



US00D853071S

(12) **United States Design Patent**
Grimm et al.

(10) **Patent No.:** **US D853,071 S**

(45) **Date of Patent:** **** Jul. 2, 2019**

(54) **CONVEYOR BELT SCRAPER BLADE**

(71) Applicant: **Superior Industries, Inc.**, Morris, MN (US)

(72) Inventors: **Lafe Grimm**, Hancock, MN (US); **Paul Schmidgall**, Morris, MN (US)

(73) Assignee: **Superior Industries, Inc.**, Morris, MN (US)

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

(21) Appl. No.: **29/611,236**

(22) Filed: **Jul. 19, 2017**

Related U.S. Application Data

(63) Continuation of application No. 15/226,887, filed on Aug. 2, 2016, now Pat. No. 9,738,456.

(51) **LOC (11) Cl.** **12-05**

(52) **U.S. Cl.**
USPC **D34/29; D34/35**

(58) **Field of Classification Search**
USPC D34/29, 35
CPC B65G 45/12; B65G 45/14; B65G 45/16;
B65G 45/26; B65G 45/20; B65G
2203/042

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,301,797 A * 4/1994 Hollyfield, Jr. B65G 45/16
198/499
D347,918 S * 6/1994 Gibbs D34/29
5,944,167 A * 8/1999 Brink B65G 45/12
198/497
D482,508 S * 11/2003 DeVries D34/35
D524,009 S * 6/2006 Smith D34/35
D594,623 S * 6/2009 Felton D34/35
D740,514 S * 10/2015 Peterson D34/29

D756,060 S * 5/2016 DeVries D34/29
9,738,456 B1 * 8/2017 Grimm B65G 45/16
2003/0230466 A1 * 12/2003 Swinderman B65G 45/12
198/497
2006/0021854 A1 * 2/2006 Waters B65G 45/12
198/497
2007/0089968 A1 * 4/2007 Swinderman B65G 45/12
198/497
2010/0126832 A1 * 5/2010 DeVries B08B 1/02
198/497

(Continued)

Primary Examiner — Cynthia Ramirez

(74) *Attorney, Agent, or Firm* — Todd R. Frank; Larkin Hoffman Daly & Lindgren, Ltd.

(57) **CLAIM**

The ornamental design for a conveyor belt scraper blade, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an embodiment of a conveyor belt scraper blade.

FIG. 2 is another perspective view of the conveyor belt scraper blade of FIG. 1.

FIG. 3 is a front elevation view of the conveyor belt scraper blade of FIG. 1.

FIG. 4 is a rear elevation view of the conveyor belt scraper blade of FIG. 1.

FIG. 5 is a right side elevation view of the conveyor belt scraper blade of FIG. 1.

