



US00D576183S

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

(10) **Patent No.:** **US D576,183 S**
(45) **Date of Patent:** **** Sep. 2, 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.: **29/280,211**

(22) Filed: **May 21, 2007**

Related U.S. Application Data

(62) Division of application No. 29/243,722, filed on Nov. 30, 2005.

(30) **Foreign Application Priority Data**

May 30, 2005 (EM) 346796

(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, 142 A,
37/141 R, 141 T; 403/355
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,571,782 A 6/1926 Andrews
- 1,856,930 A 5/1932 Robin
- 3,371,437 A 3/1968 Wilson et al.
- 3,444,633 A 5/1969 Hensley
- 3,812,608 A 5/1974 Ratkowski
- 3,823,496 A 7/1974 Querci et al.
- 3,851,413 A 12/1974 Lukavich
- 4,027,408 A 6/1977 Ramella et al.
- D251,431 S 3/1979 Klett et al.
- D251,667 S 4/1979 Lemcke
- D252,461 S 7/1979 Korpi
- 4,231,173 A 11/1980 Davis
- D275,859 S 10/1984 Nilsson
- D297,643 S 9/1988 Mohlin

- D336,304 S 6/1993 Robinson
- D336,476 S 6/1993 Garman
- D339,592 S 9/1993 Johansson
- 5,423,138 A 6/1995 Livesay et al.
- 5,456,029 A 10/1995 Cornelius
- 5,561,925 A * 10/1996 Livesay 37/455
- D385,286 S 10/1997 Moreno
- 5,709,043 A 1/1998 Jones et al.
- D391,584 S 3/1998 Moreno
- D392,292 S 3/1998 Moreno
- 5,782,019 A 7/1998 Launder et al.
- D410,657 S 6/1999 Launder et al.
- D413,338 S 8/1999 Molina
- D417,877 S 12/1999 Launder et al.
- D420,014 S 2/2000 Karlsson
- D429,256 S 8/2000 Zaun
- D446,224 S 8/2001 Clendenning
- D447,154 S 8/2001 Clendenning
- 6,321,471 B2 11/2001 Munoz et al.
- 6,477,796 B1 11/2002 Cornelius
- D471,212 S 3/2003 Rodriguez
- D471,565 S 3/2003 Rodriguez
- 6,735,890 B2 5/2004 Carpenter et al.
- 6,766,602 B2 7/2004 Cox et al.
- D499,749 S 12/2004 Launder et al.

* cited by examiner

Primary Examiner—Stella M. Reid
Assistant Examiner—Mark Goodwin
(74) *Attorney, Agent, or Firm*—Panitch Schwarze Belisario & Nadel 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;

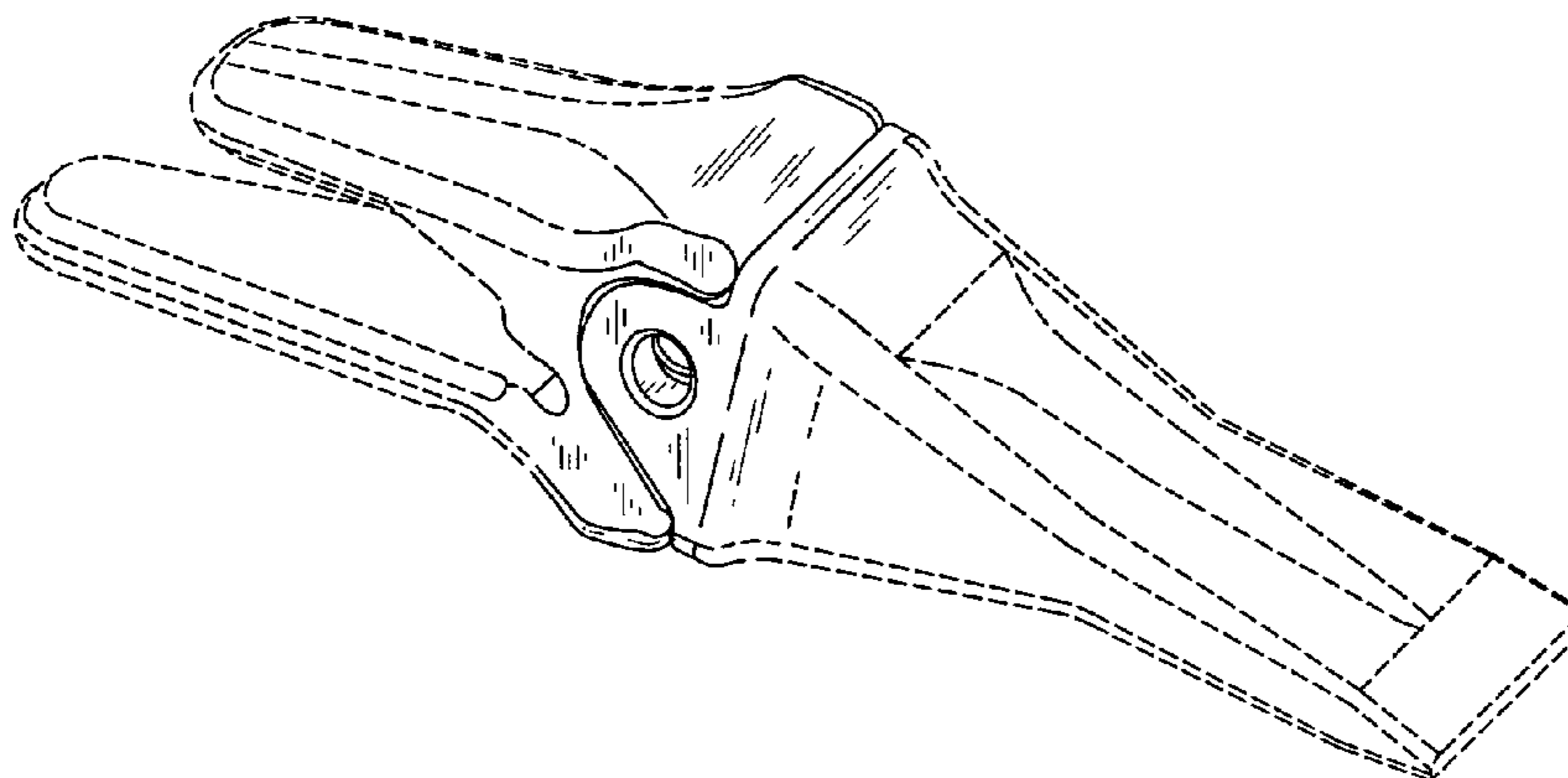


FIG. 7 is a perspective view thereof;

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 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

