

US00D951484S

(12)

United States Design Patent

Schoonover et al.

(10)

Patent No.:

US D951,484 S

(45)

Date of Patent:

** May 10, 2022

(54) RETENTION CONNECTION EXTRUSION
FOR A PINCH SENSOR

(71) Applicant: Vintech Industries, Inc., Imlay City,
MI (US)

(72) Inventors: James Schoonover, Shelby Township,
MI (US); Robert Rutoski, Imlay City,
MI (US)

(73) Assignee: Vintech Industries Inc., Imlay City, MI
(US)

(**) Term: 15 Years

(21) Appl. No.: 29/753,427

(22) Filed: Sep. 30, 2020

Related U.S. Application Data

(62) Division of application No. 29/594,924, filed on Feb.
23, 2017, now Pat. No. Des. 901,718.

(51) LOC (13) Cl. 25-02

(52) U.S. Cl.
USPC D25/48.2; D25/121

(58) Field of Classification Search
USPC D8/382, 354, 355, 400, 403, 376;
D12/190; D25/35, 38.1, 41.1, 42, 43, 44,
D25/47.1, 48.1, 48.4, 58, 119–123, 125,
D25/136, 137, 164, 199, 48.2, 61, 55
CPC E02D 29/16; E04B 1/6803; E04B 1/6813;
E04B 2/74; E01C 11/10; E01C 11/106;
B60R 13/06; E06B 3/285; E04F 13/0889;
B60J 10/24; B62D 25/2054; E04G 17/004
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

3,973,371 A * 8/1976 Heller E04B 2/74
52/280

D242,625 S * 12/1976 Schmidt B62D 25/2054
D25/121

D246,889 S * 1/1978 Eckerline E04F 13/0889
D25/121

4,189,880 A * 2/1980 Ballin E06B 3/285
160/380

4,533,278 A * 8/1985 Corsover E01C 11/10
404/65

D309,351 S * 7/1990 Patsy, Jr. E04G 17/004
D25/119

D324,329 S * 3/1992 Kleiss D25/131

5,155,952 A * 10/1992 Herwegh E04B 1/6803
52/100

(Continued)

Primary Examiner — Susan E Krakower

Assistant Examiner — Jerry Shiuan-Hua Hsu

(74) Attorney, Agent, or Firm — Warn Partners, P.C.

(57)