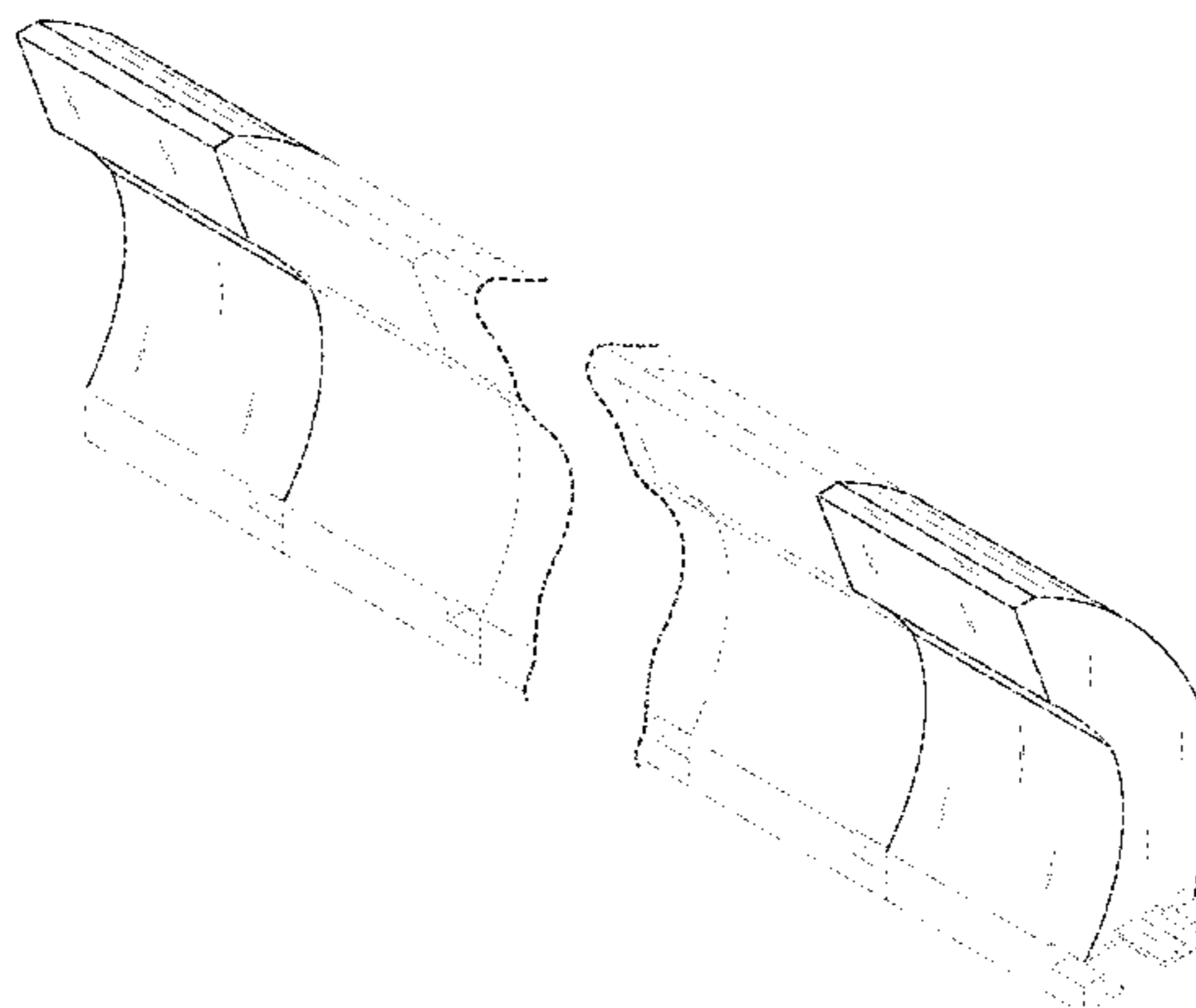
FIG. 6 is a left side elevation view of the conveyor belt scraper blade of FIG. 1.

FIG. 7 is a top view of the conveyor belt scraper blade of FIG. 1; and,

FIG. 8 is a bottom view of the conveyor belt scraper blade of FIG. 1.

The broken lines shown in the drawings illustrate portions of the conveyor belt scraper blade that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2011/0067197	A1*	3/2011	Mott	B65G 45/12 15/236.01
2015/0274434	A1*	10/2015	DeVries	B65G 45/14 198/497
2016/0052723	A1*	2/2016	Peterson	B23K 26/38 198/497
2018/0222687	A1*	8/2018	Christian	B65G 45/12