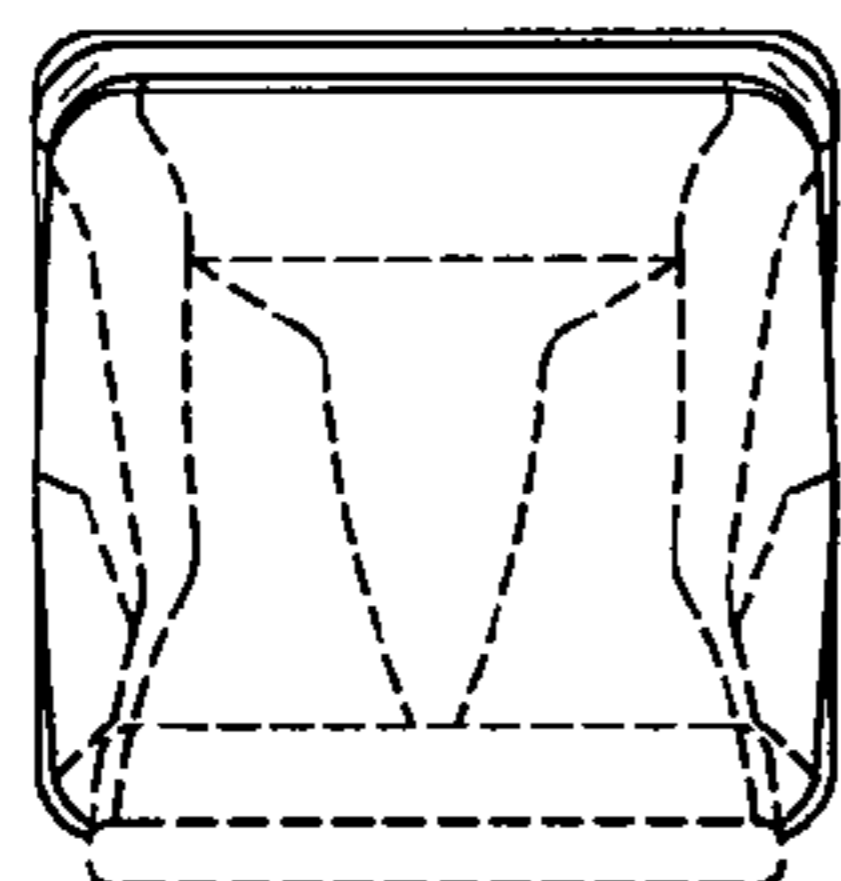


Fig. 1

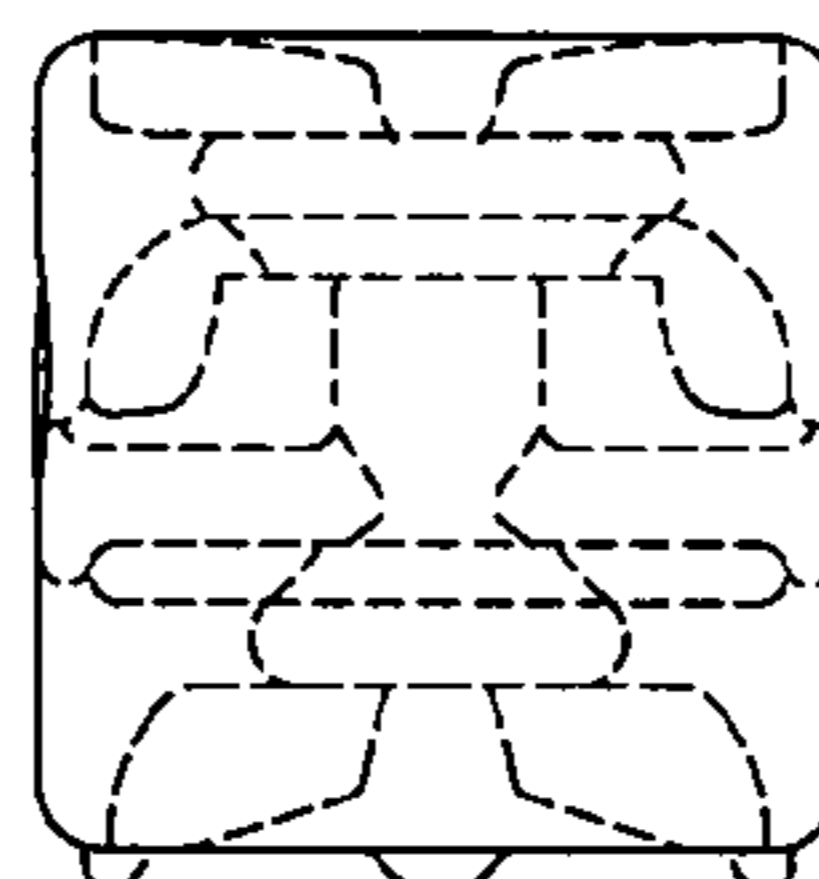


Fig. 4

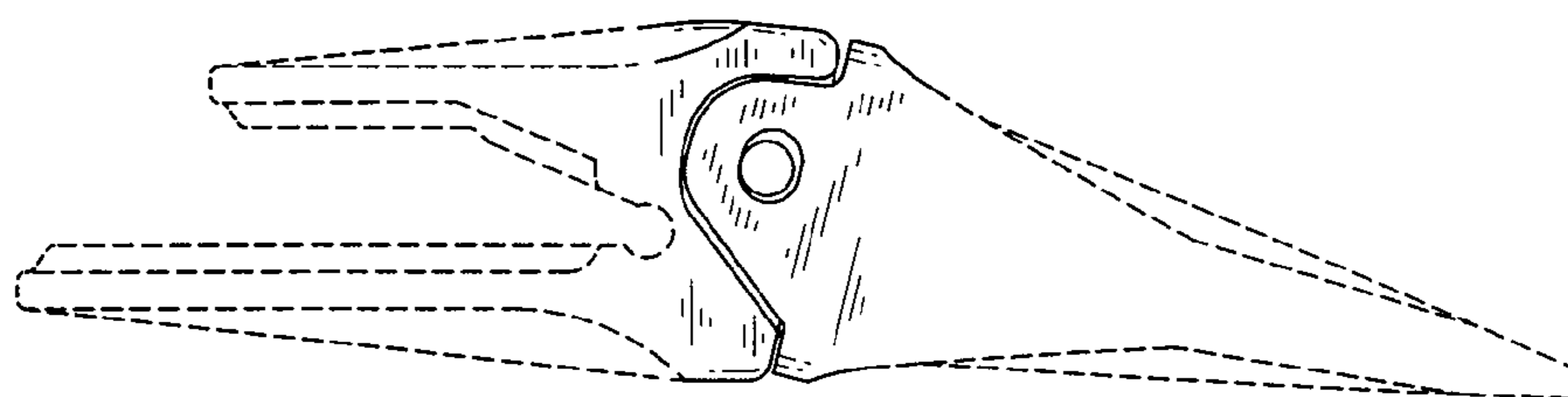


Fig. 2

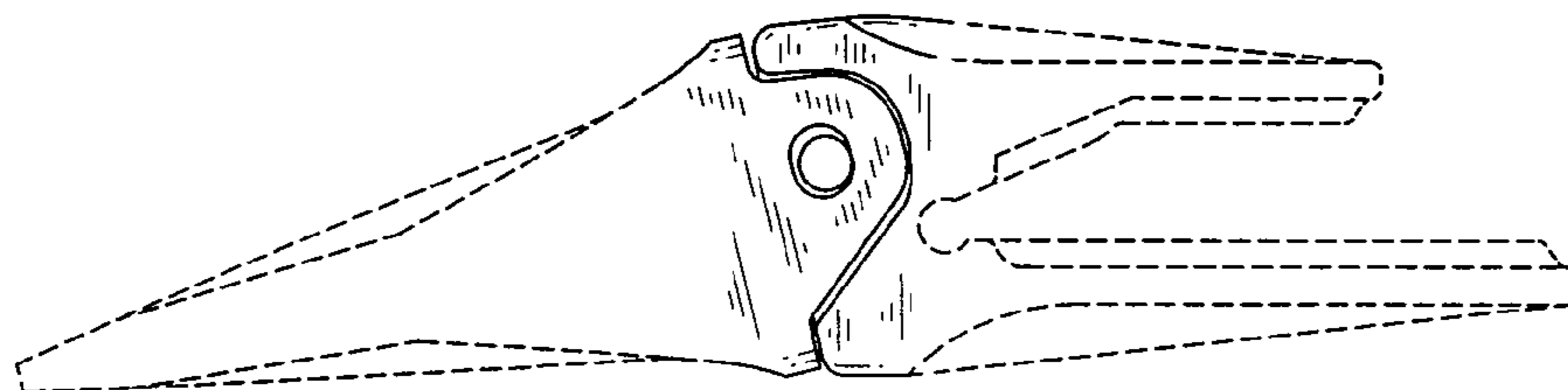


Fig. 3