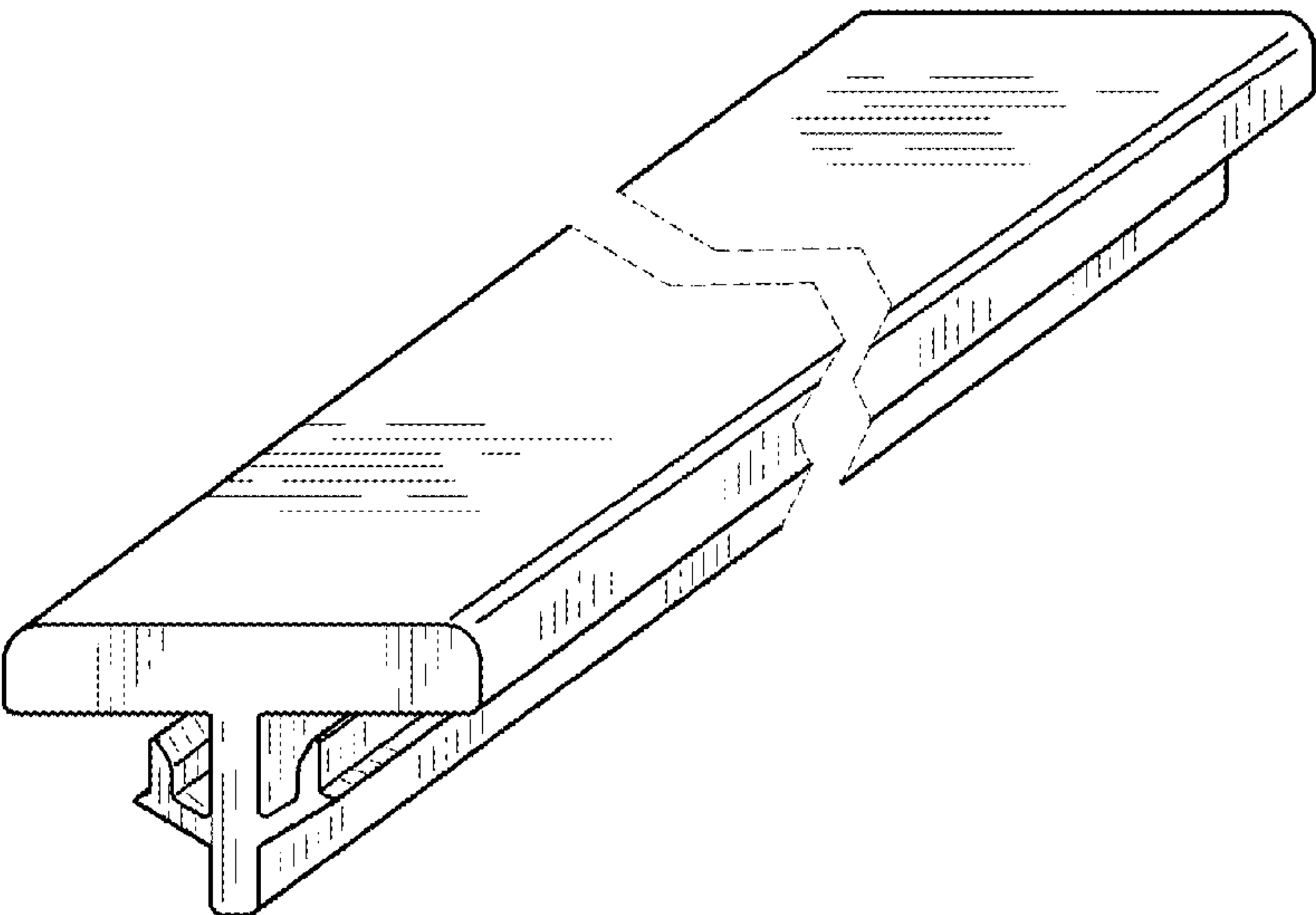
CLAIM

The ornamental design for a retention connection extrusion
for a pinch sensor, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a retention connection
extrusion for a pinch sensor, showing our new design;
FIG. 2 is a front elevation view thereof, shown in a condition
of use;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a right side elevation view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a left side elevation view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a rear elevation view thereof.
The broken lines showing symbolic breaks, illustrate bound-
ary lines, which form no part of the claimed design. The
broken lines, in FIG. 2, illustrate environmental structure
that forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,197,250 A * 3/1993 Kramer E01C 11/10
404/65