* cited by examiner

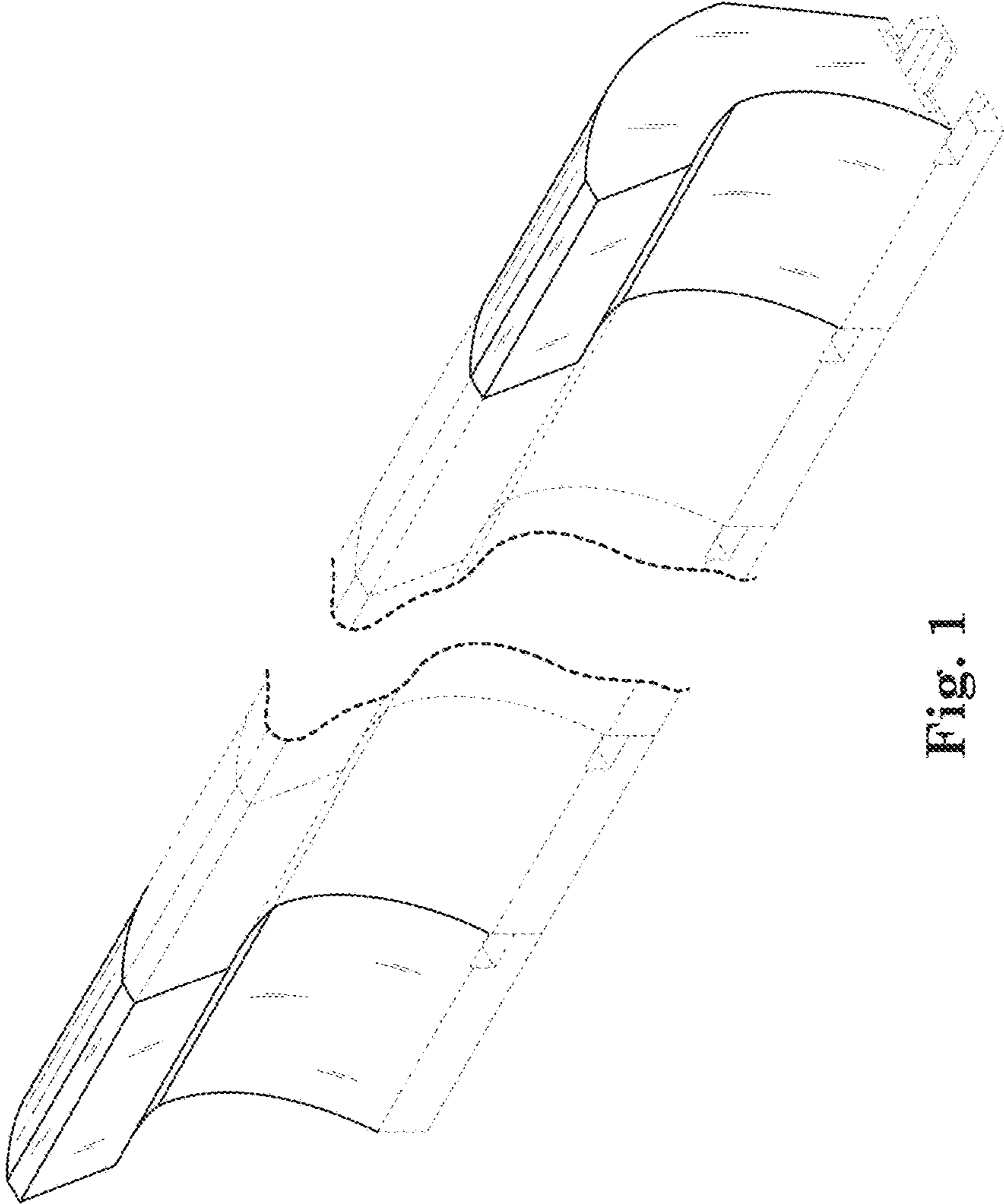


Fig. 1