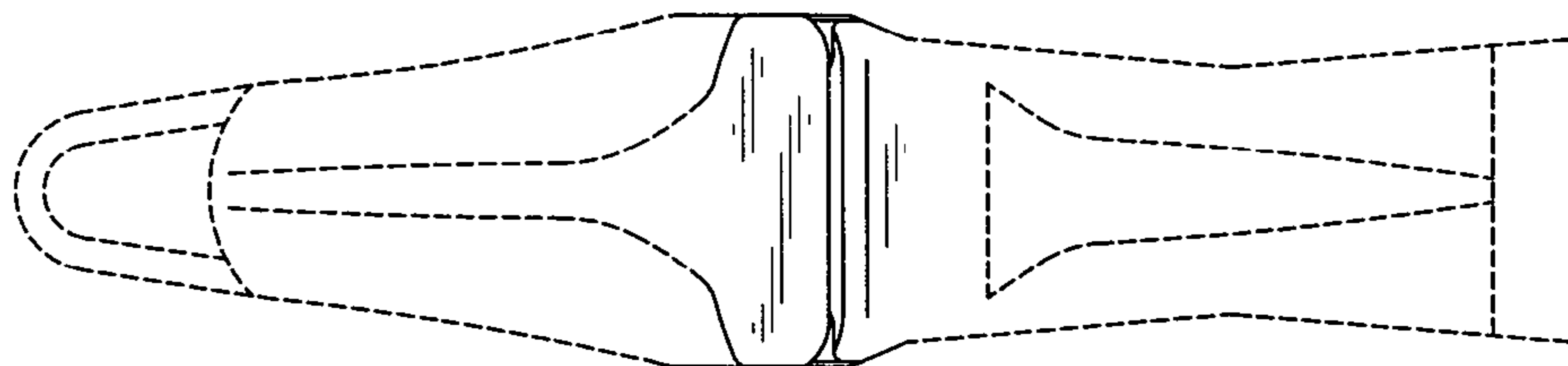


Fig. 5

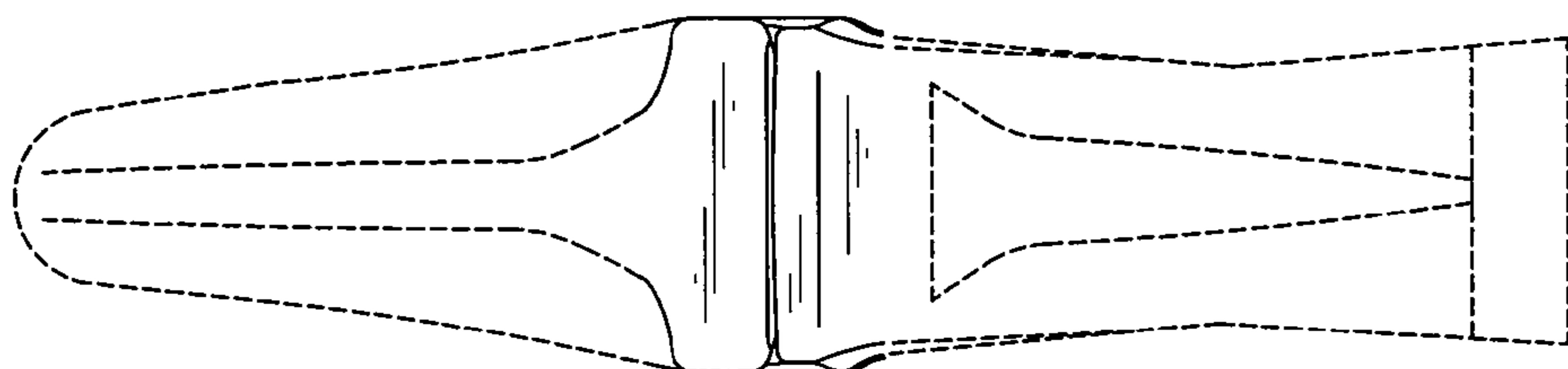


Fig. 6

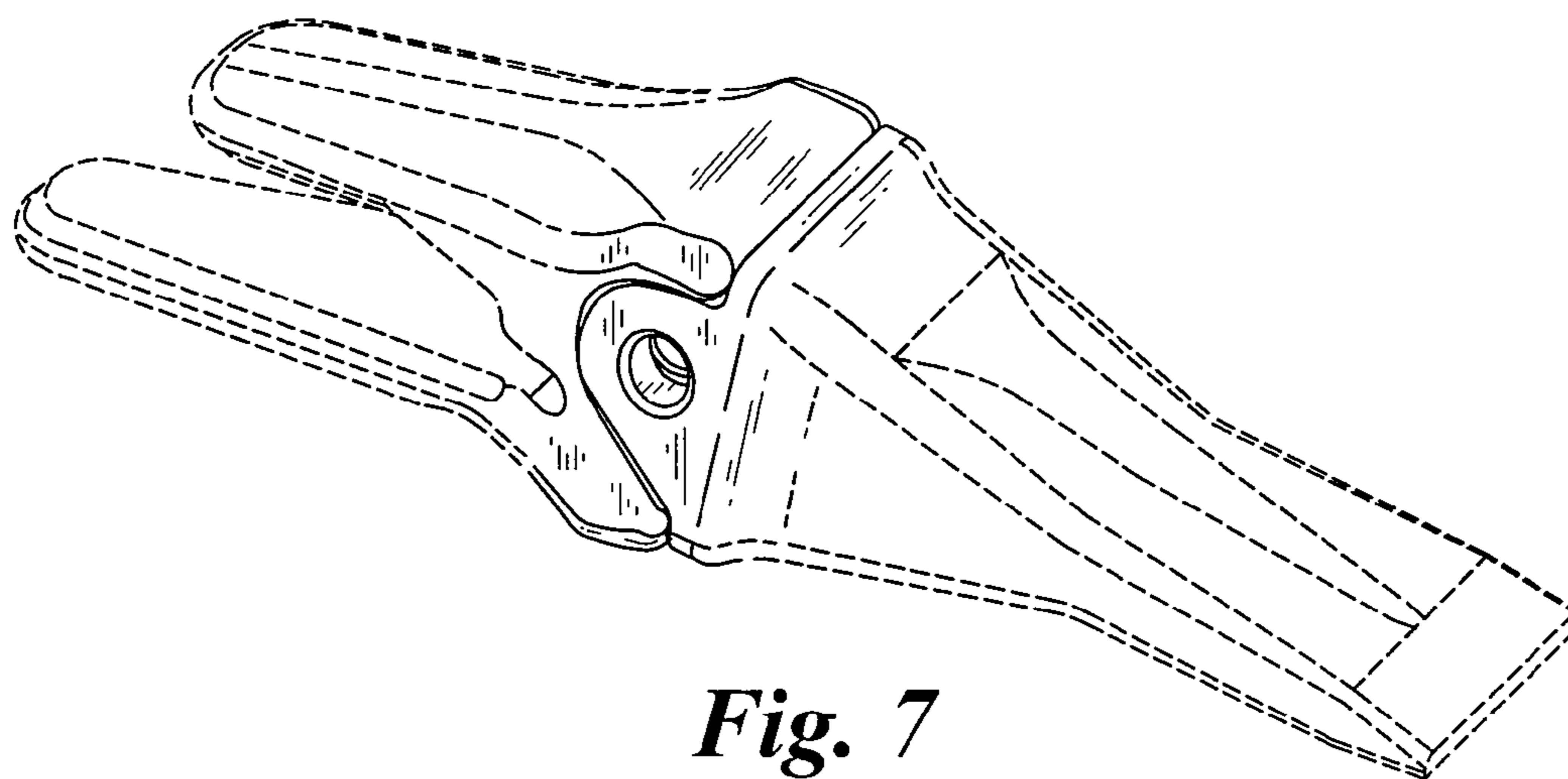


Fig. 7

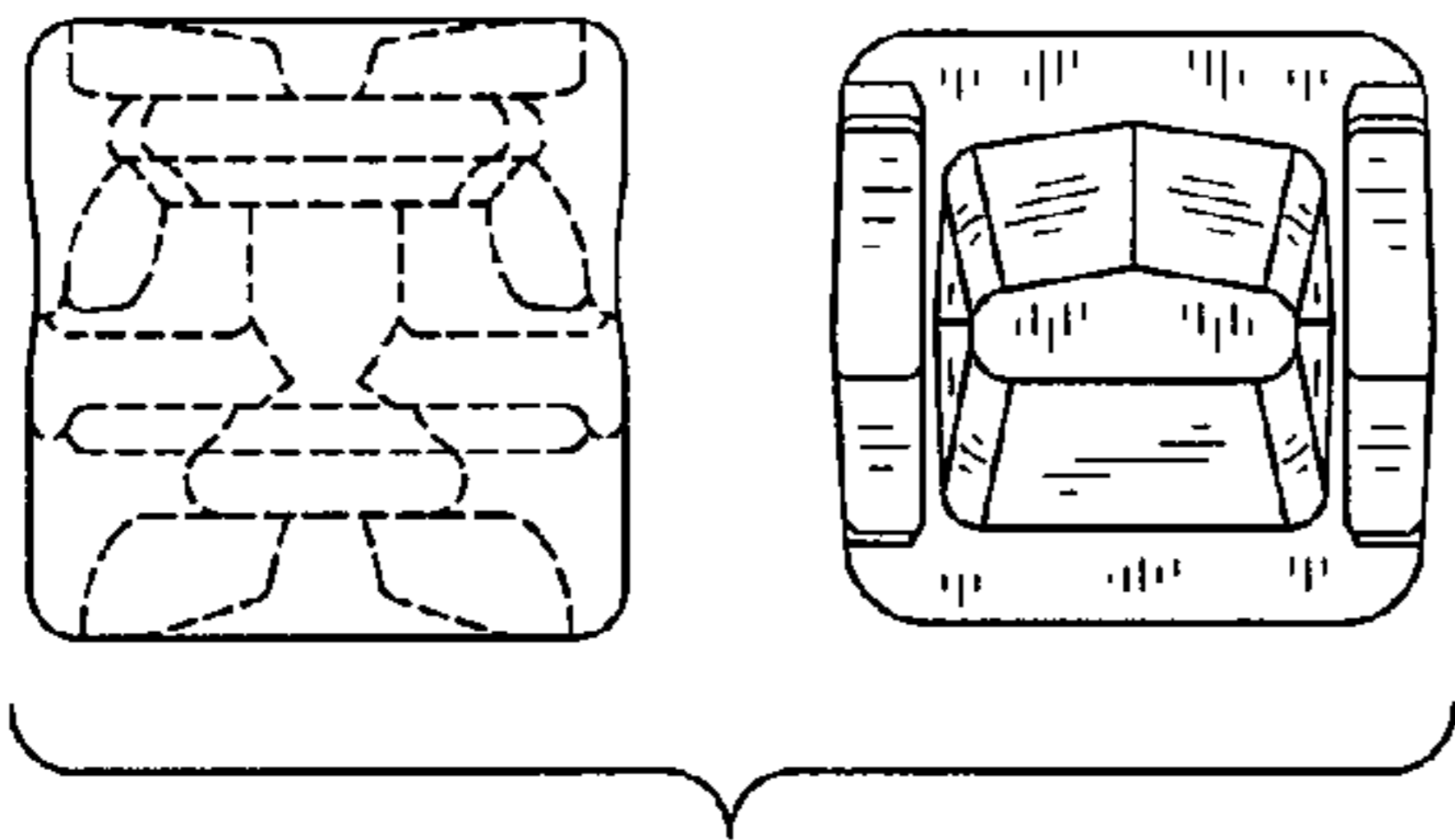


Fig. 8