D344,809 S * 3/1994 Bancroft D25/121

D388,183 S * 12/1997 Payton D25/121

5,888,017 A * 3/1999 Corrie E01C 11/106
404/64

D418,353 S * 1/2000 Cadorette D25/119

D499,819 S * 12/2004 Glatz D25/164

D577,445 S * 9/2008 Durrant D25/164

D621,076 S * 8/2010 Vibiano D25/164

D621,245 S * 8/2010 Heindl D8/382

D622,579 S * 8/2010 Heindl E01C 11/106
D8/382

8,132,380 B2 * 3/2012 Wilkes, Jr. E04B 1/6813
52/396.04

D696,795 S * 12/2013 Mossman D25/125

D767,980 S * 10/2016 Bilge E01C 11/10
D8/382

D791,353 S * 7/2017 Singh E06B 3/285
D25/119

D831,474 S * 10/2018 Littrell D8/382

10,132,091 B2 * 11/2018 Wilkes, Jr. E04G 17/004

D860,087 S * 9/2019 Schoonover E04B 2/74
D12/190

D872,906 S * 1/2020 Oetlinger D25/199

D901,718 S * 11/2020 Schoonover B05B 12/20
D25/48.2

D902,684 S * 11/2020 Barraco B05B 12/20
D8/71

2006/0283117 A1 * 12/2006 Williams E04F 13/0889
52/393

2011/0080017 A1 * 4/2011 Olson B62D 25/2054
296/57.1