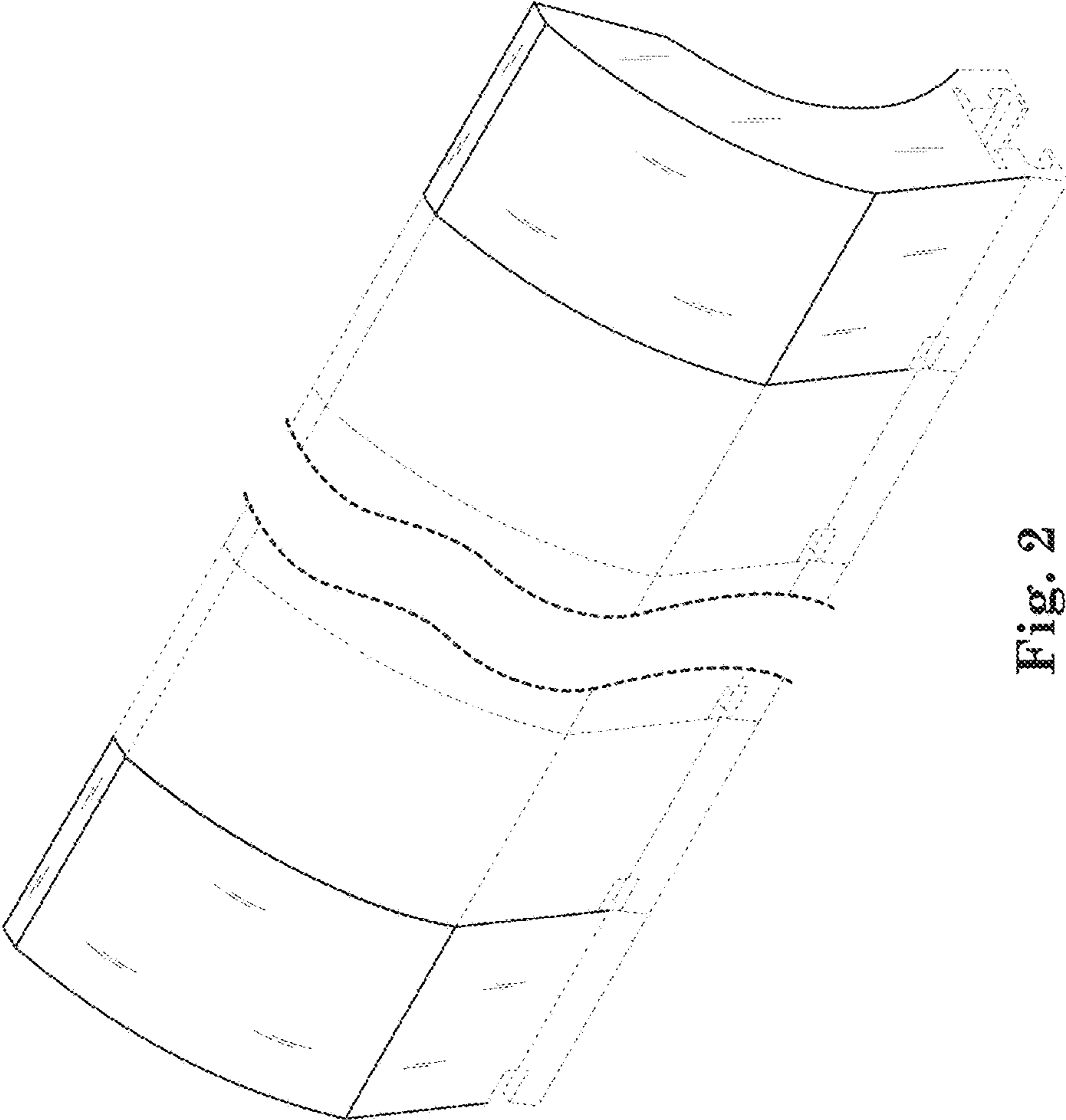


Fig. 2