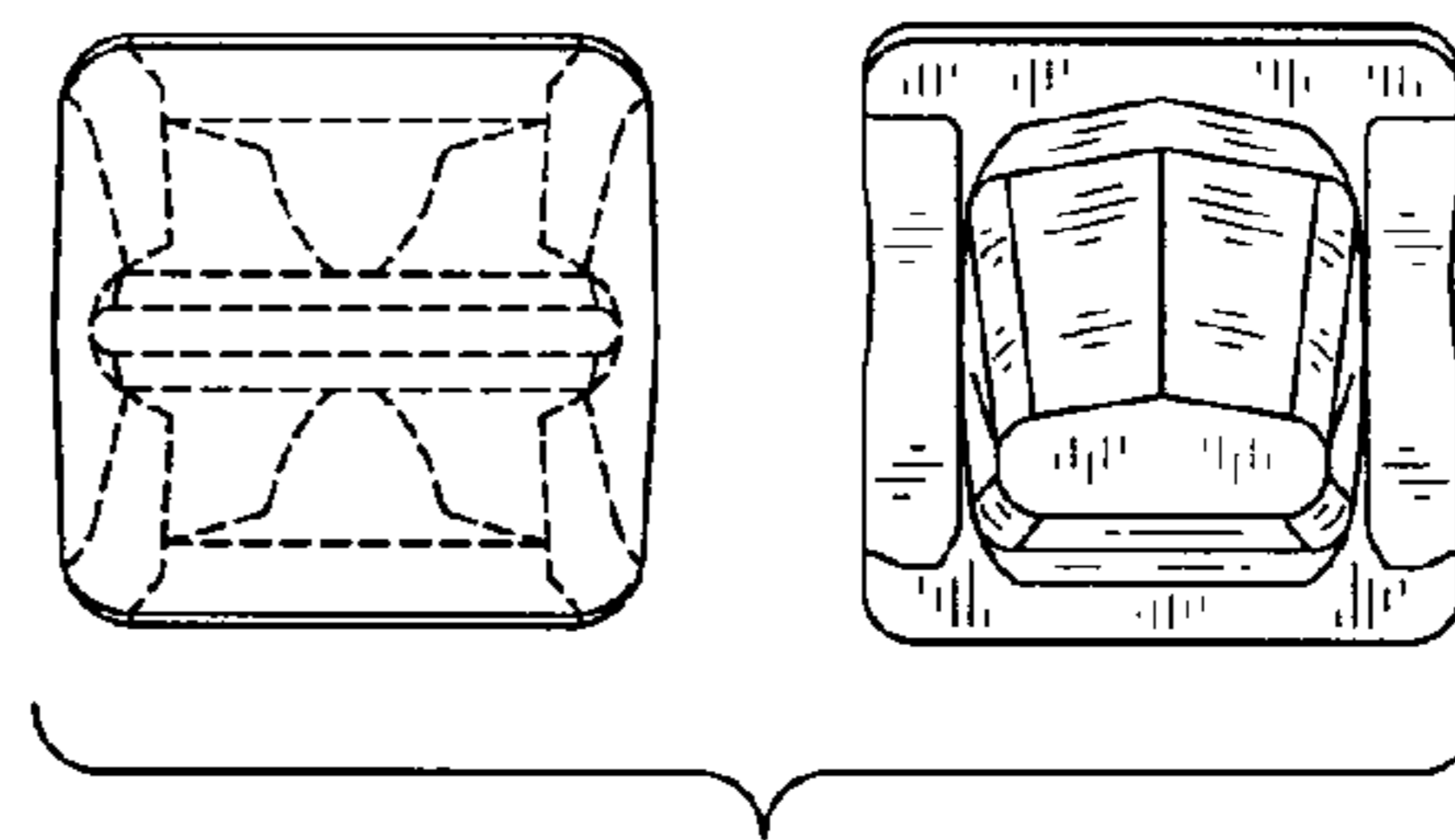


Fig. 11

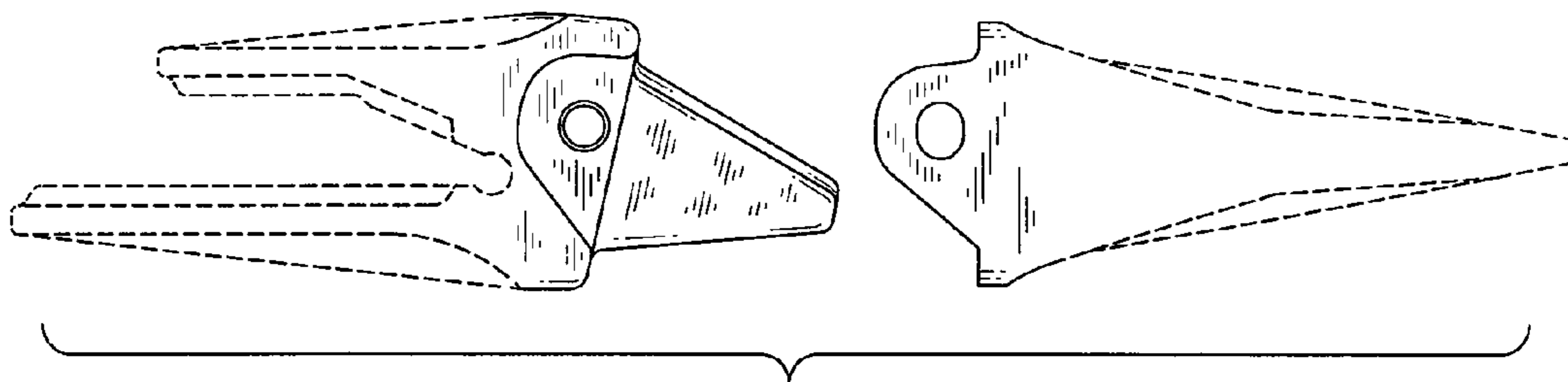


Fig. 9

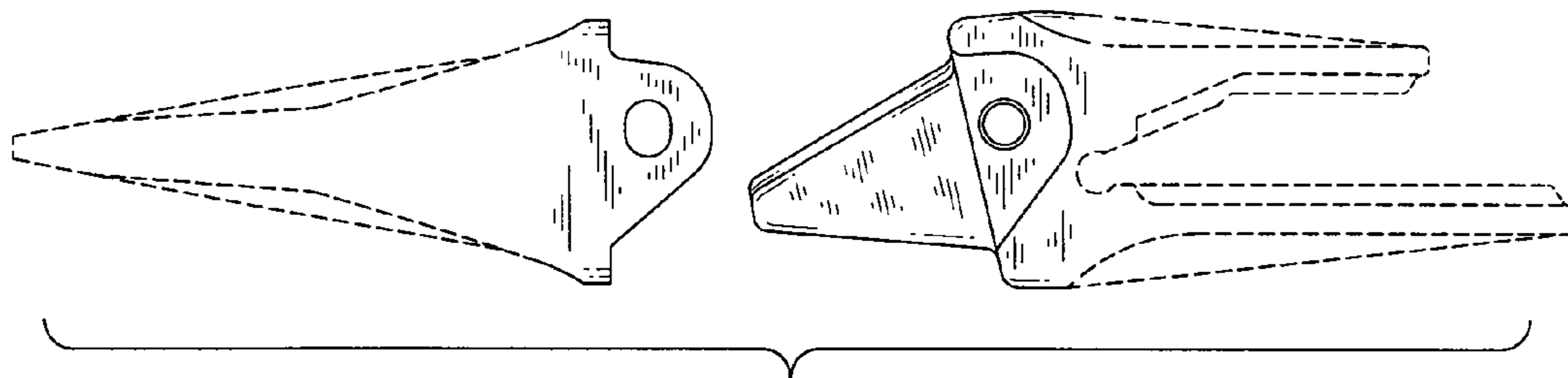


Fig. 10

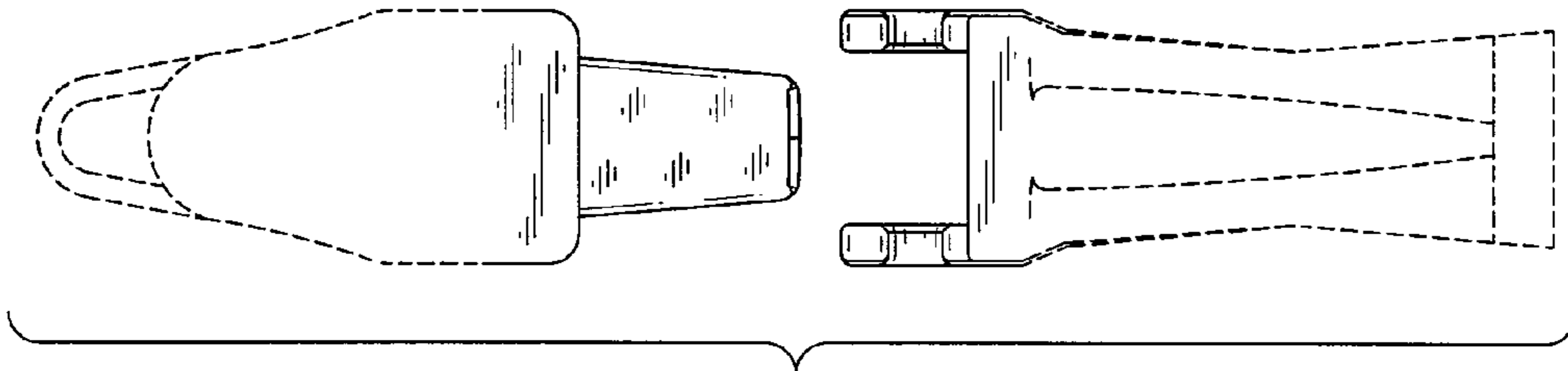


Fig. 12