2015/0068128 A1 * 3/2015 Baxter B60J 10/24
49/480.1

* cited by examiner

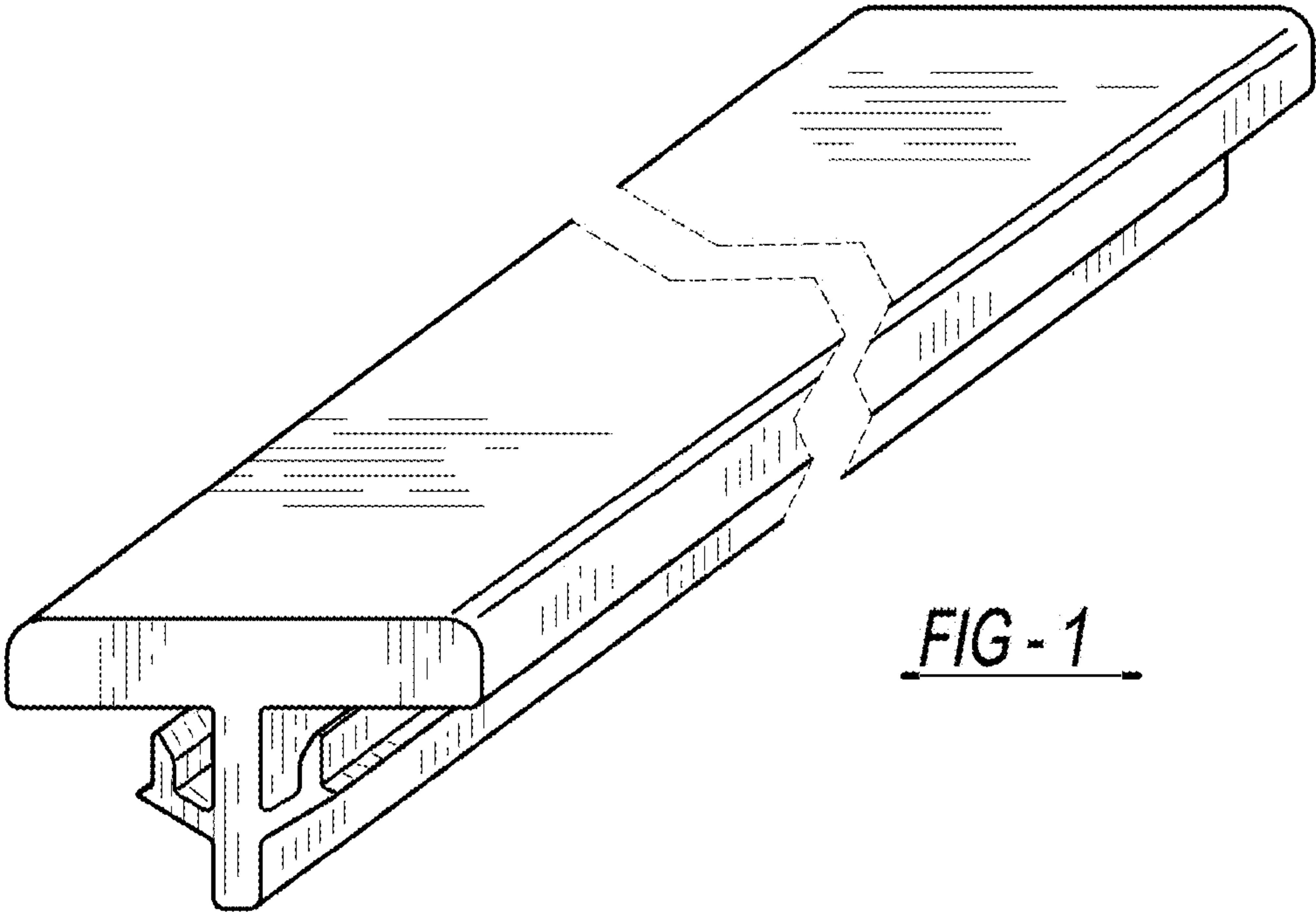


FIG - 1

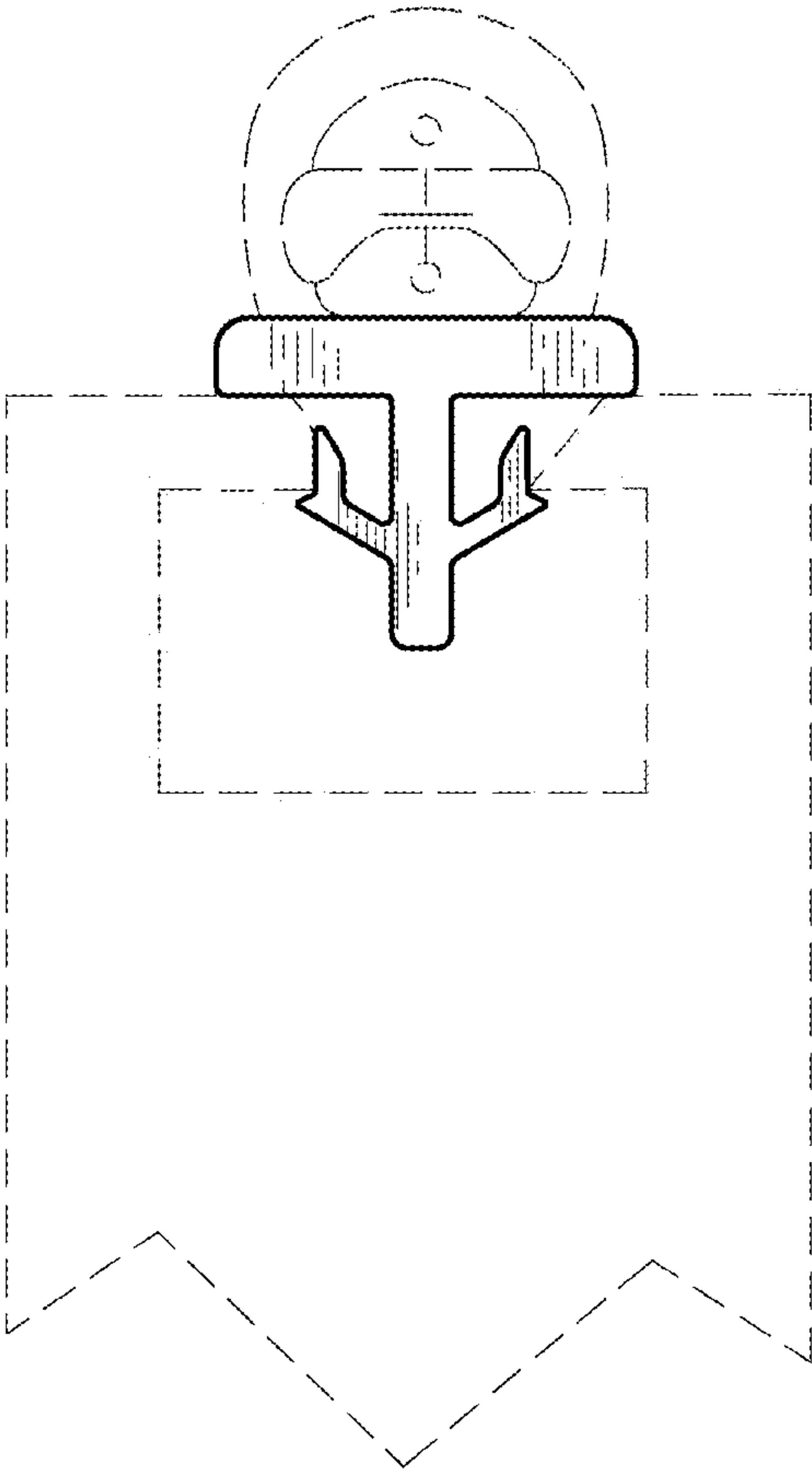


FIG - 2

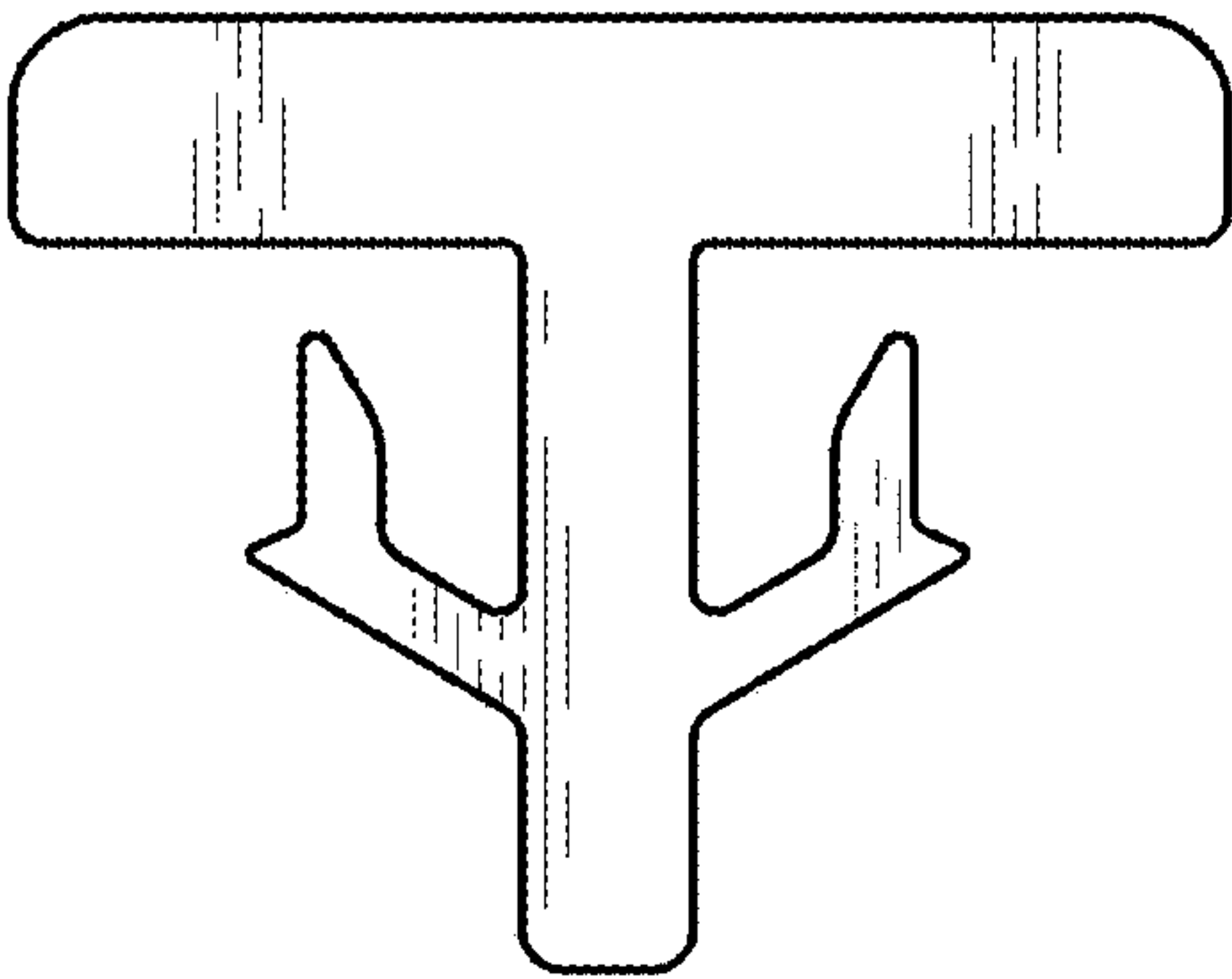


FIG - 3

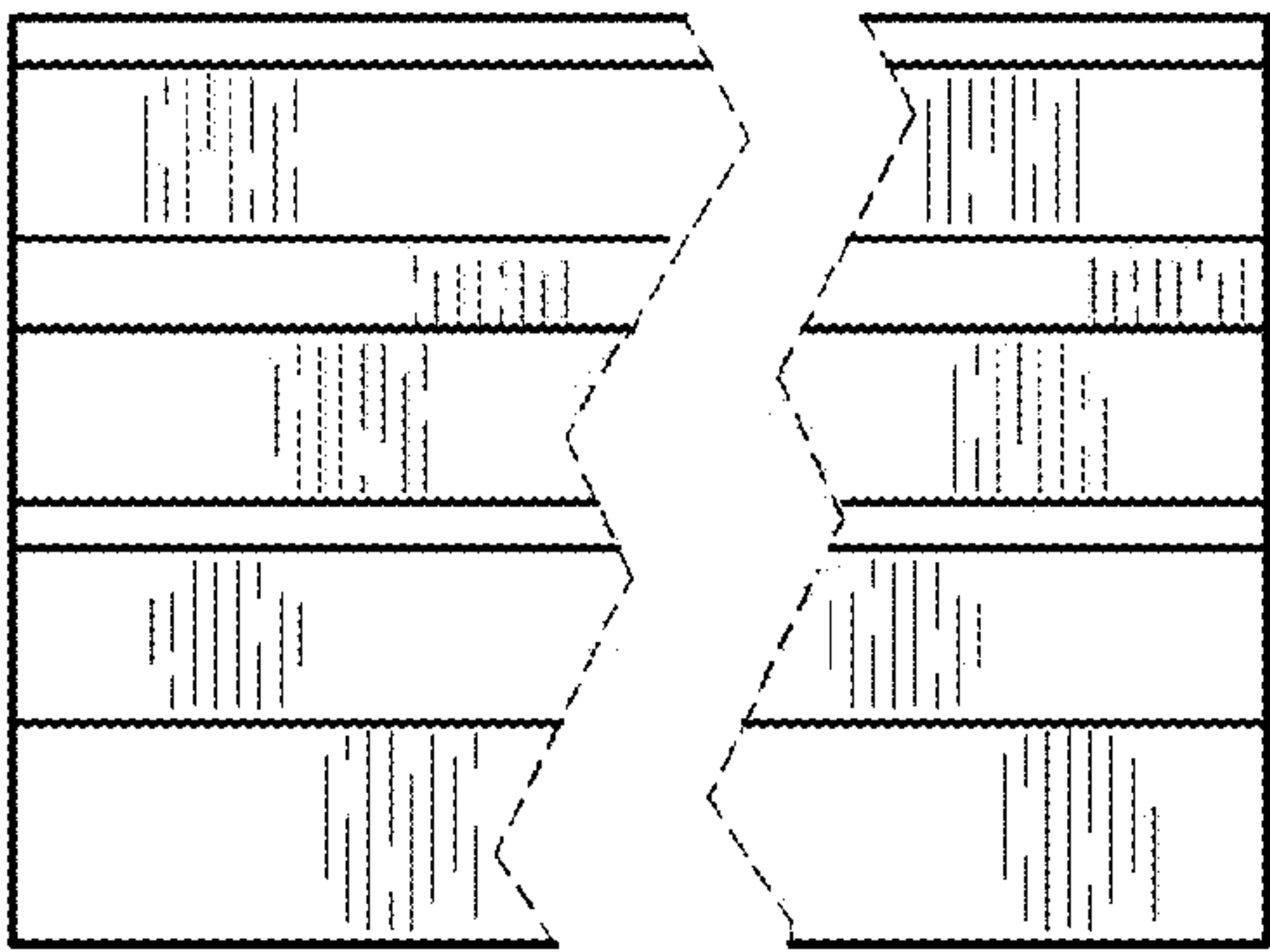


