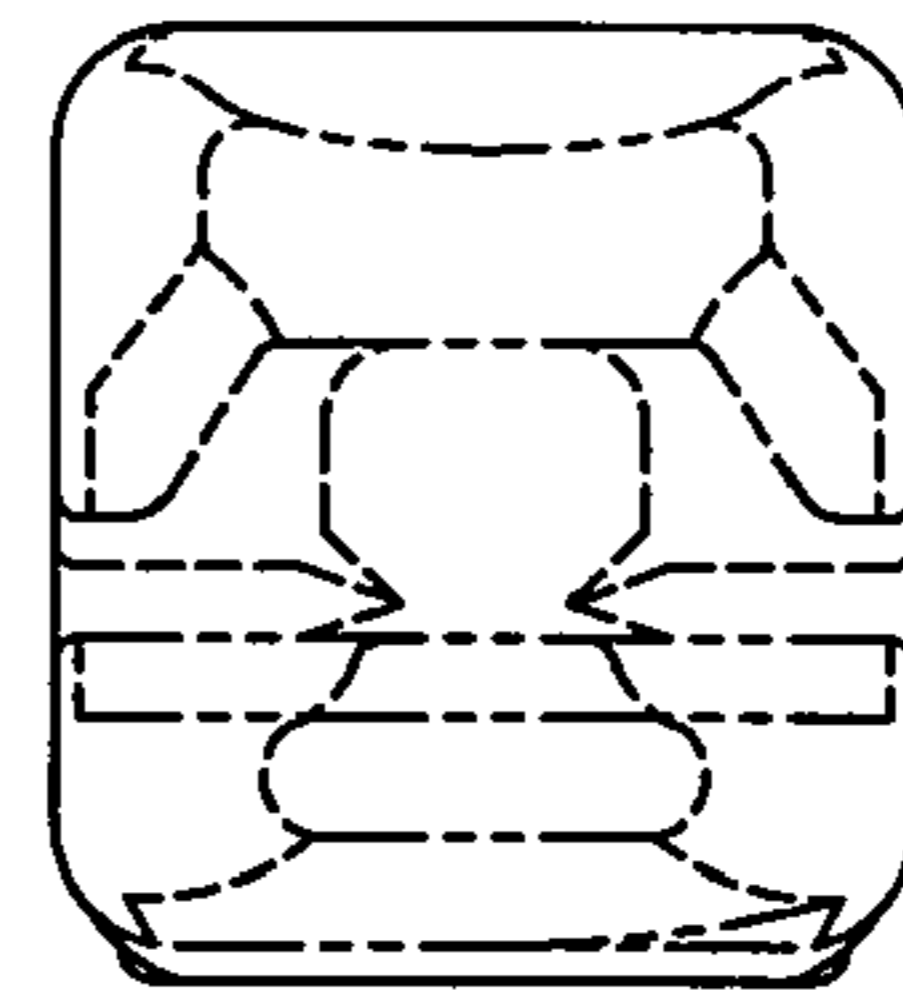


Fig. 4

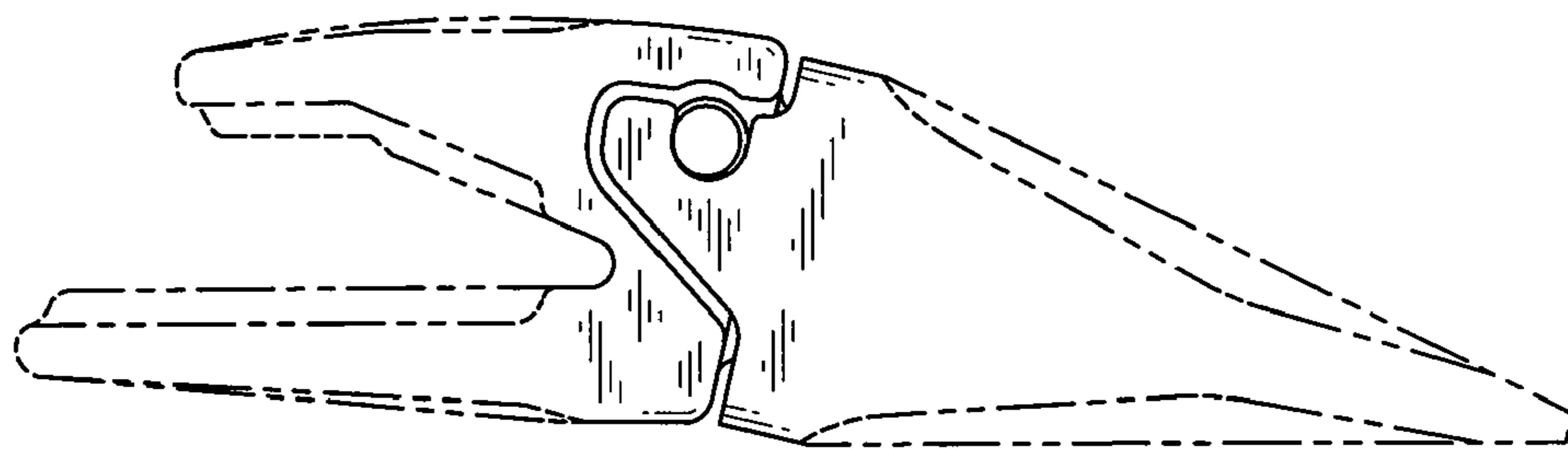


Fig. 2

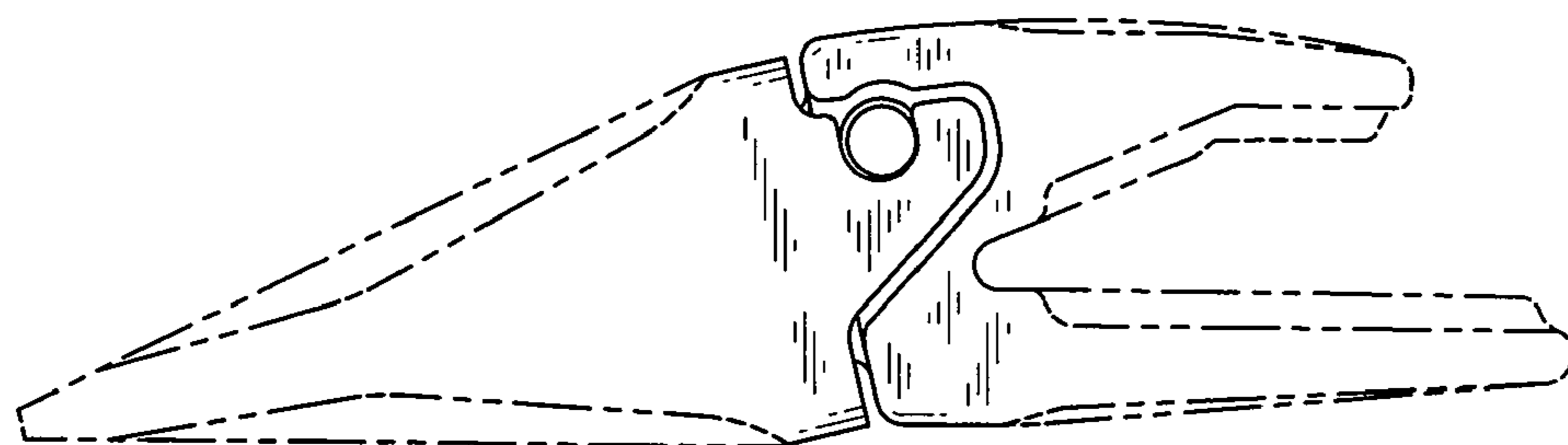


Fig. 3