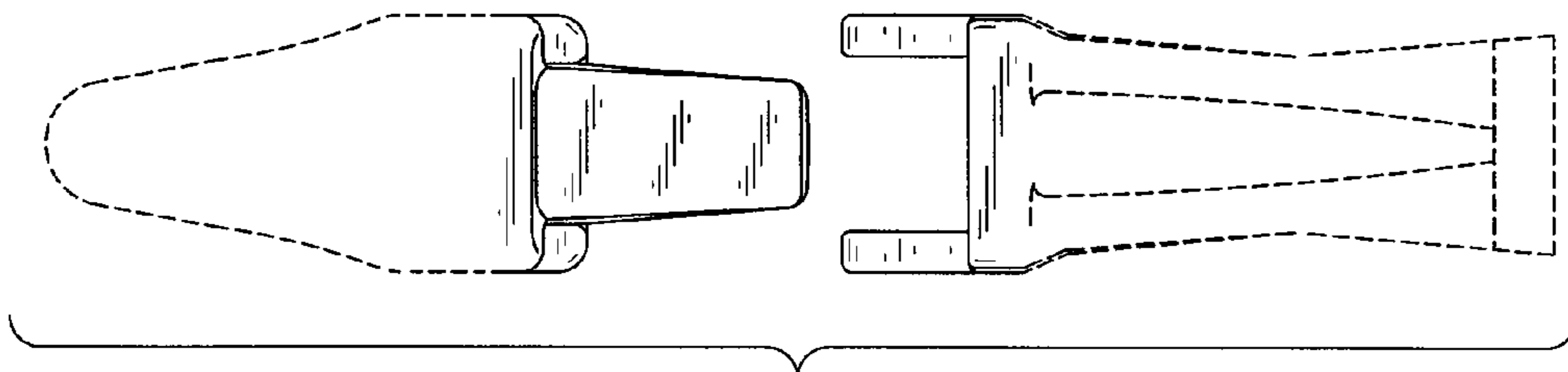


Fig. 13

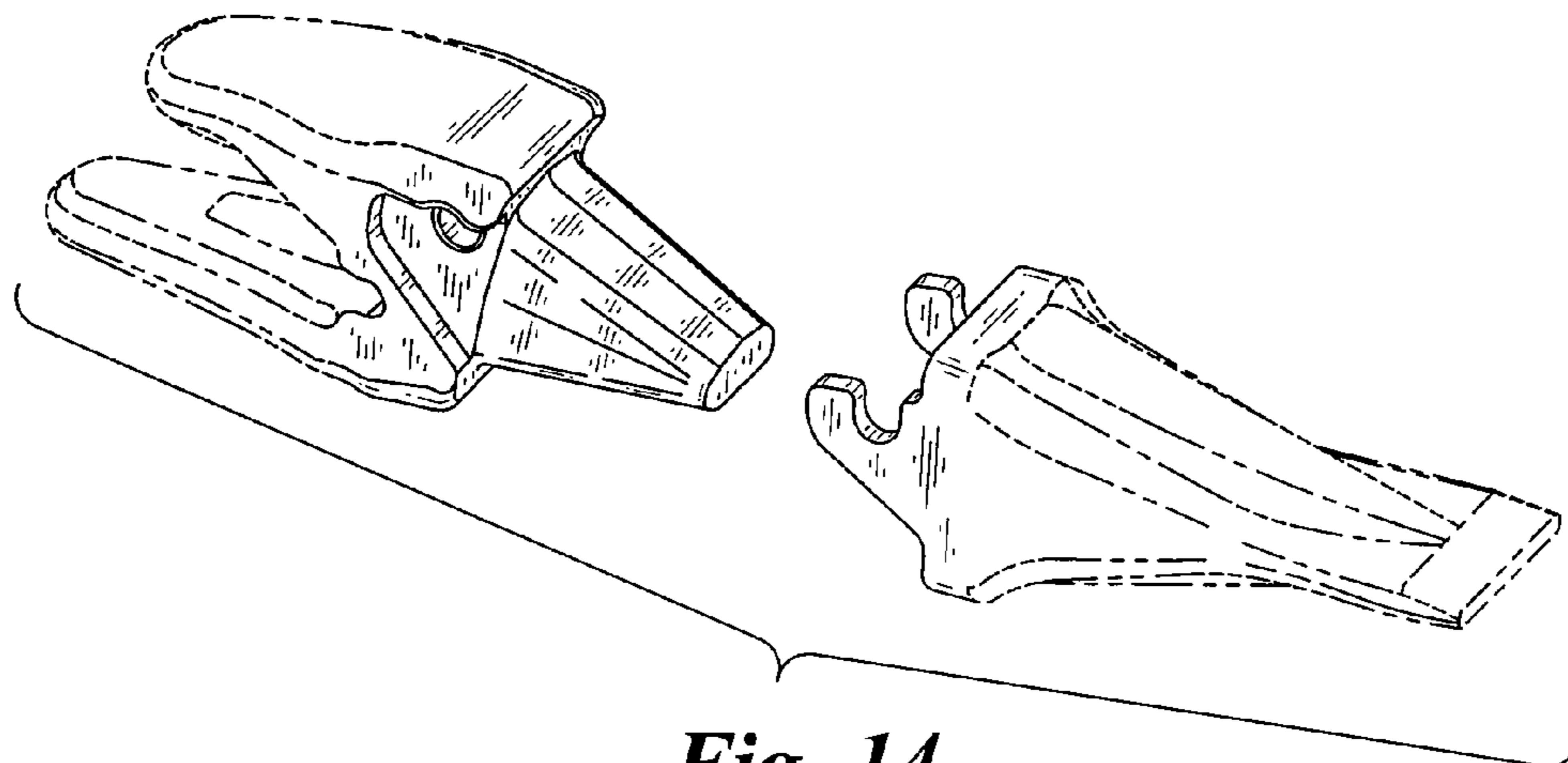


Fig. 14

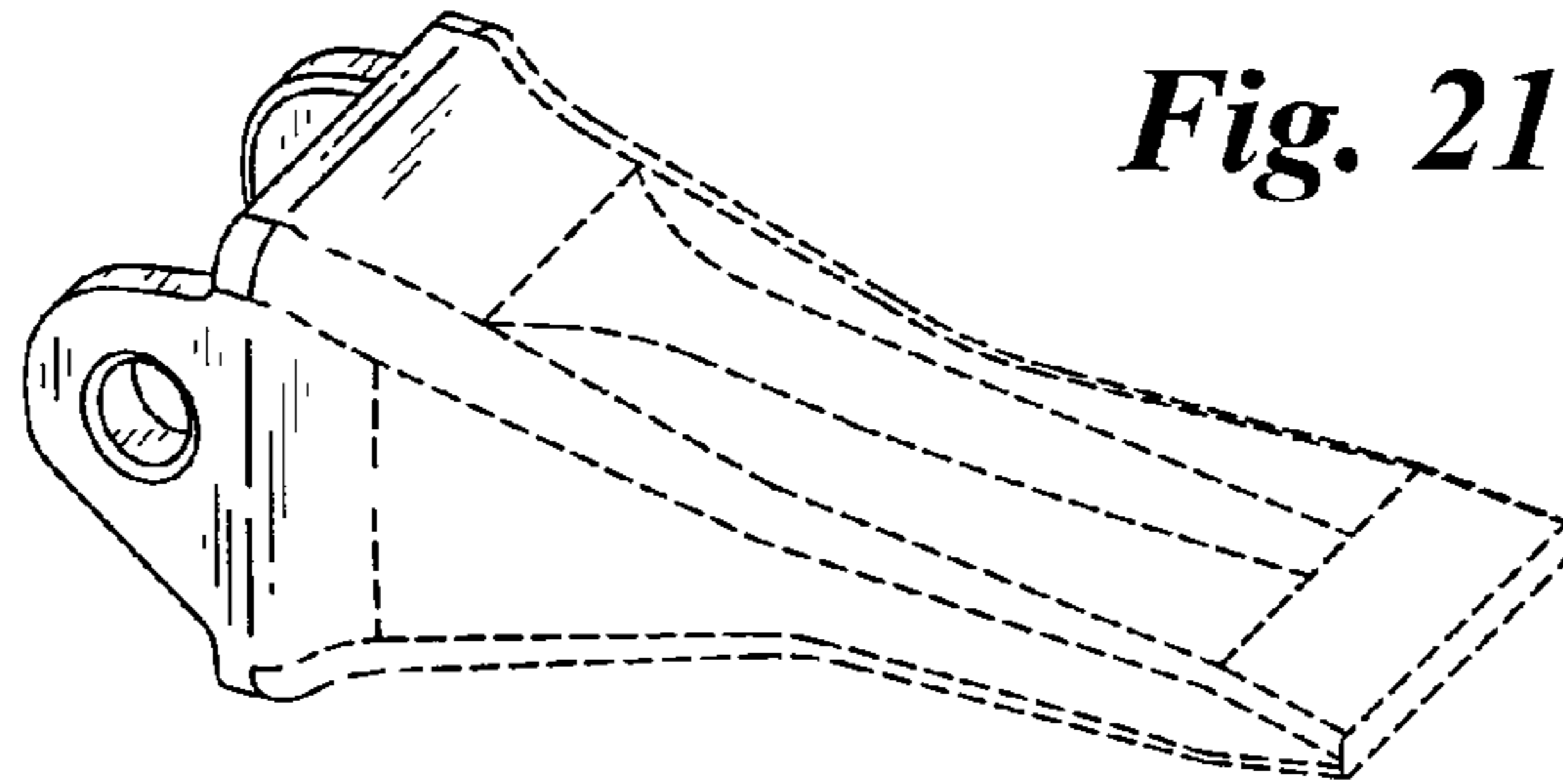


Fig. 21

Fig. 15

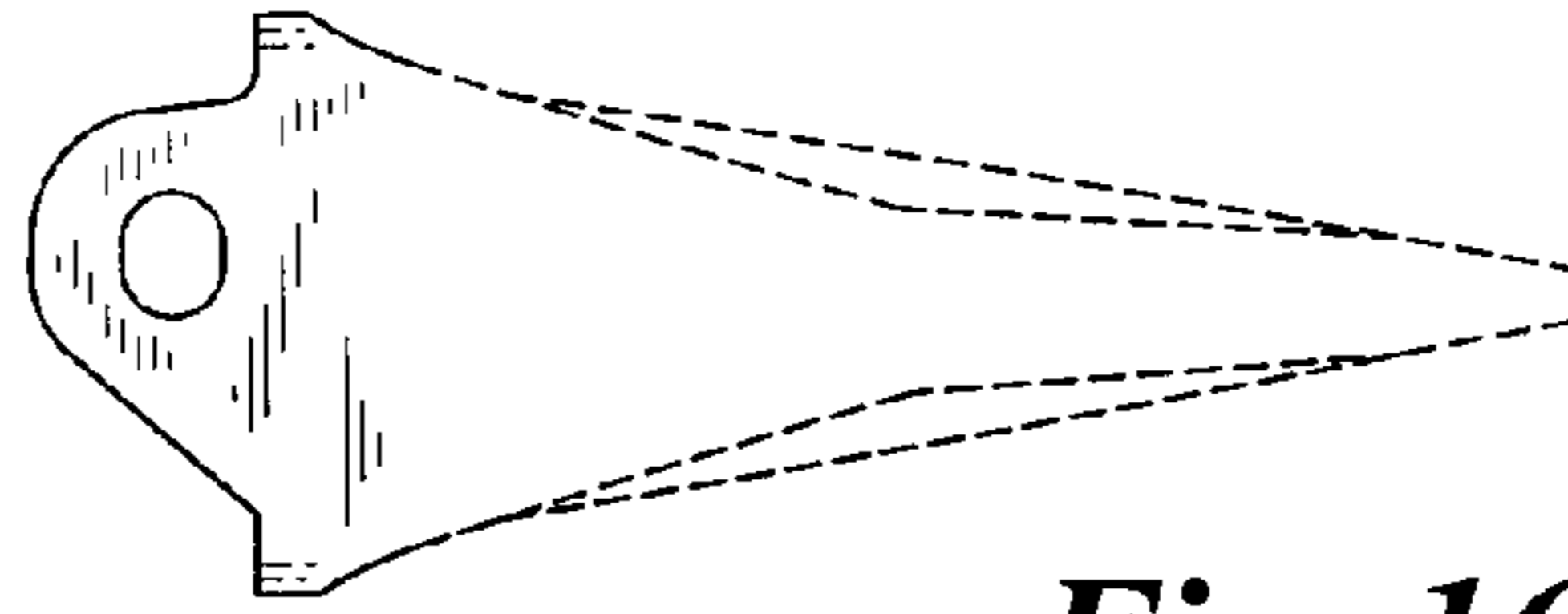