FIG - 4

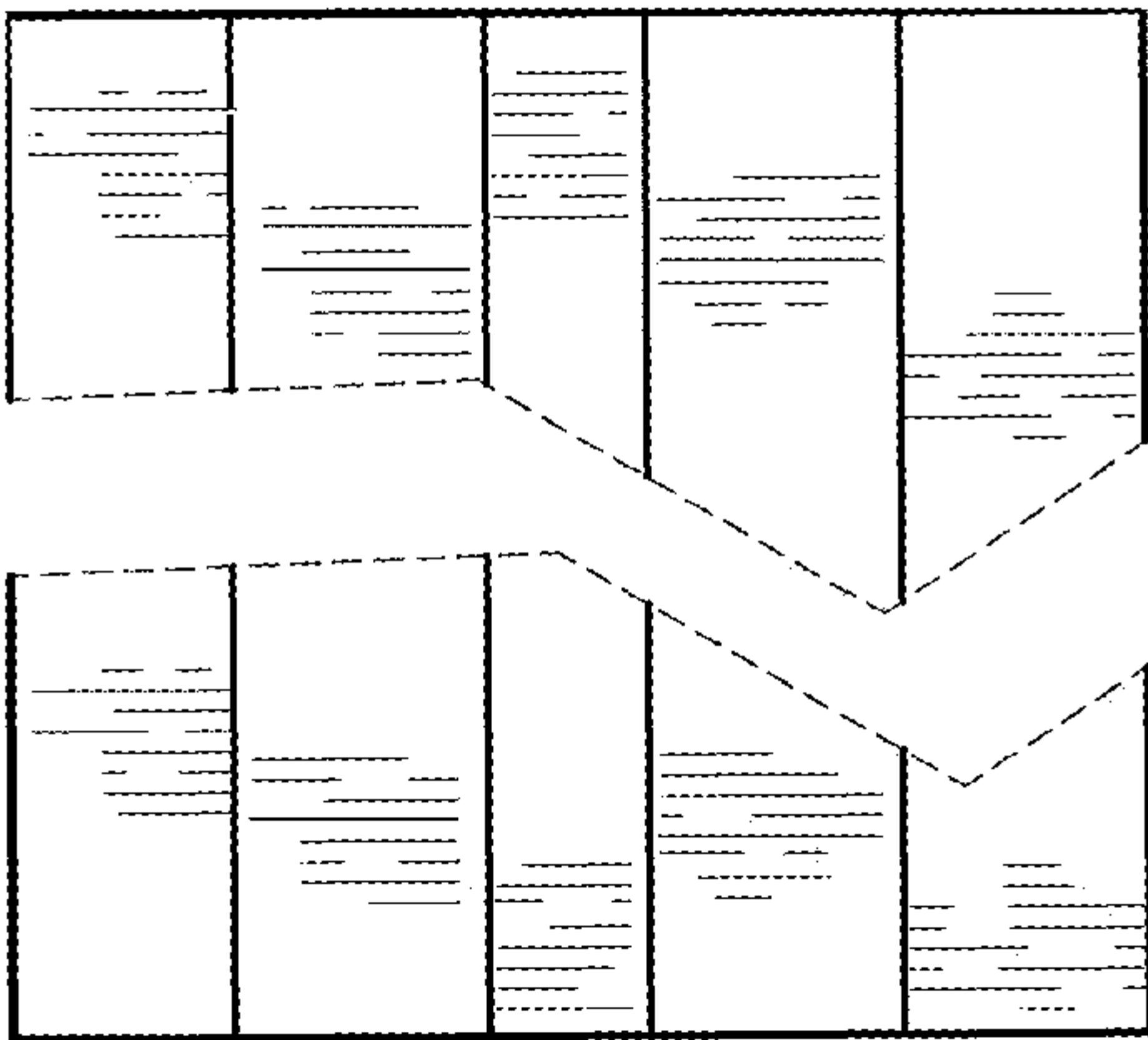


FIG - 5

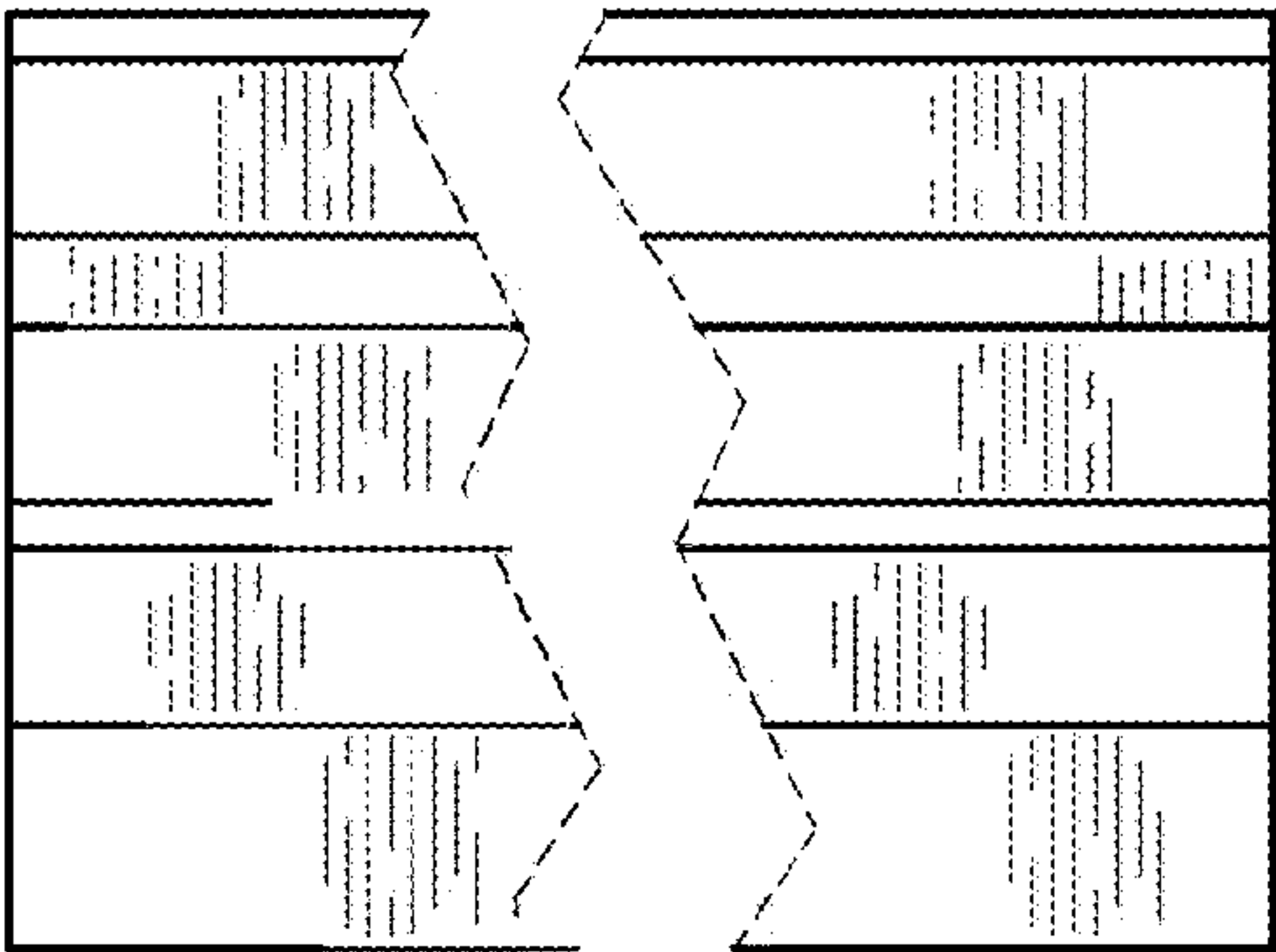


FIG - 6

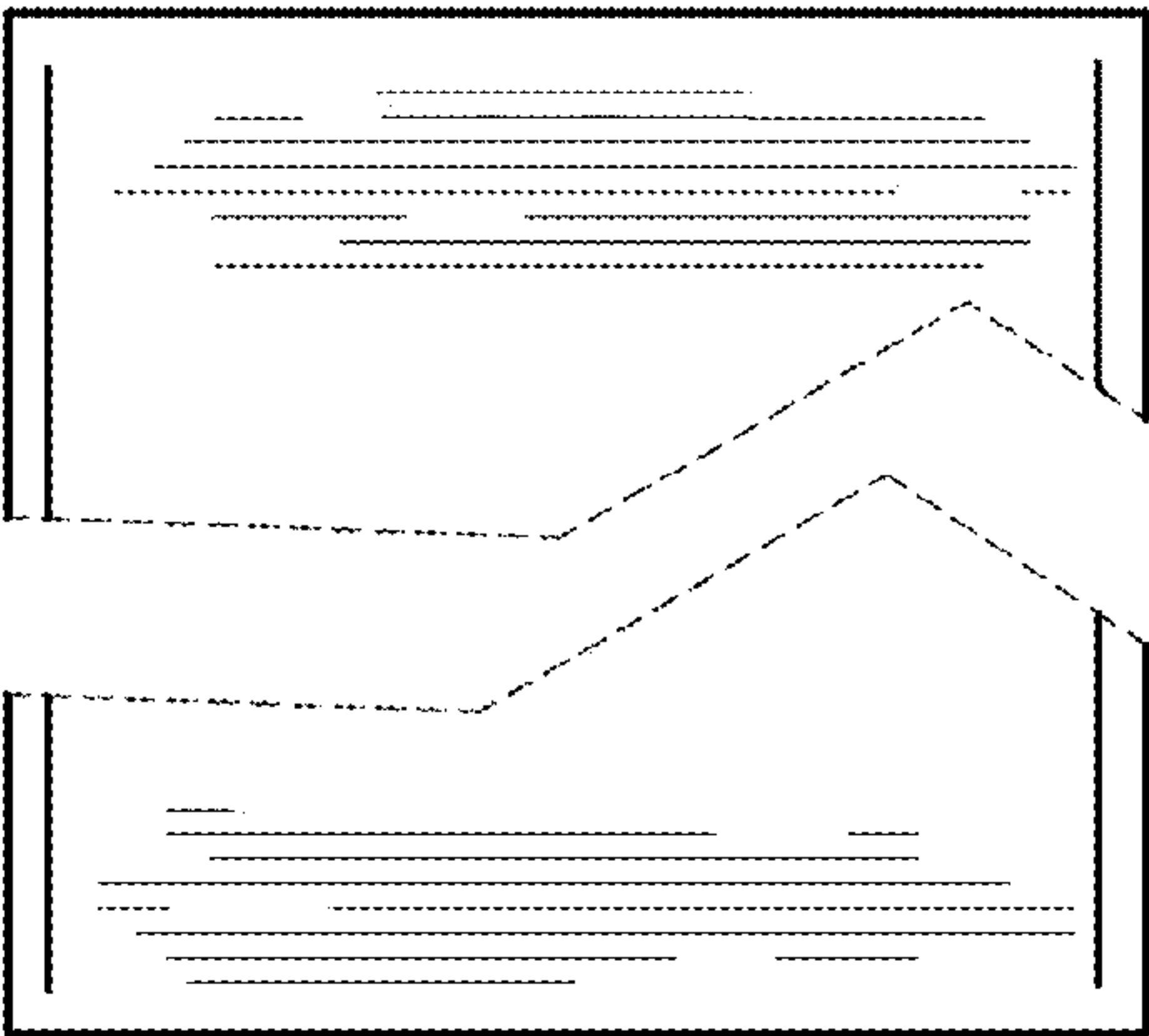


FIG - 7

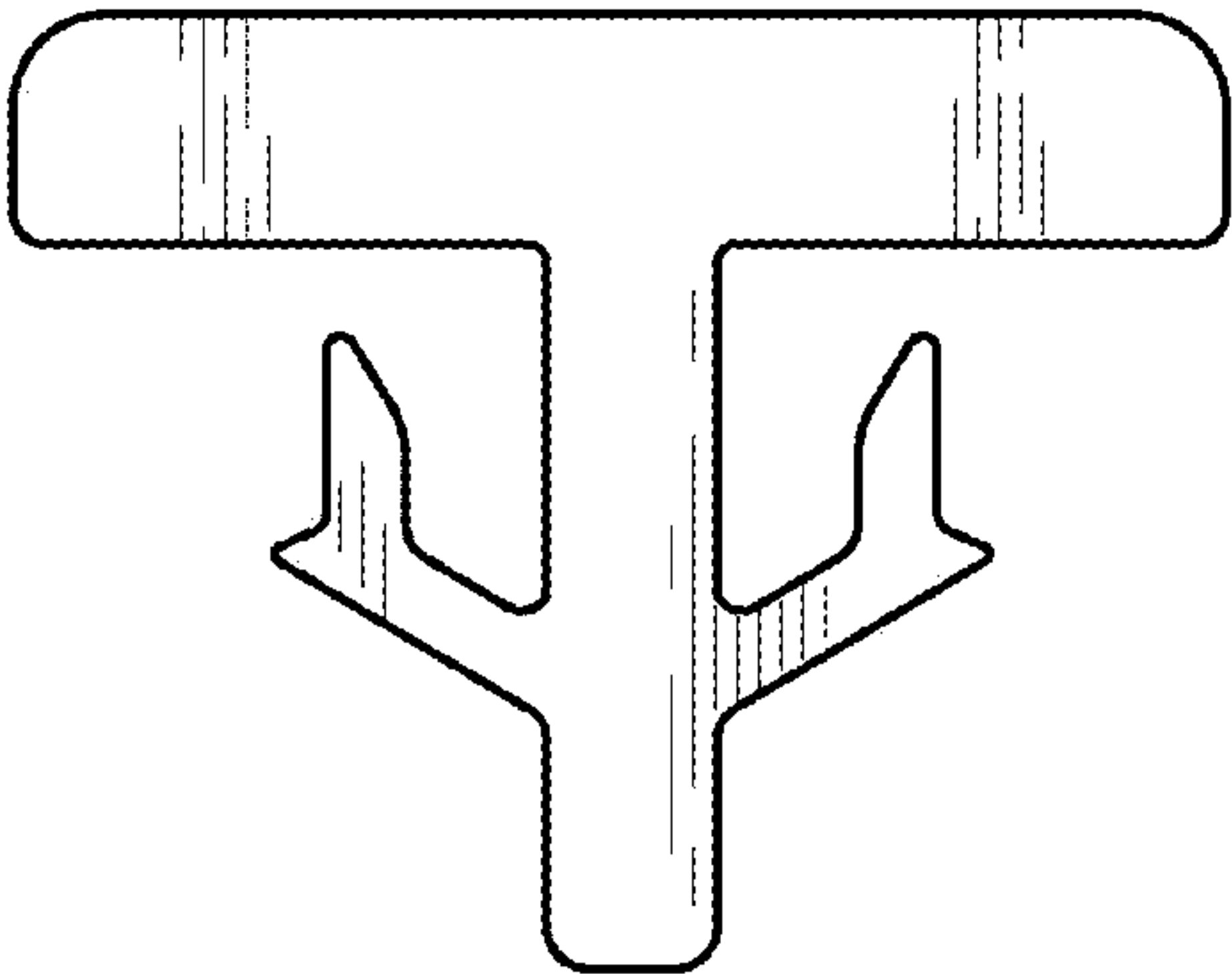


FIG - 8