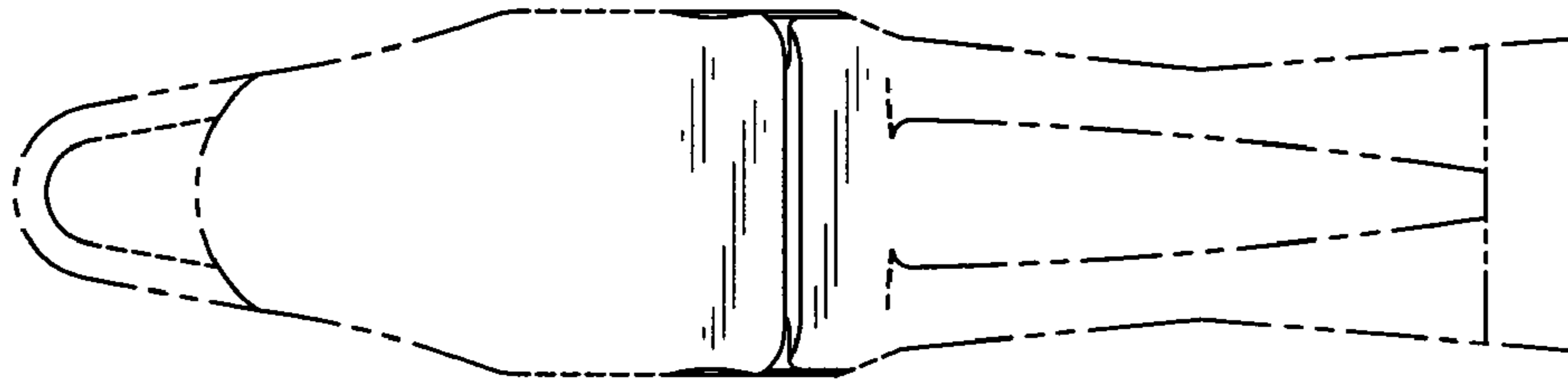


Fig. 5

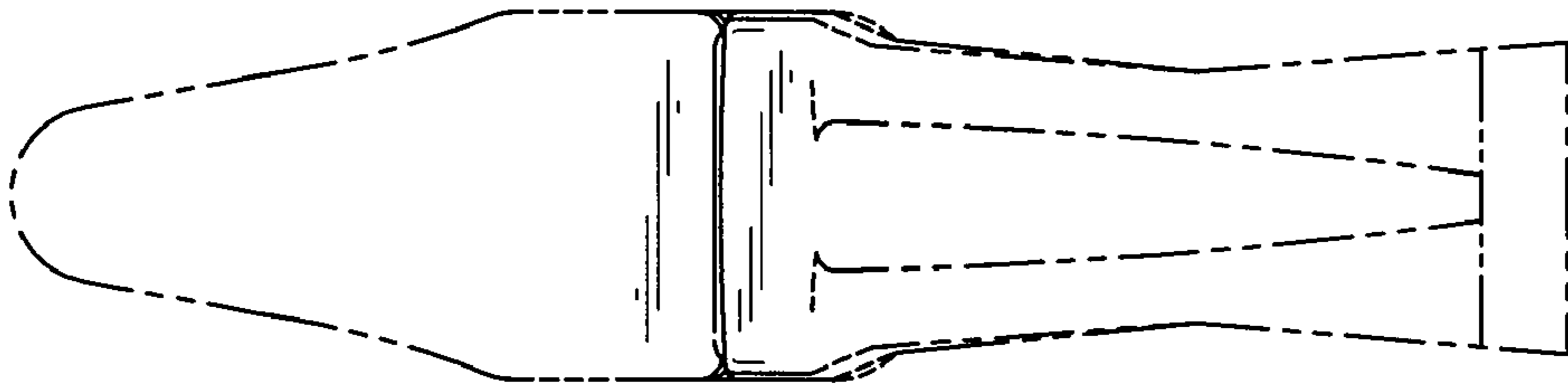


Fig. 6

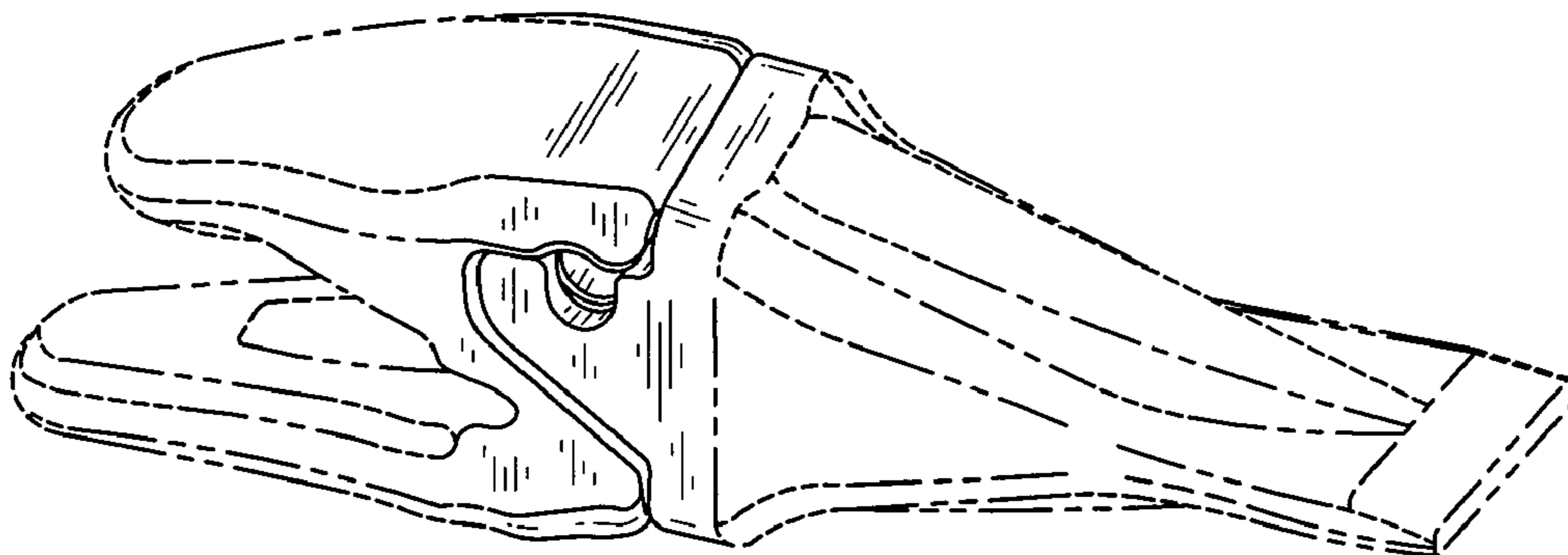


Fig. 7