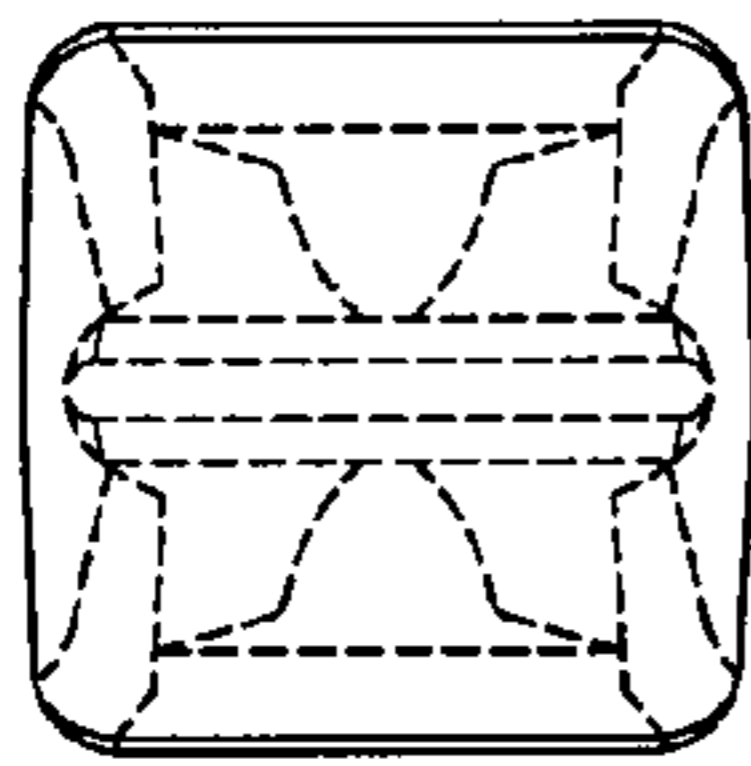


Fig. 16

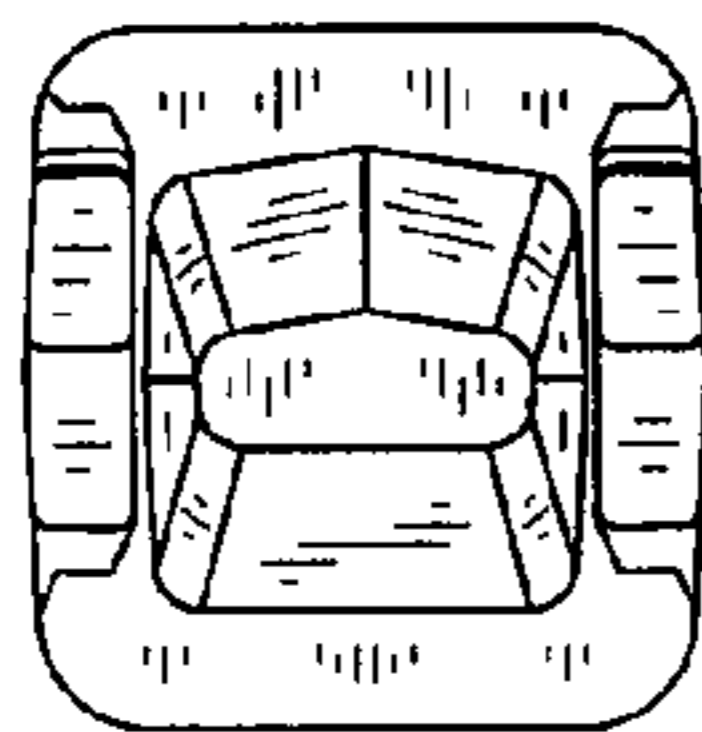


Fig. 17

Fig. 18

Fig. 20

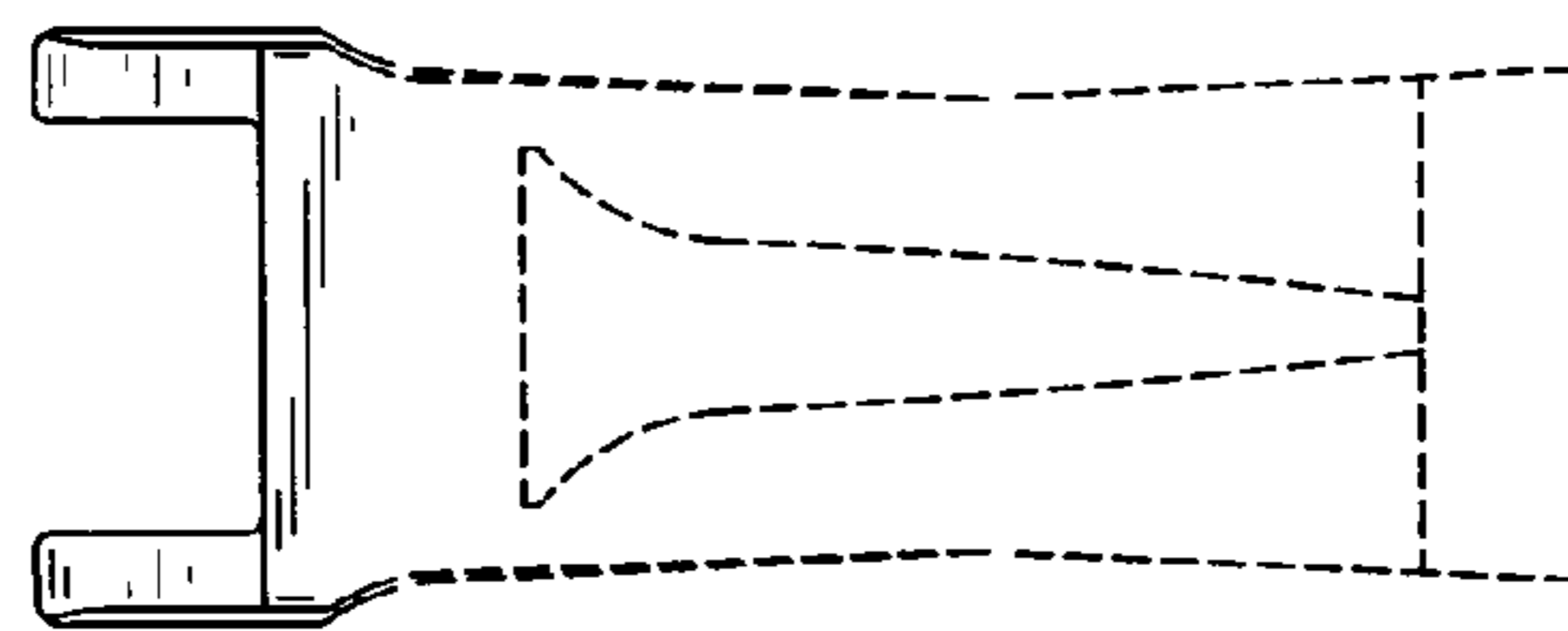
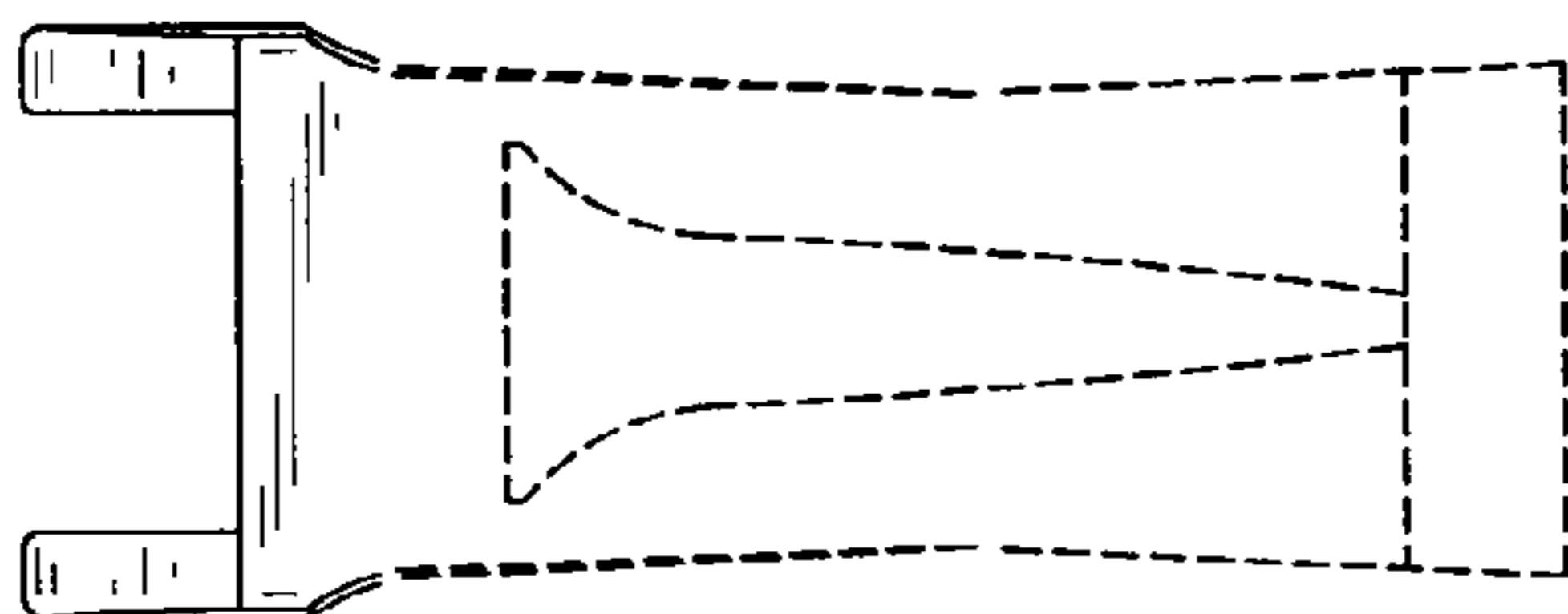