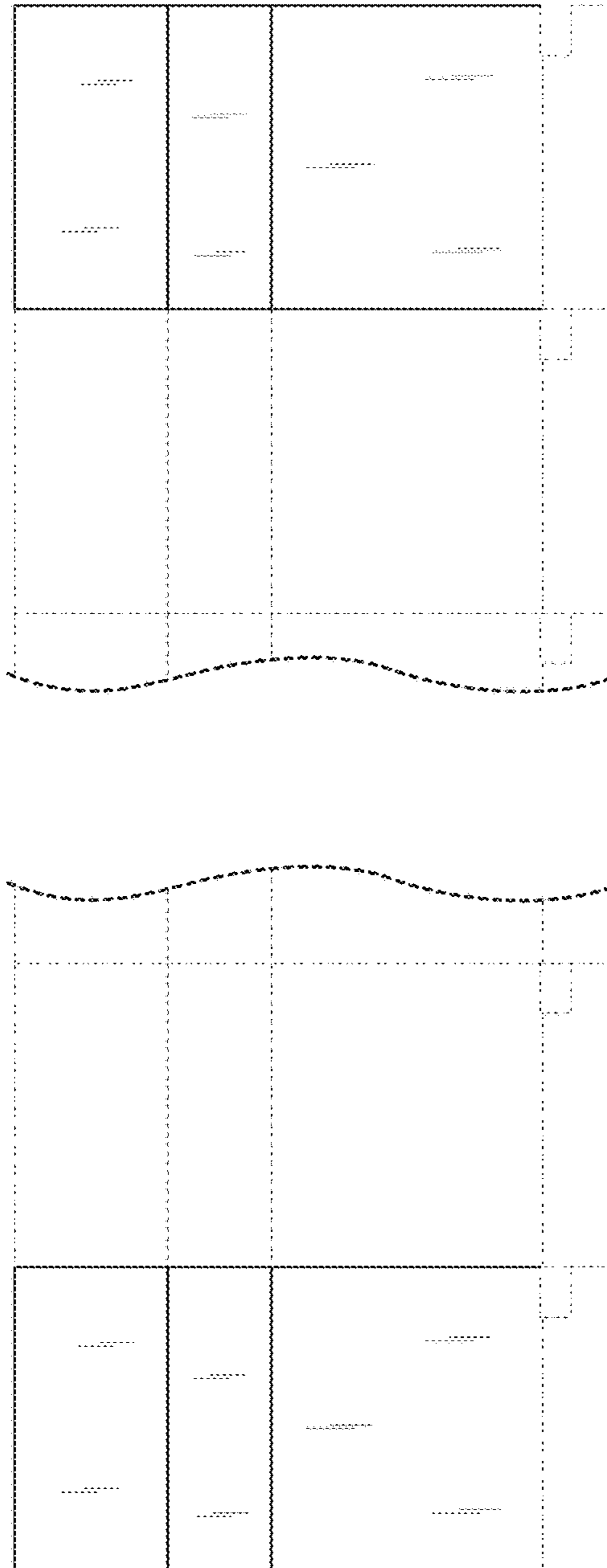


Fig. 3

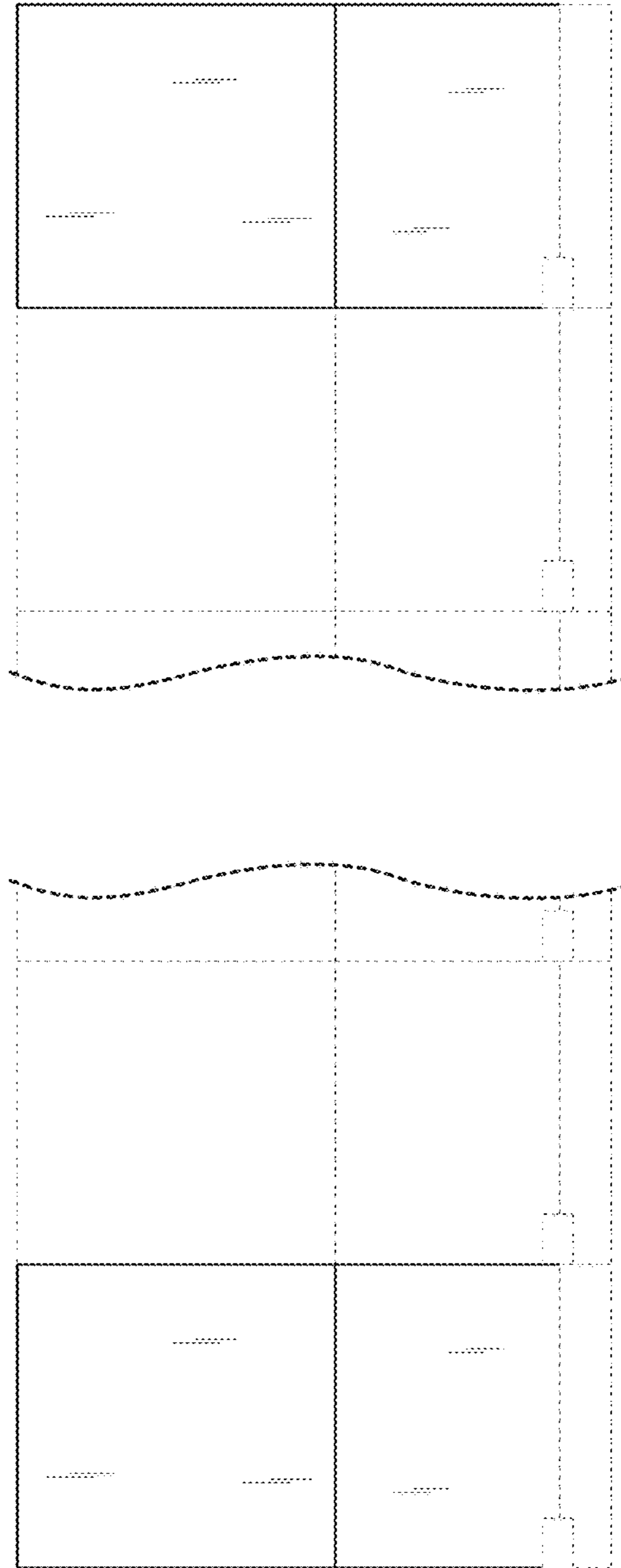