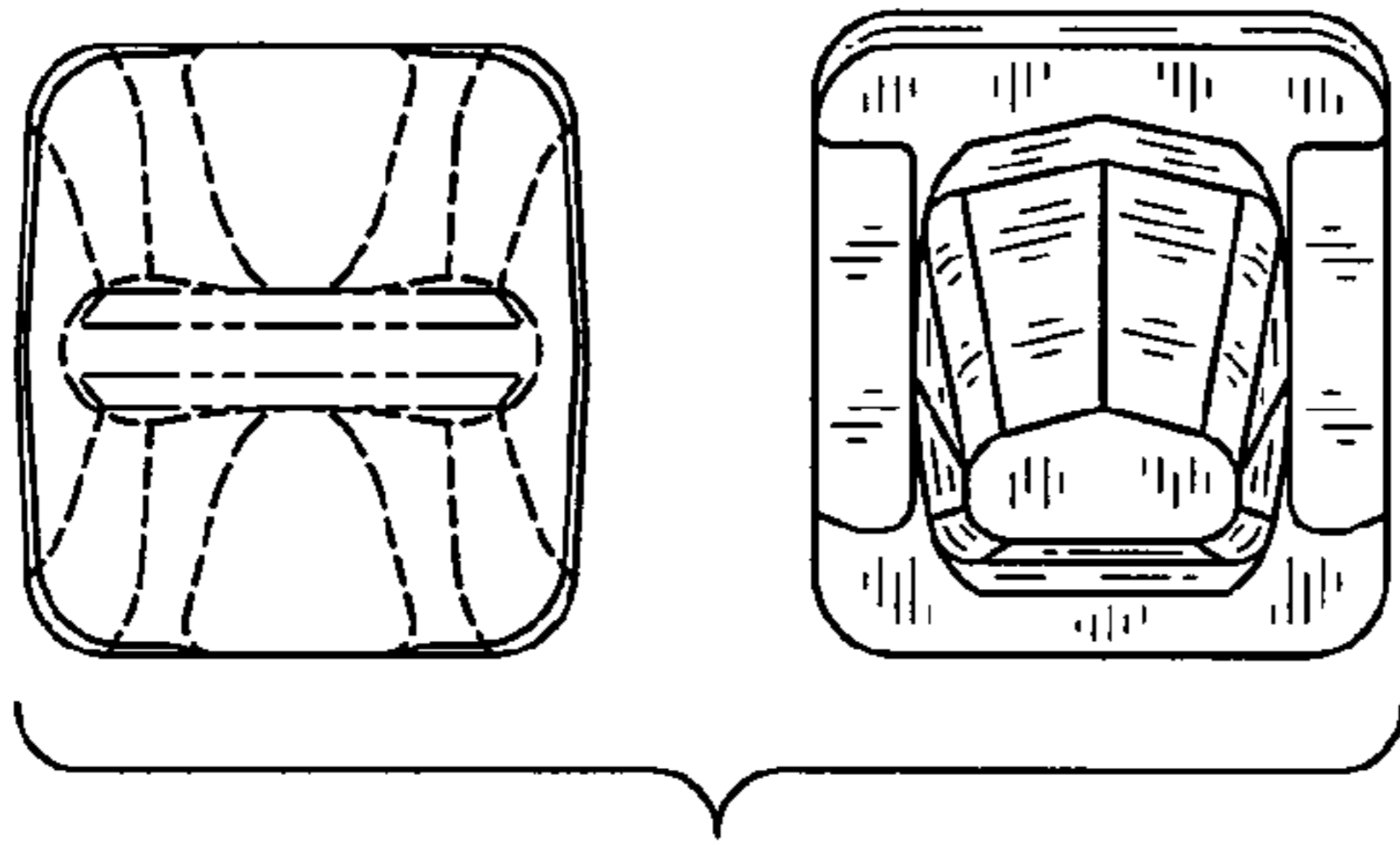


Fig. 8

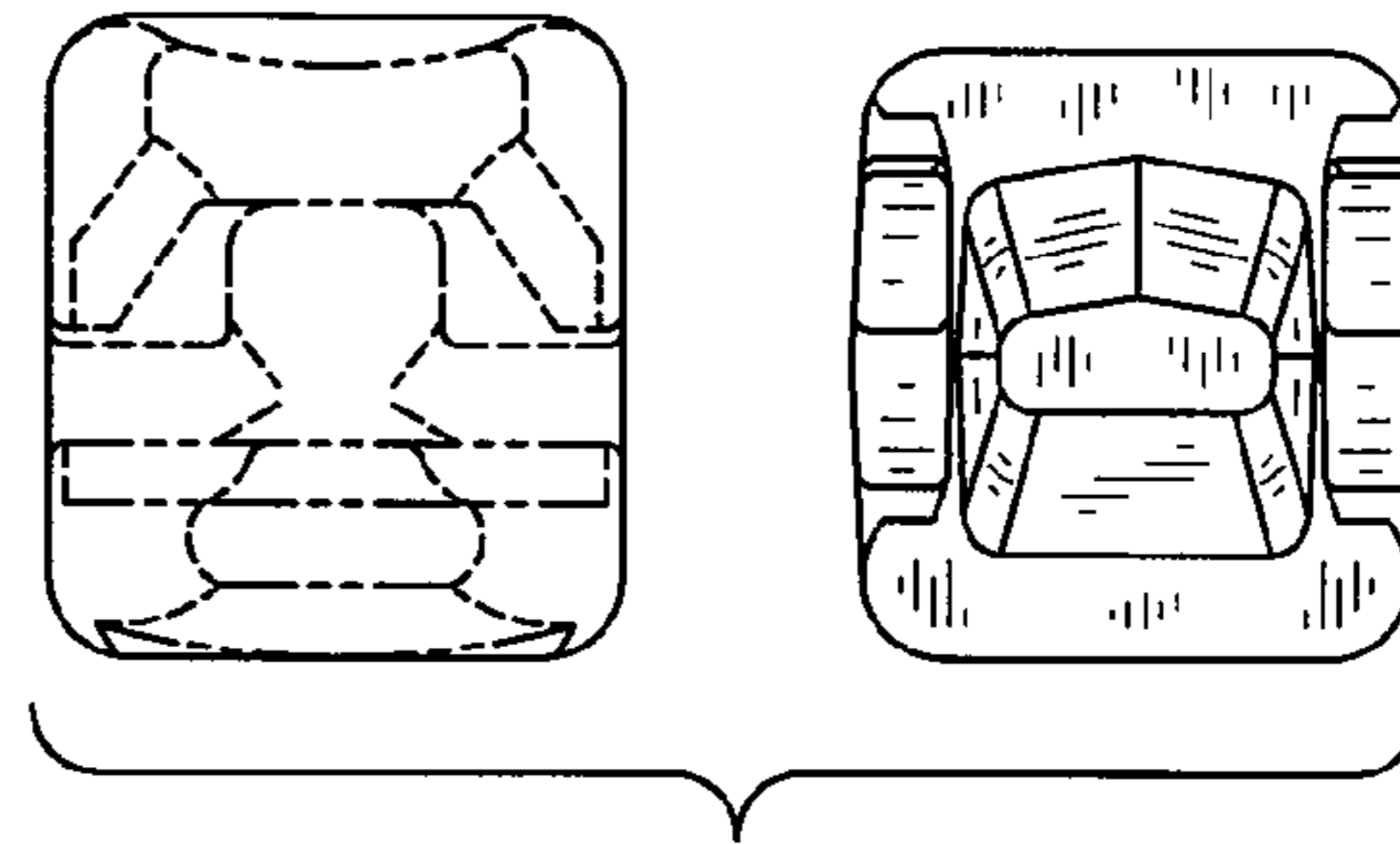


Fig. 11

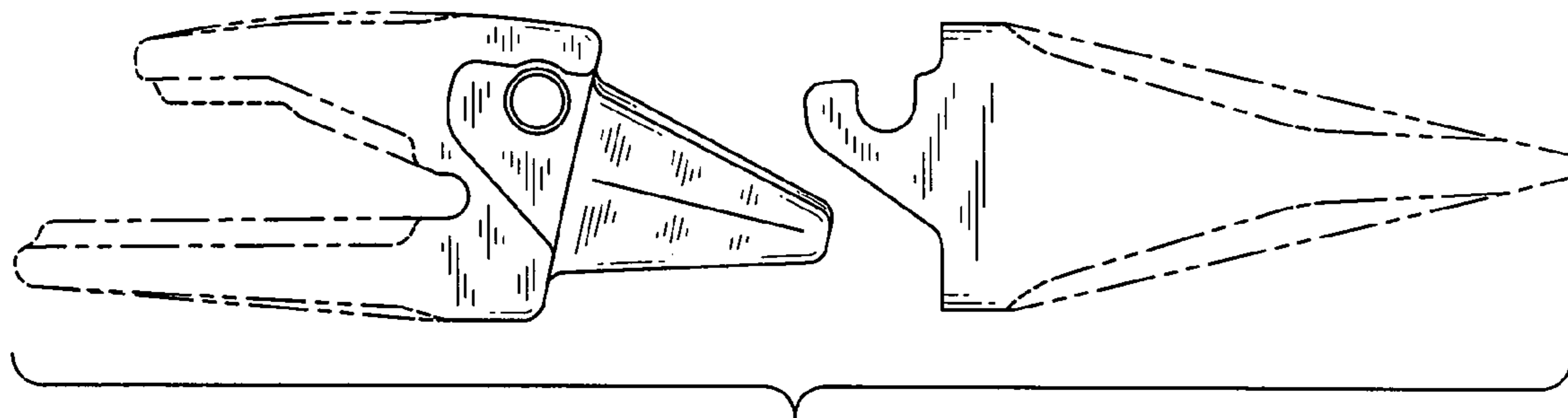


Fig. 9