Fig. 19

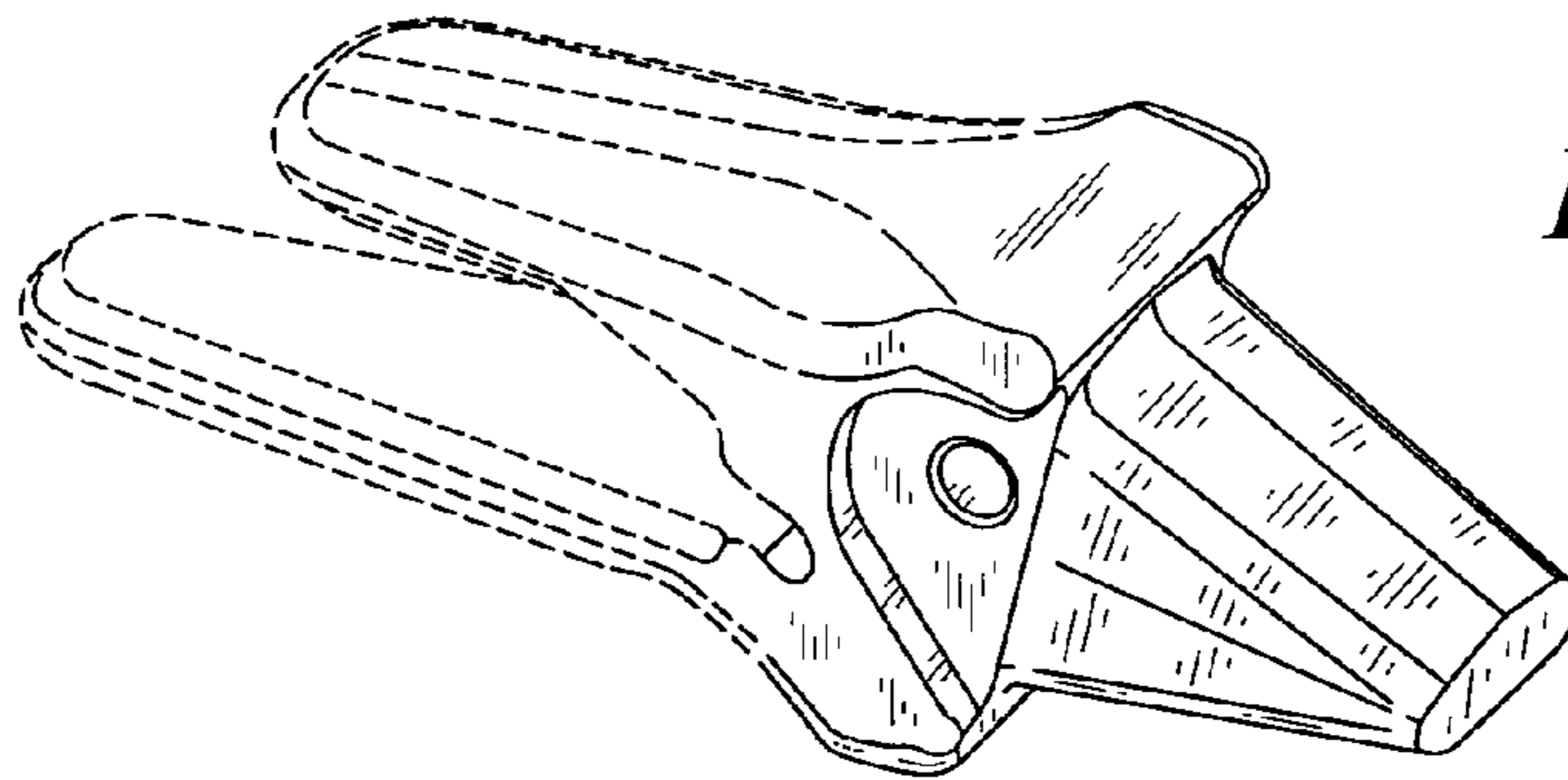


Fig. 28

Fig. 22

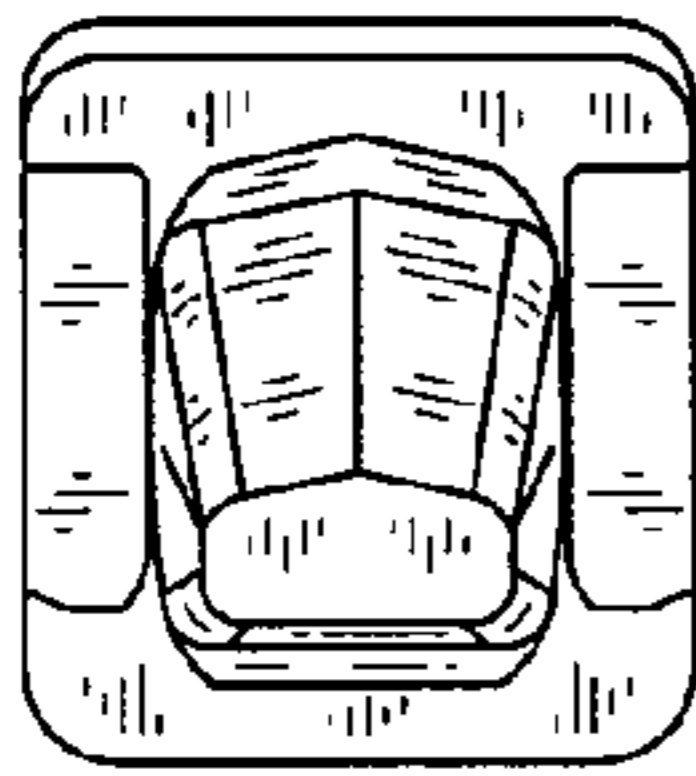


Fig. 23

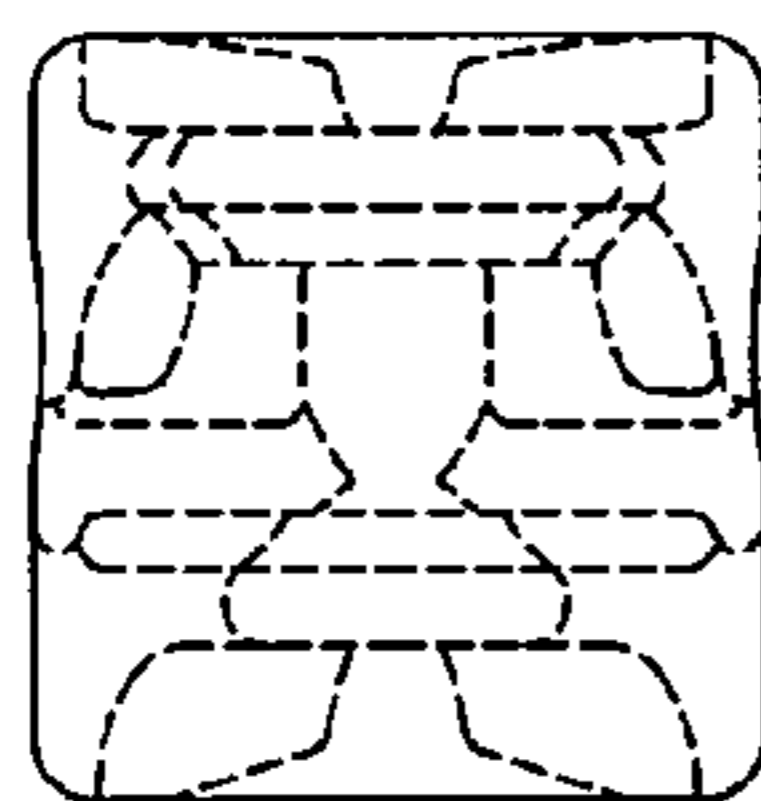
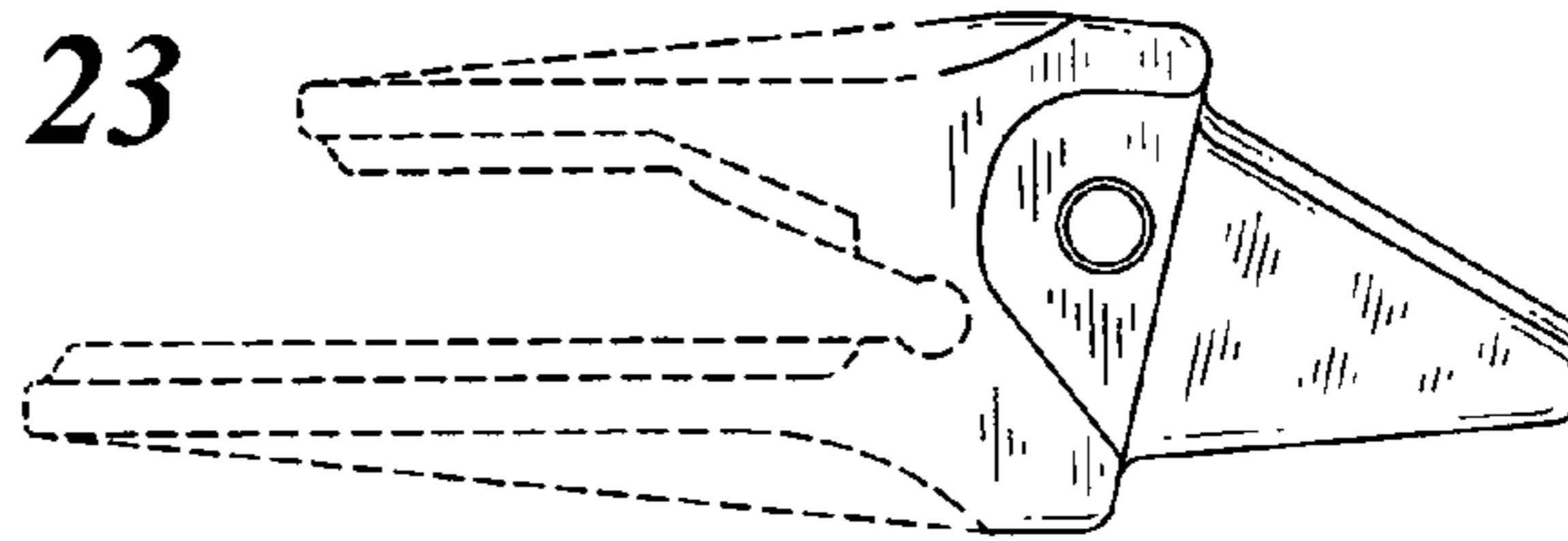