Fig. 4

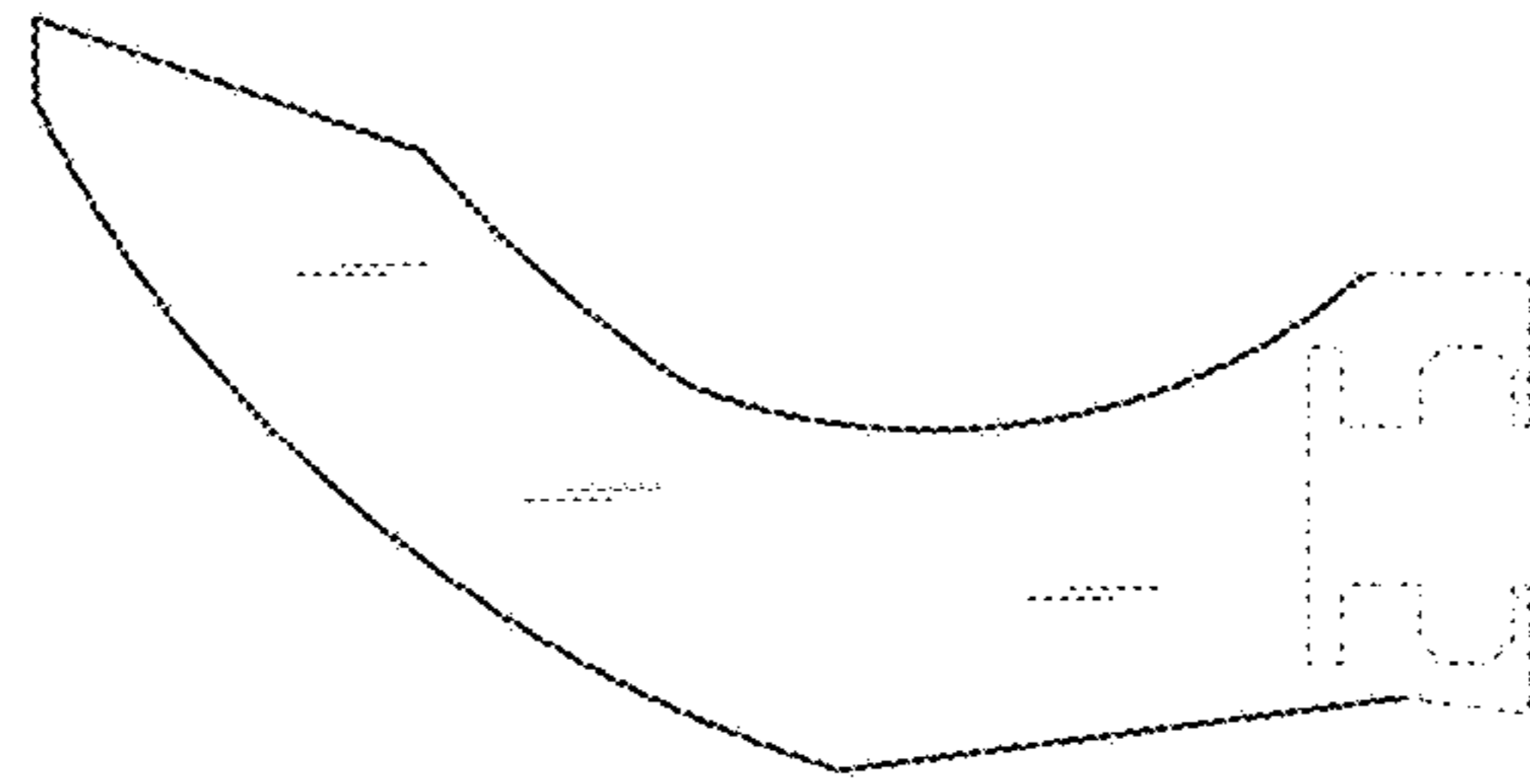


Fig. 6