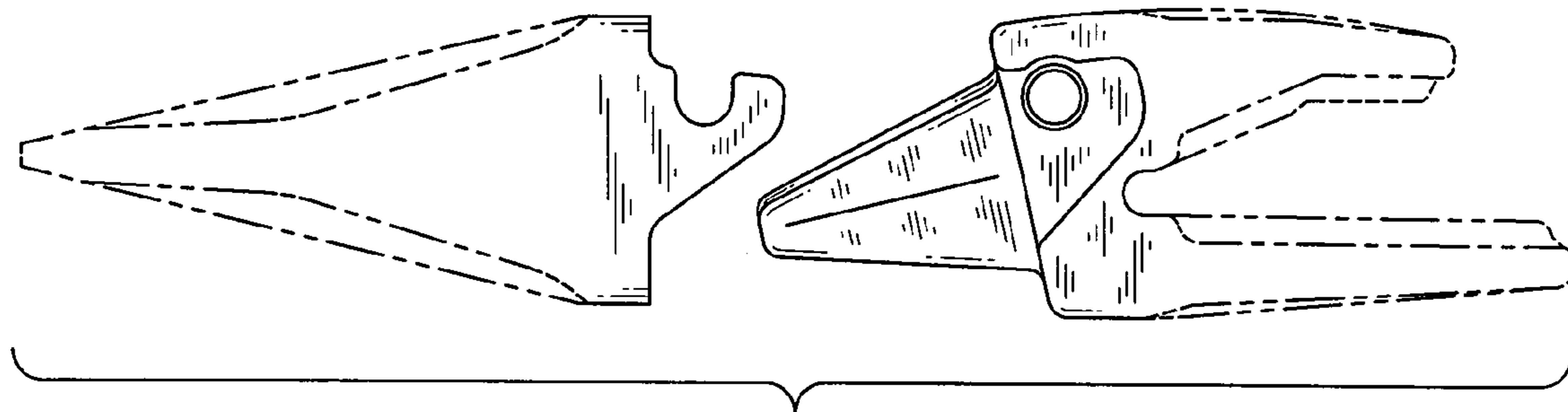


Fig. 10

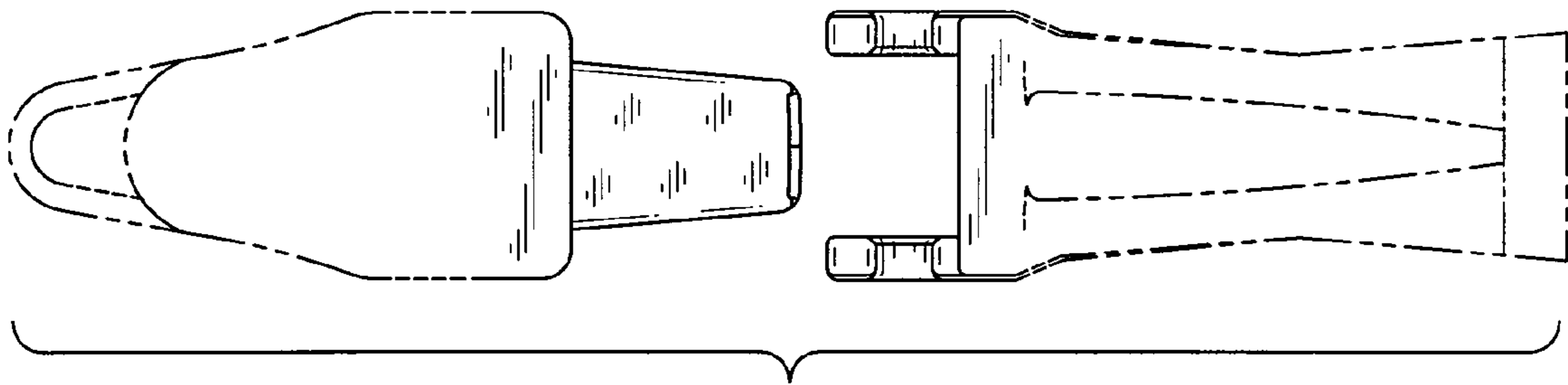


Fig. 12

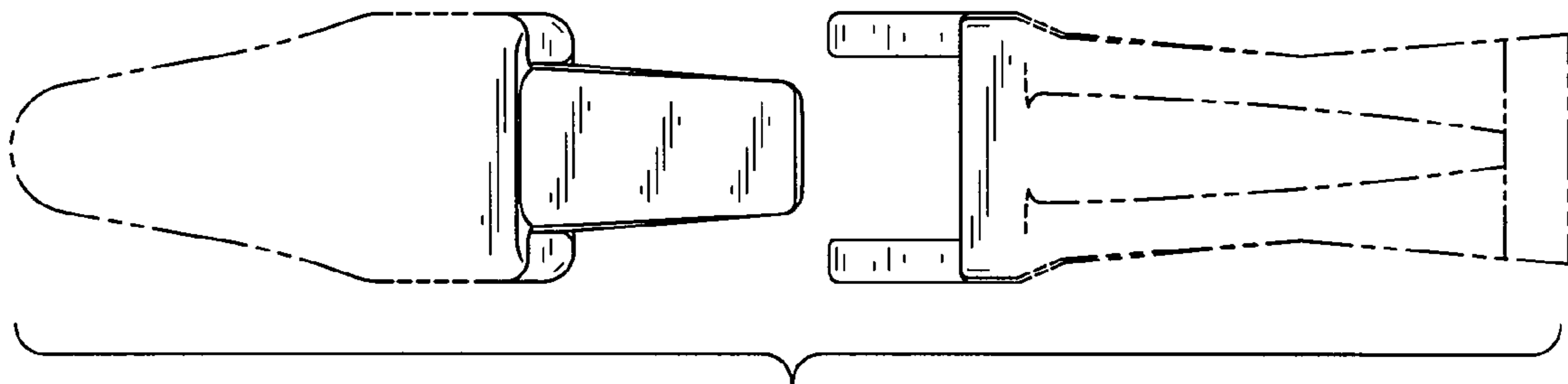


Fig. 13