Fig. 25

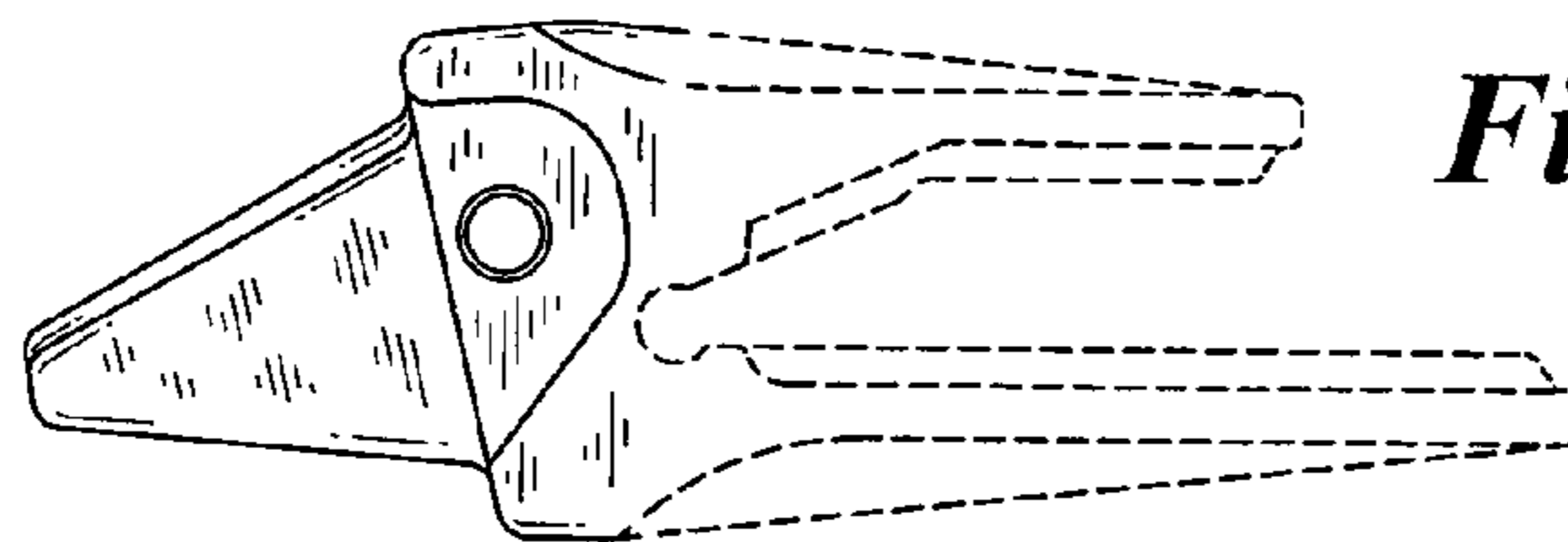


Fig. 24

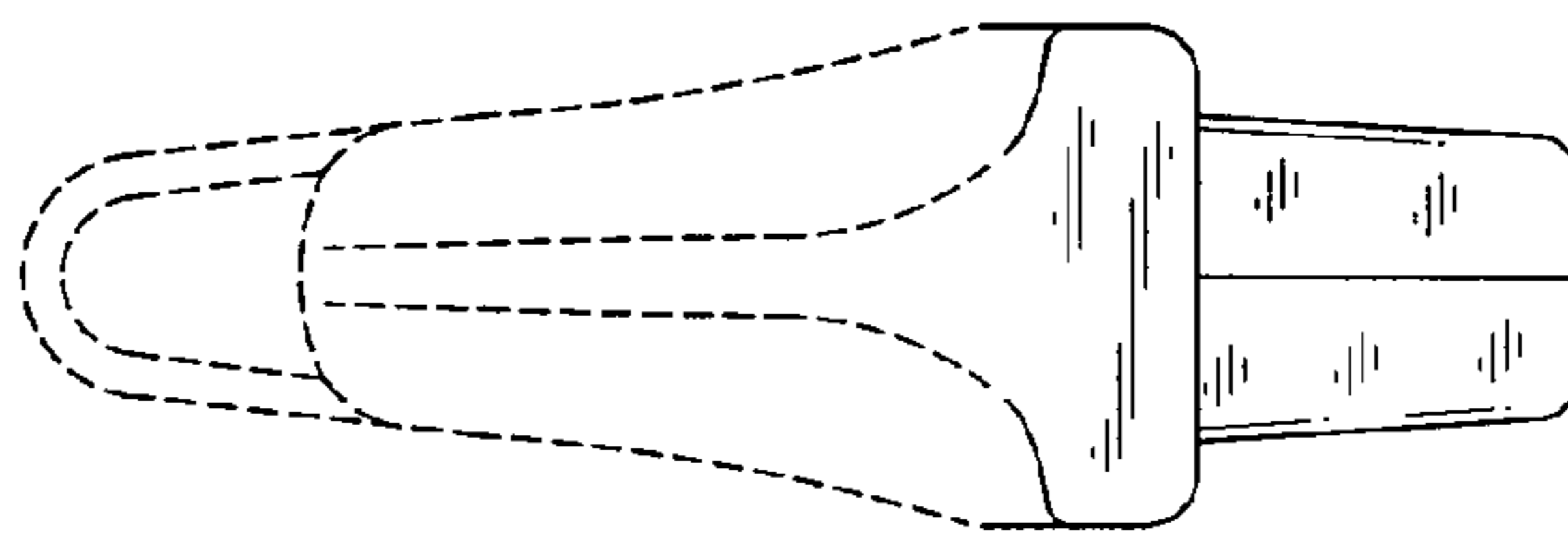


Fig. 26

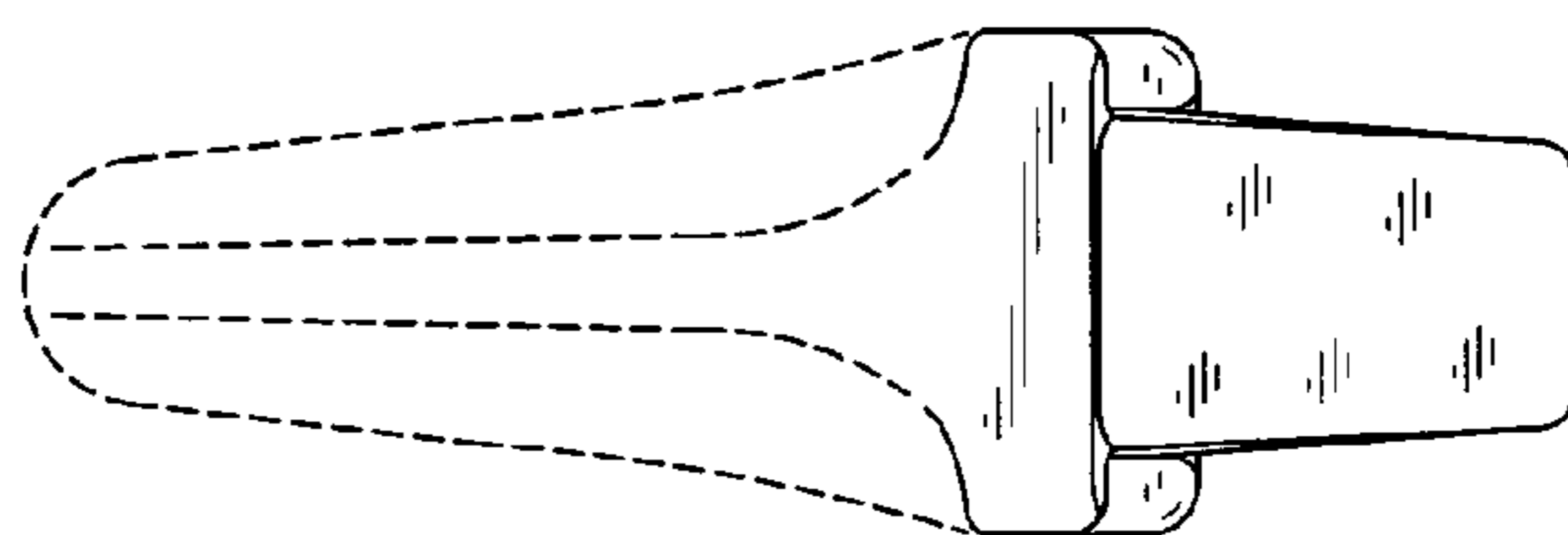


Fig. 27