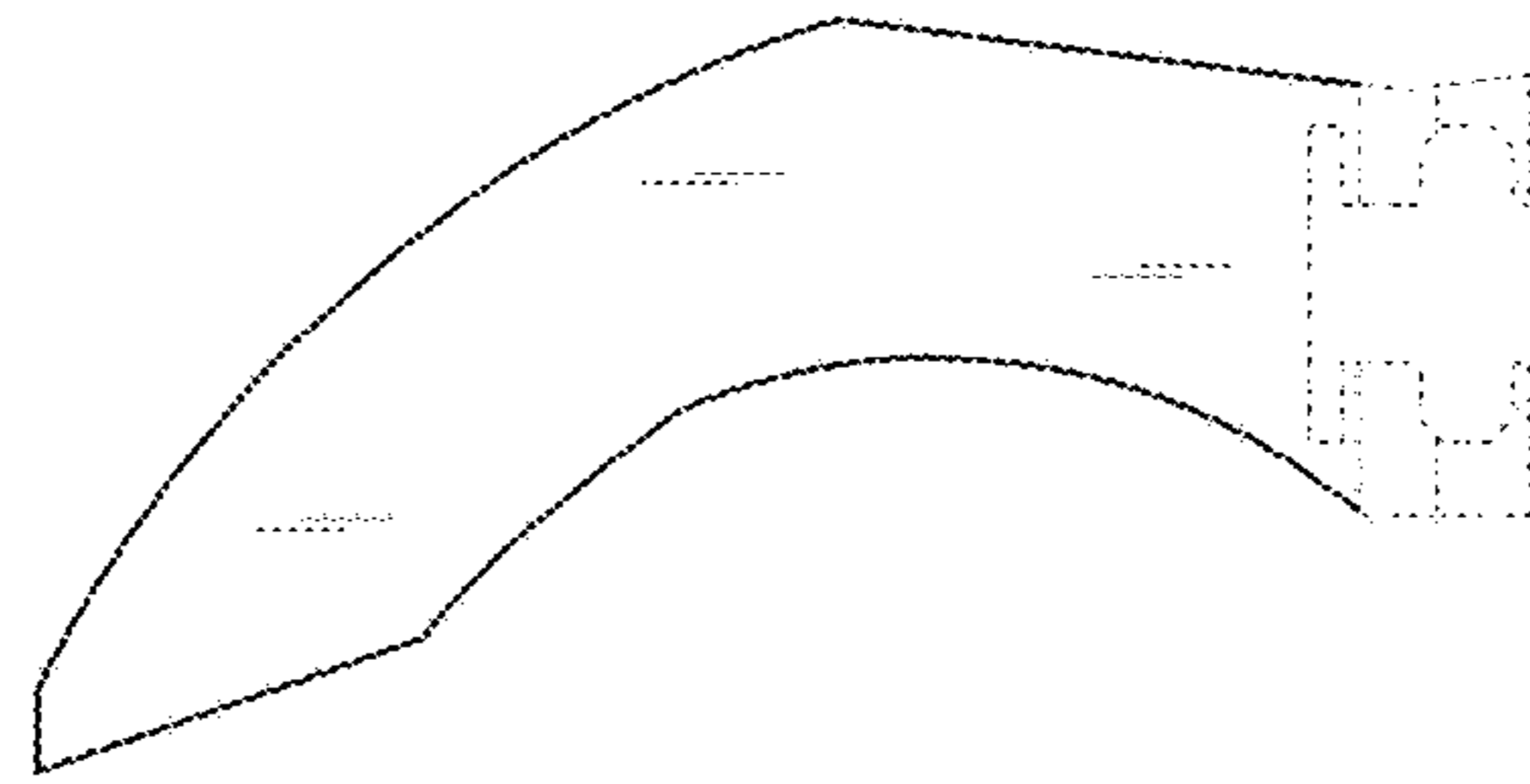


Fig. 5

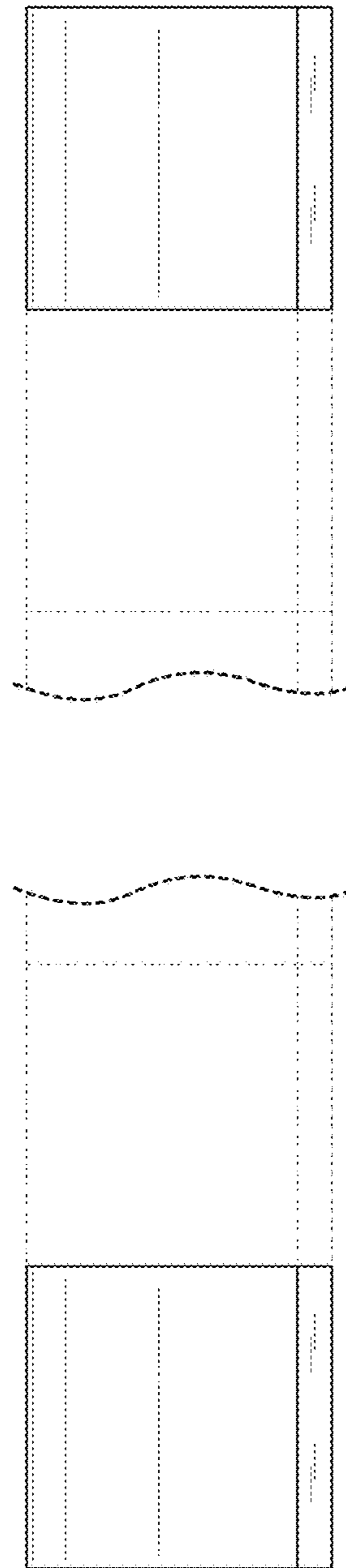