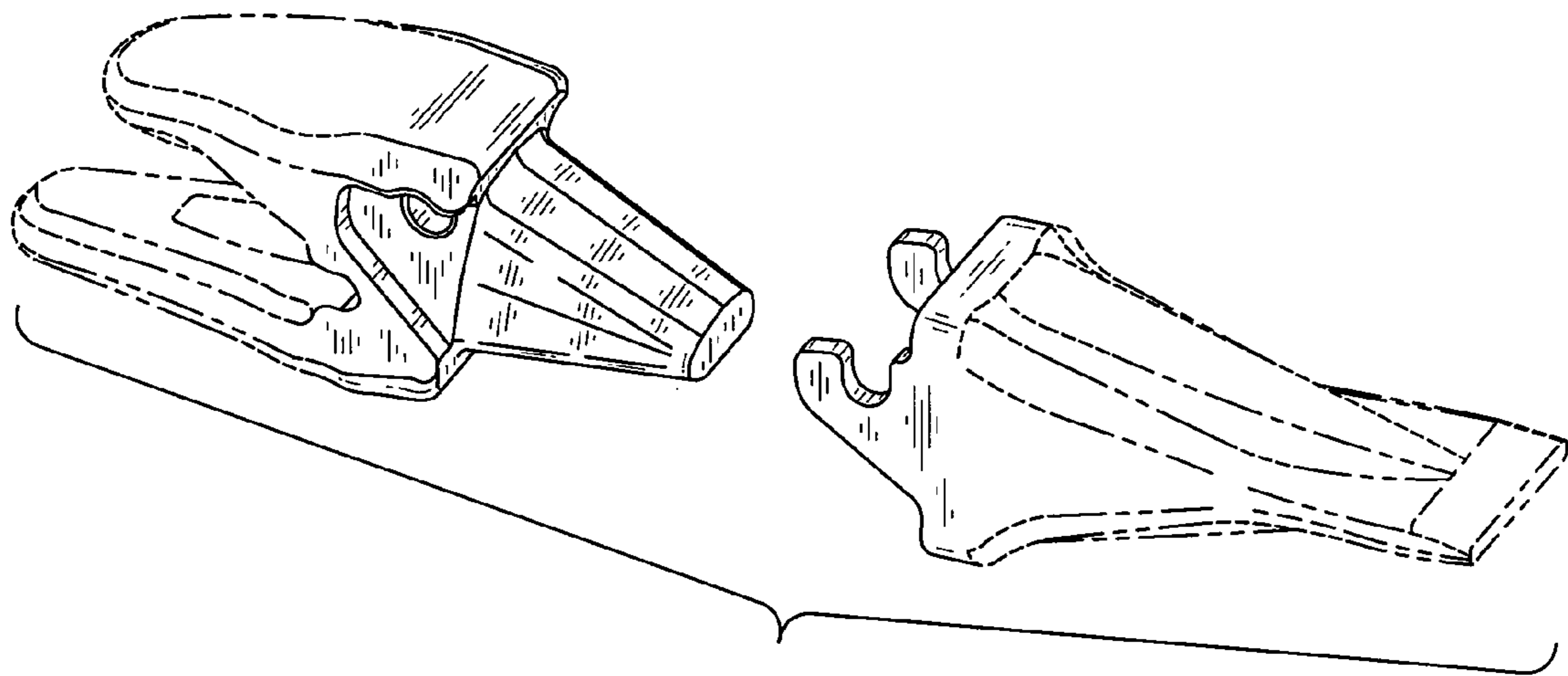


Fig. 14

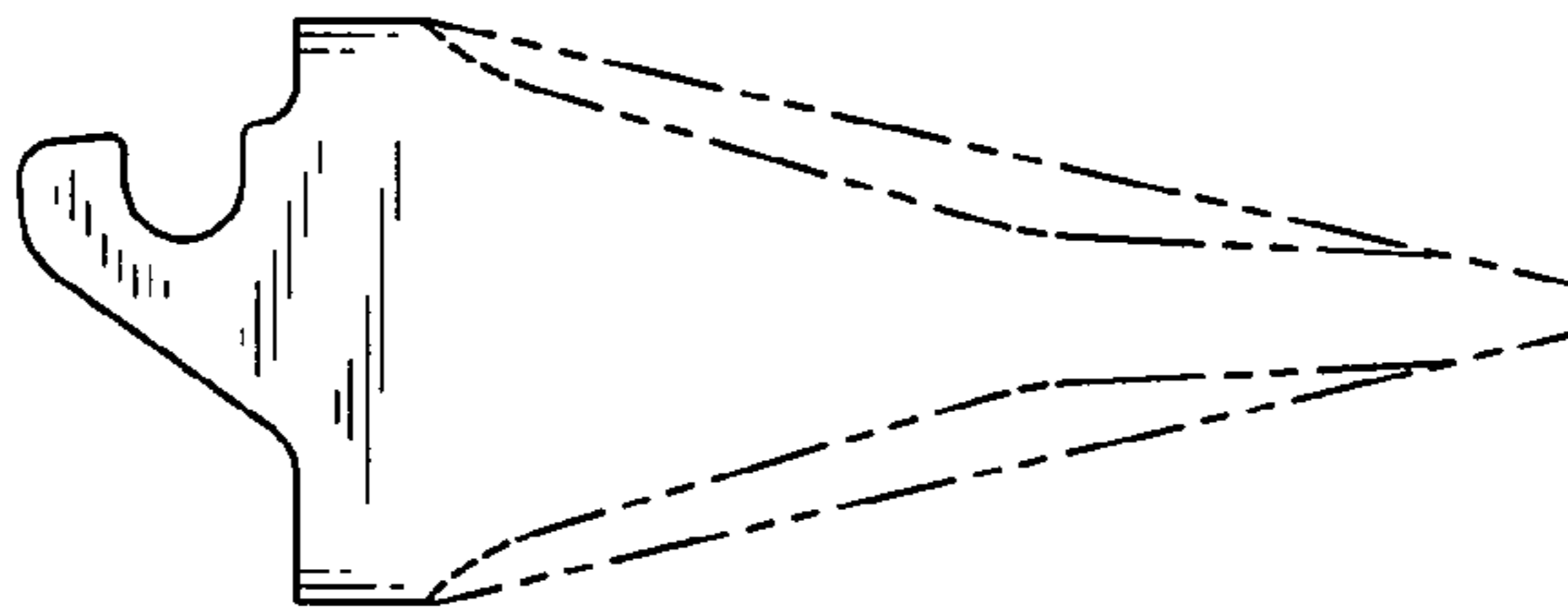
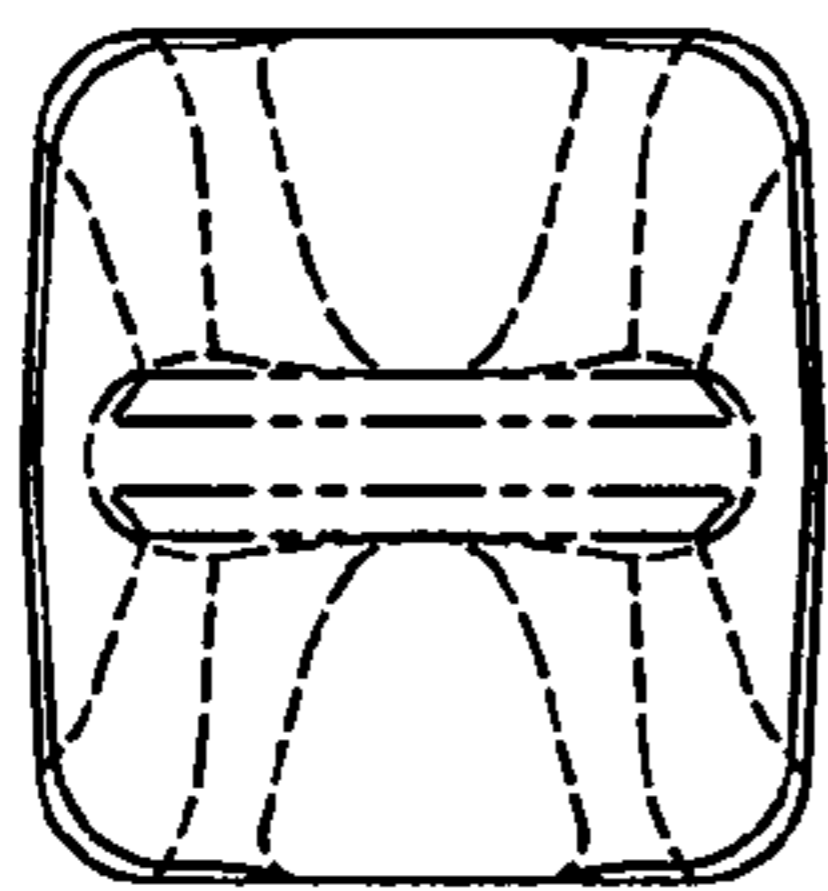
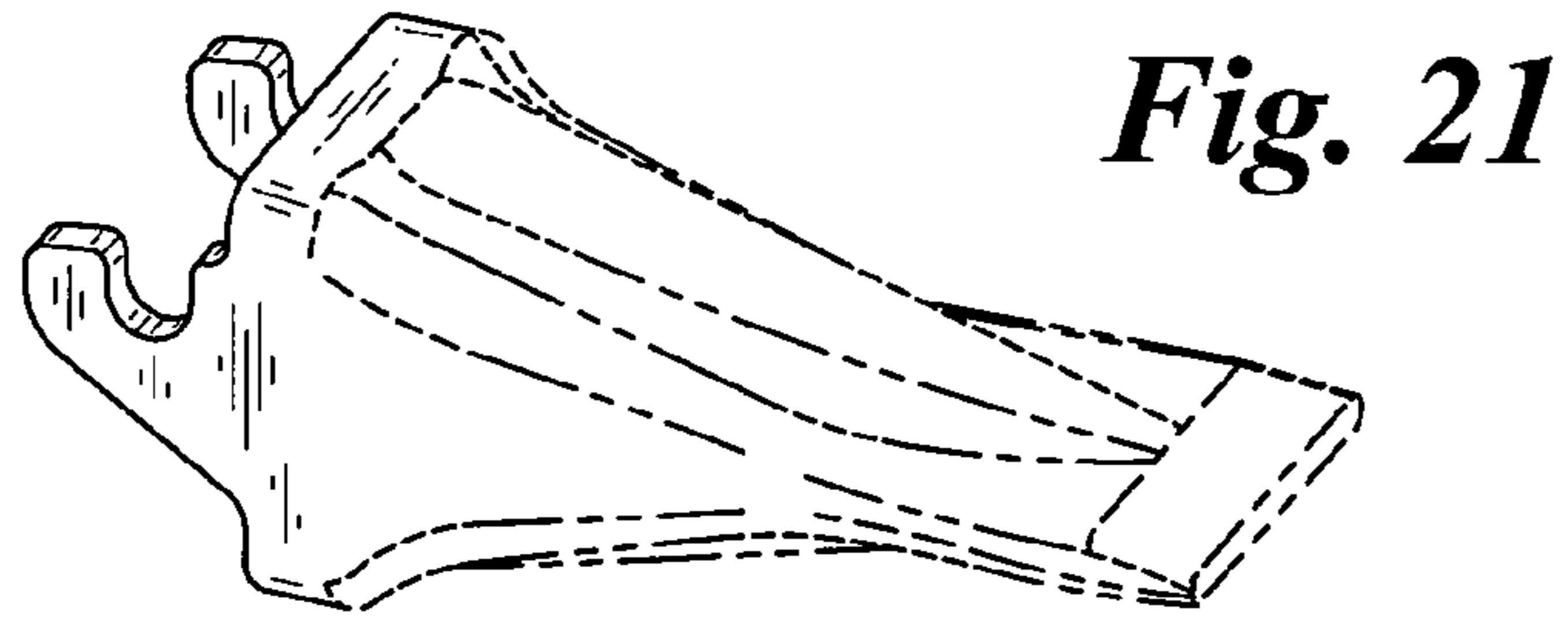


Fig. 15

Fig. 16

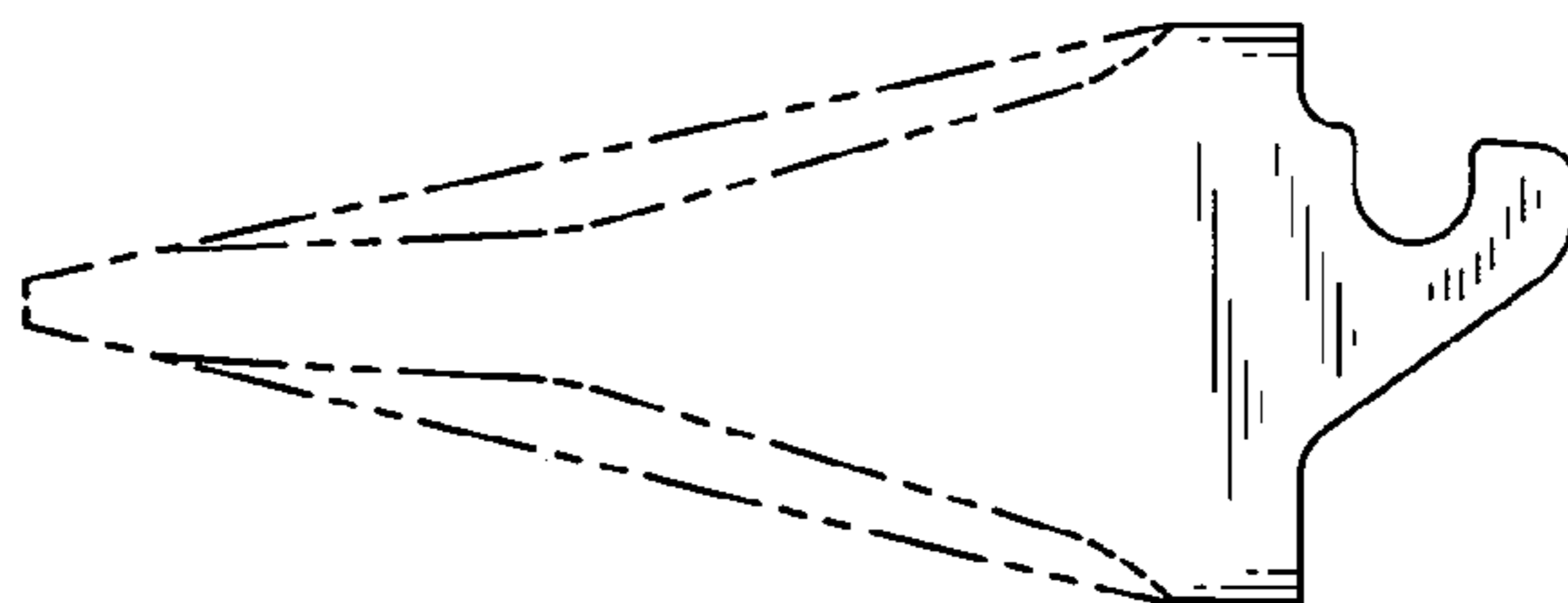
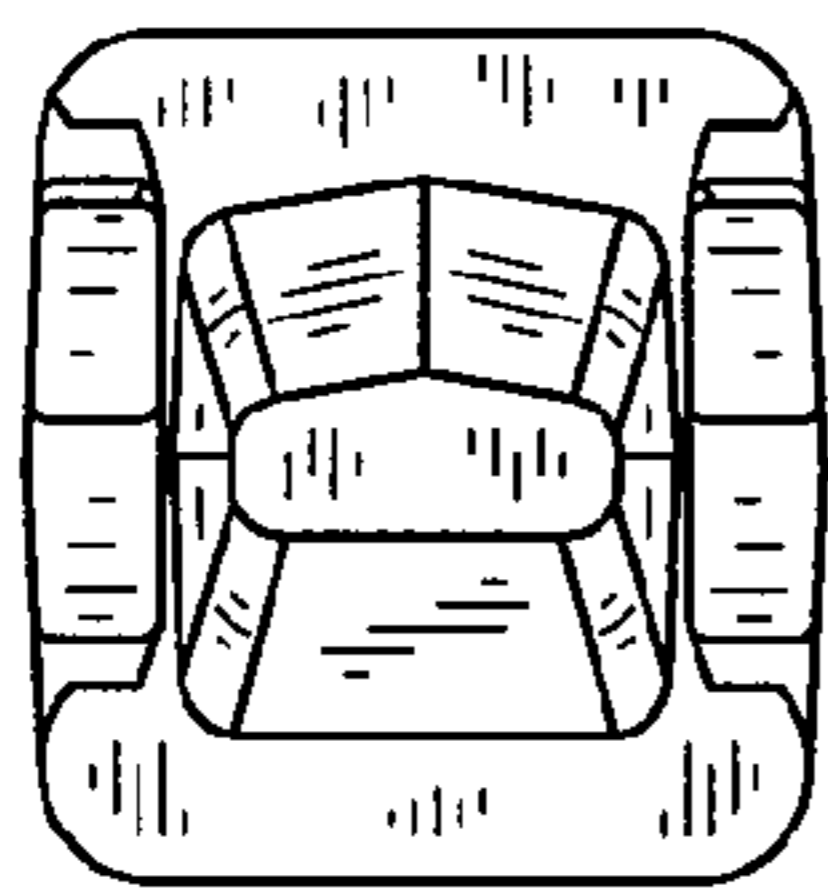


Fig. 18

Fig. 17

Fig. 19

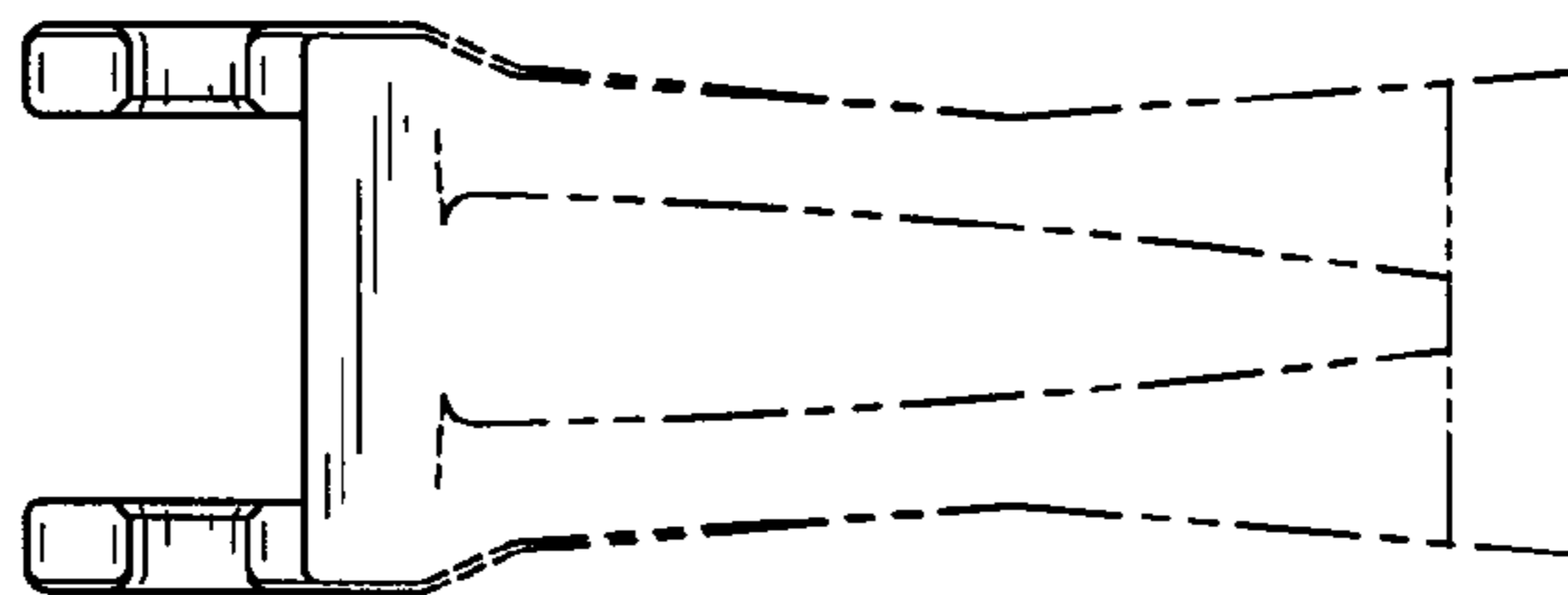
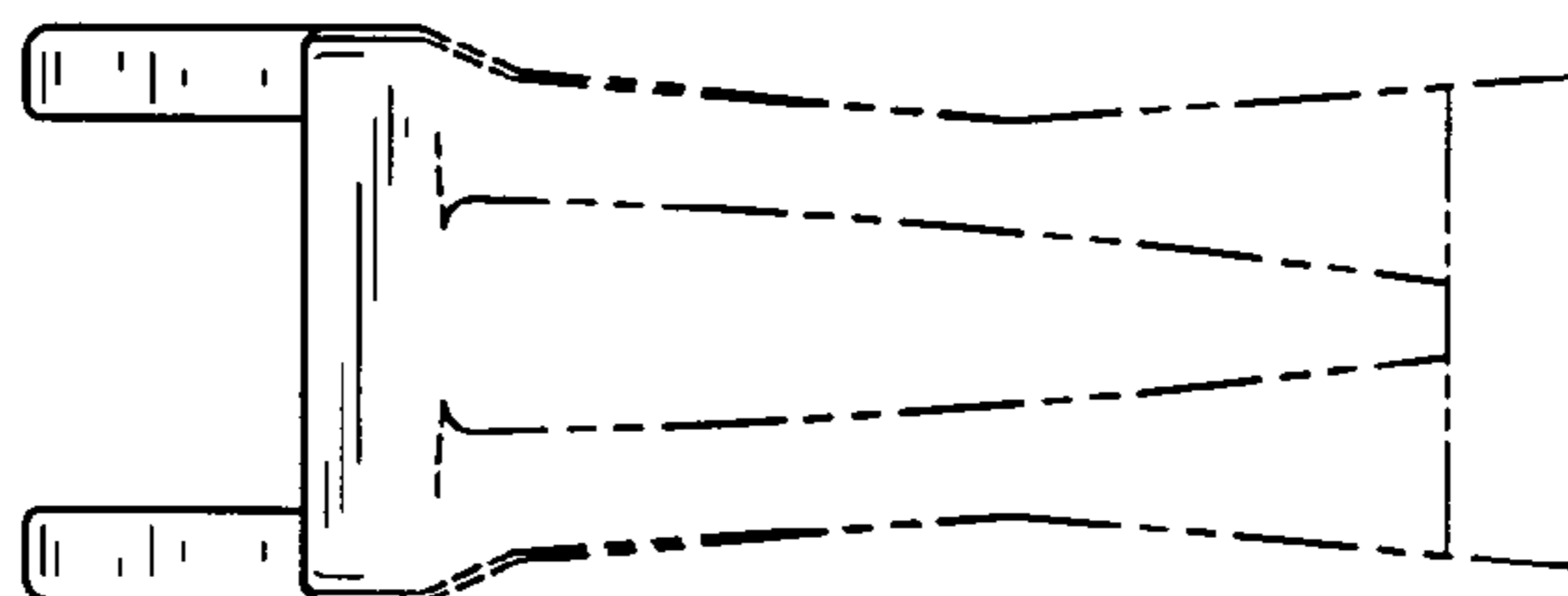