Fig. 7

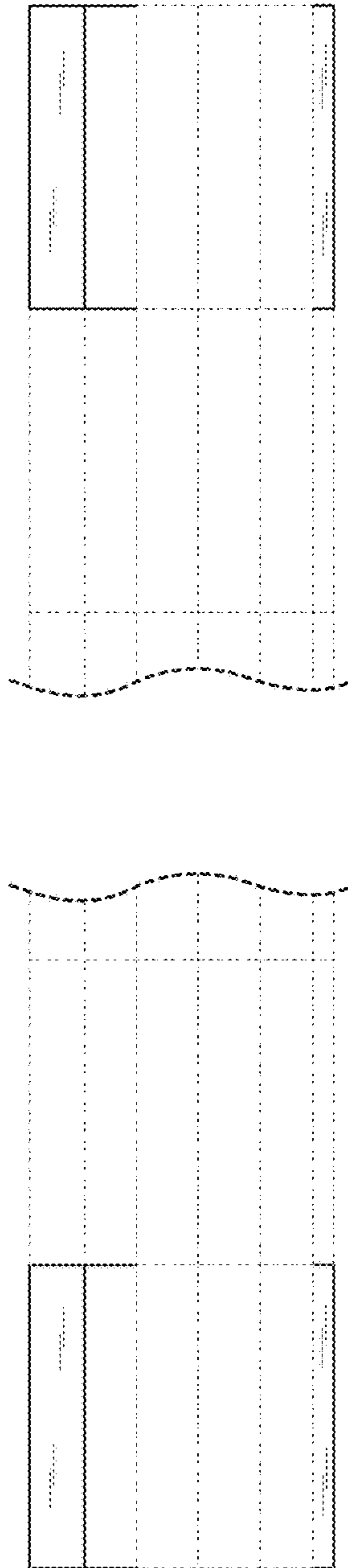


Fig. 8