Fig. 20



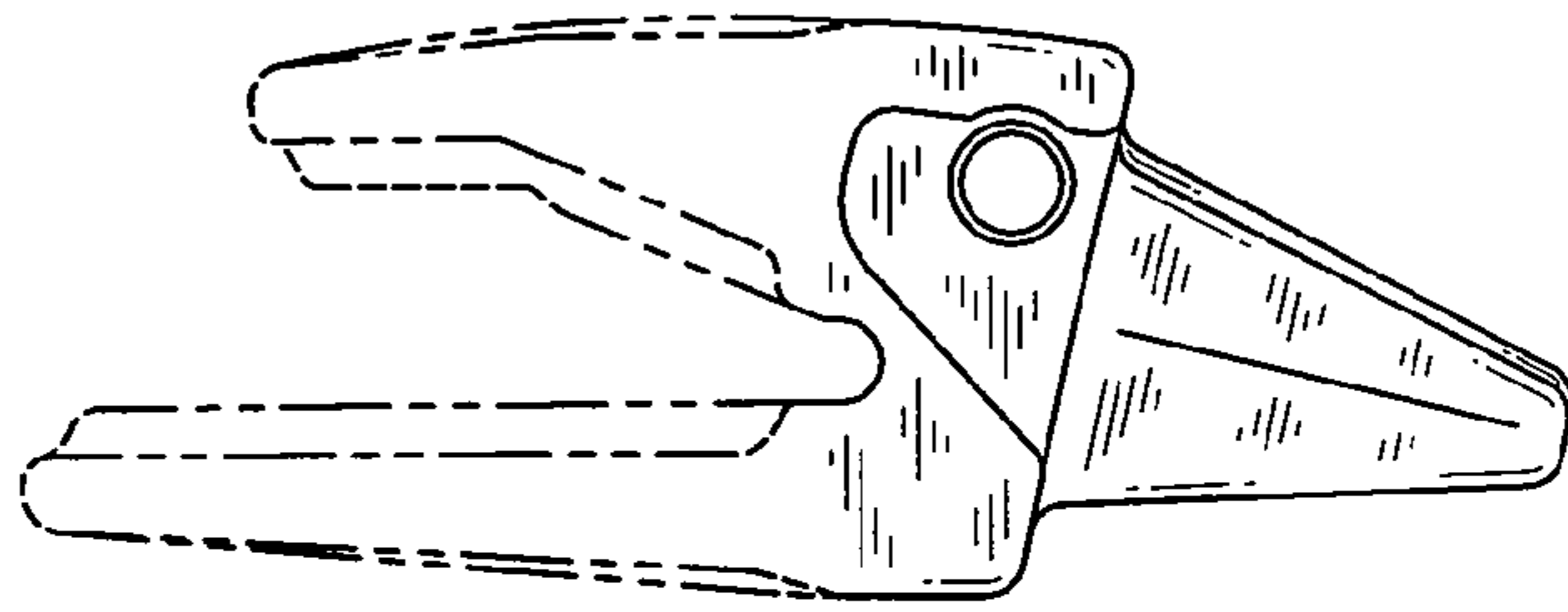
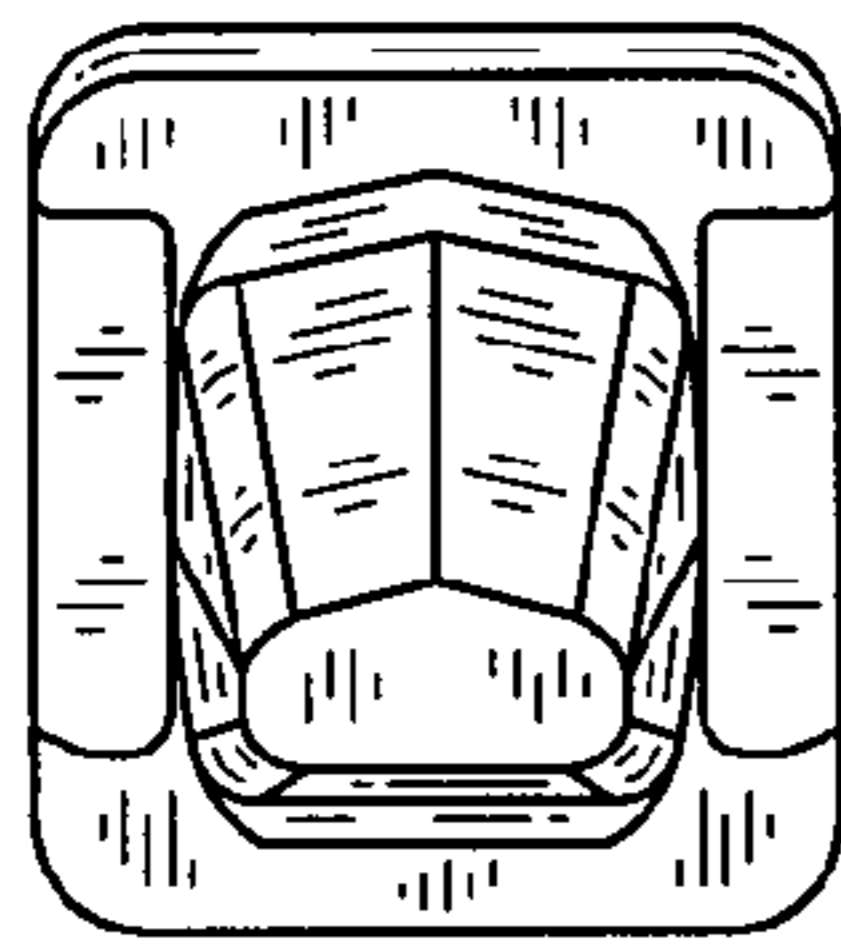
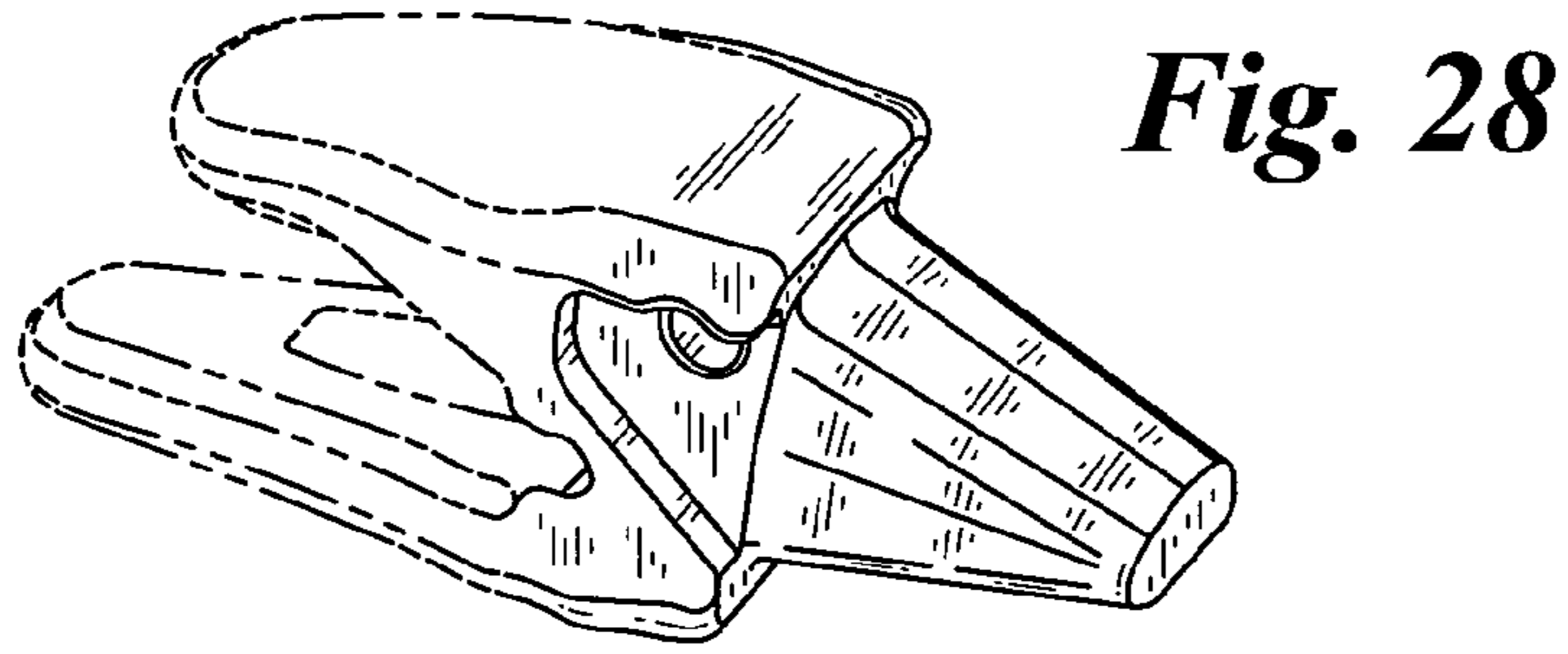


Fig. 22

Fig. 23

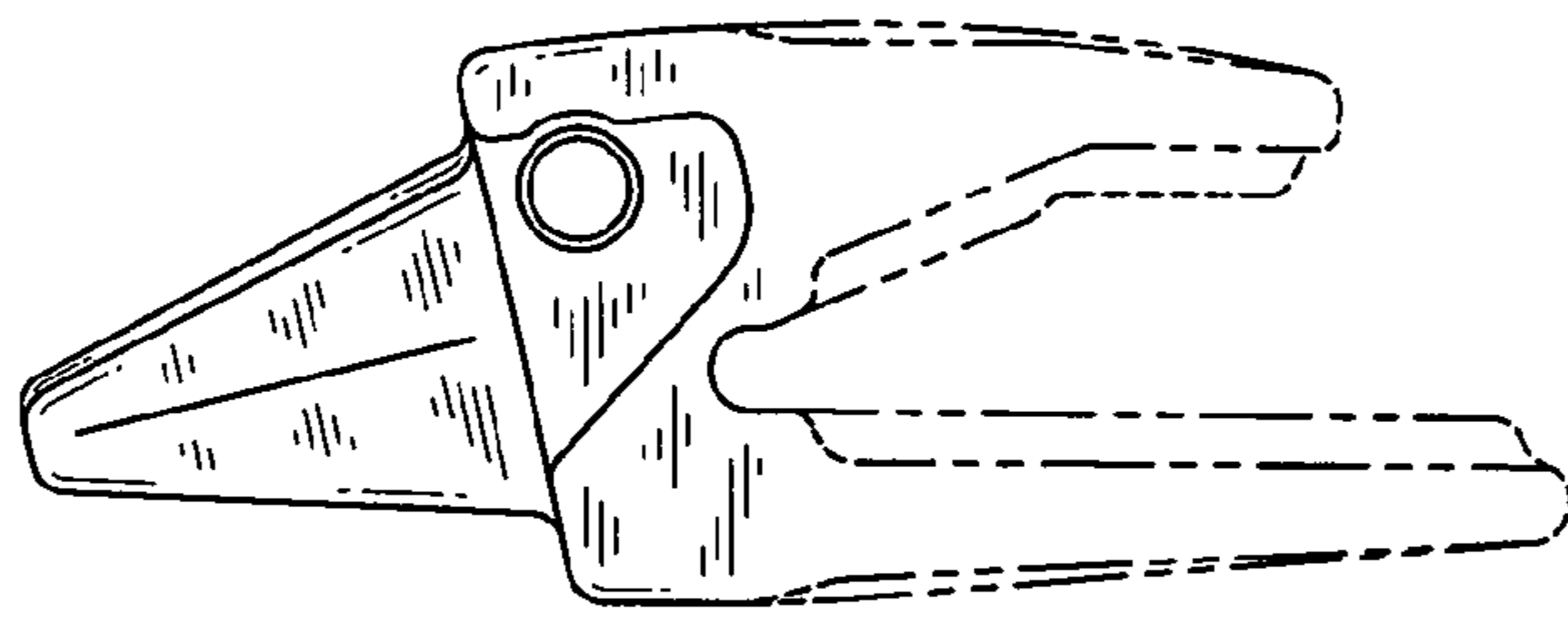
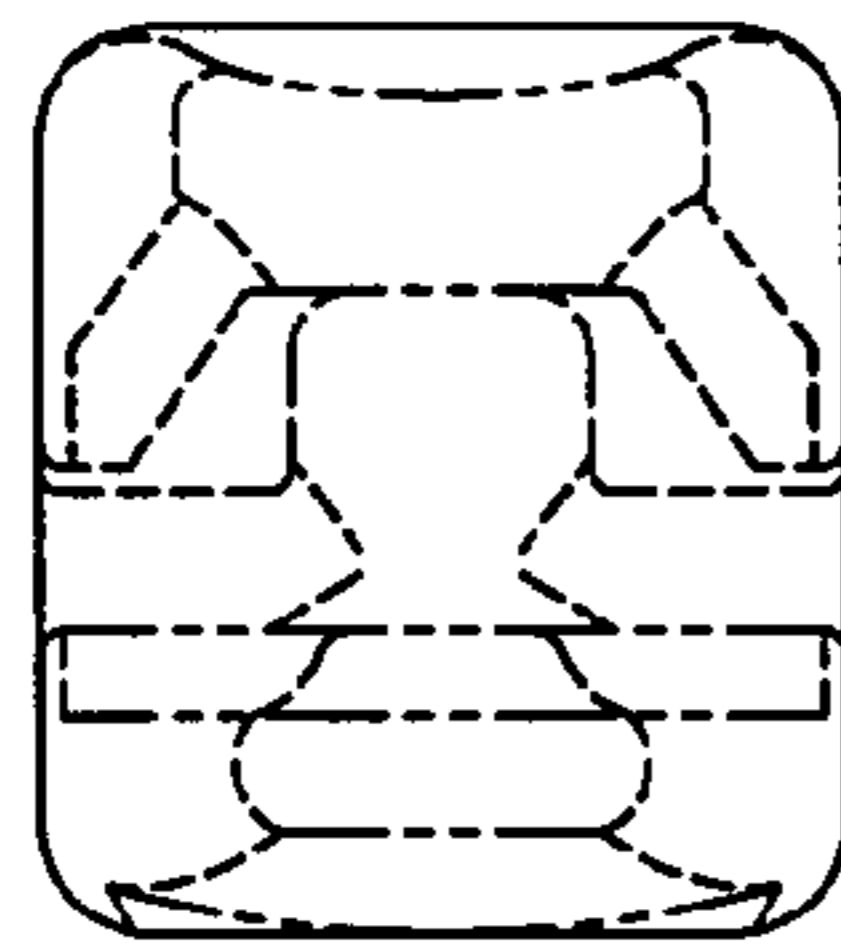


Fig. 25

Fig. 24

Fig. 26

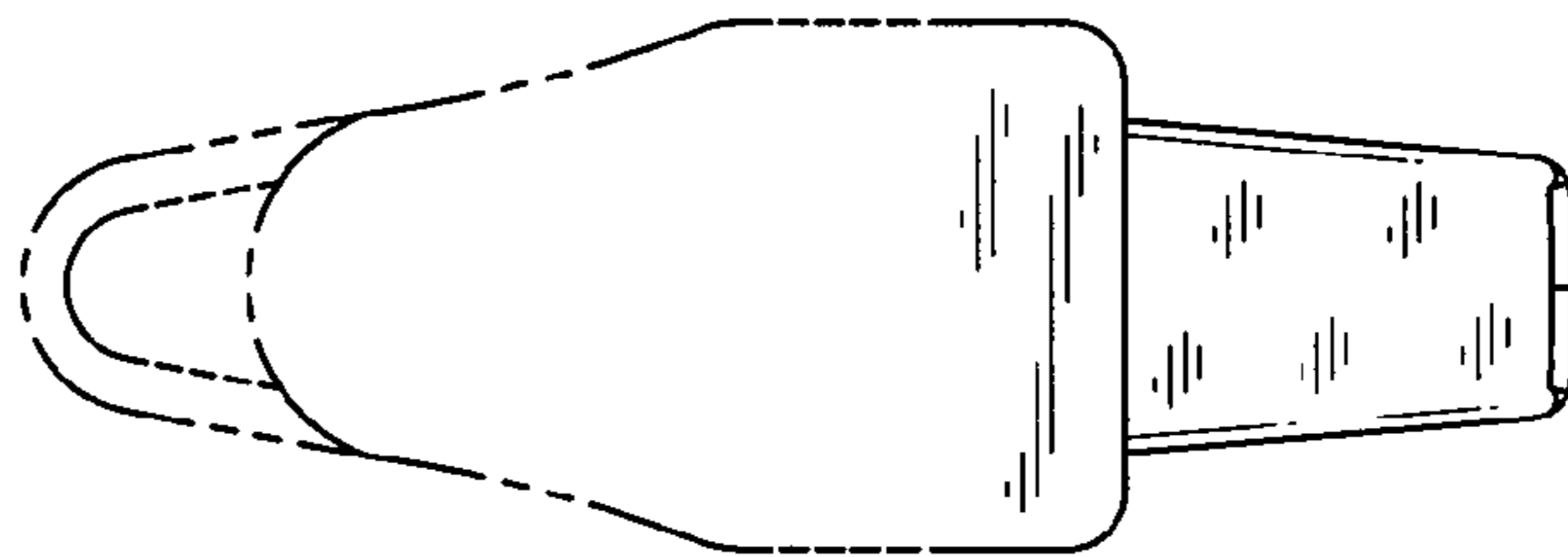


Fig. 27

