



US00D887553S

(12) **United States Design Patent** (10) **Patent No.:** **US D887,553 S**
Huberty et al. (45) **Date of Patent:** **** Jun. 16, 2020**

(54) **RESPIRATOR FILTER**
(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)
(72) Inventors: **John S. Huberty**, St. Paul, MN (US); **Jennifer A. Chaisson**, Kemptville (CA); **Gary E. Dwyer**, Mallorytown (CA); **Denise L. Goddard**, Woodbury, MN (US)
(73) Assignee: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)
(**) Term: **15 Years**

3,154,073 A * 10/1964 Klinger A62B 23/025
128/206.12
D449,679 S * 10/2001 Smith D23/365
D632,560 S * 2/2011 Caldwell D9/425
D716,958 S * 11/2014 Thomas D24/200
D732,670 S 6/2015 Dwyer
D745,962 S * 12/2015 Dwyer D24/110.1
D746,438 S * 12/2015 Dwyer D24/110.1
D747,470 S * 1/2016 Blomberg D24/127
D757,247 S * 5/2016 Dwyer D24/110.1
D757,928 S * 5/2016 Blomberg D24/110.1
D762,845 S * 8/2016 Dwyer D24/110.1
D763,437 S * 8/2016 Dwyer D24/110.1
D779,674 S 2/2017 Blomberg et al.
D786,443 S 5/2017 Blomberg et al.
D792,959 S 7/2017 Huberty et al.
D795,415 S * 8/2017 Blomberg D24/110.1
D807,509 S * 1/2018 Moulton D24/164

(Continued)

(21) Appl. No.: **29/643,063**
(22) Filed: **Apr. 4, 2018**

FOREIGN PATENT DOCUMENTS

(51) **LOC (12) Cl.** **29-02**
(52) **U.S. Cl.**
USPC **D24/162; D24/110.1**
(58) **Field of Classification Search**
USPC D24/110.1-110.4, 127, 162, 164, 110;
D29/102, 107, 108, 110, 129, 122
CPC A62B 18/006; A62B 7/10; A62B 18/045;
A62B 18/08; A62B 18/04; A62B 3/288;
A62B 18/02; A62B 18/00; A62B 3/225;
A62B 3/286; A62B 23/025; A62B
18/025; A62B 23/02; A62B 17/04; A62B
19/00; A61M 16/06; A61M 16/0622
See application file for complete search history.

CN	302975964	10/2014
JP	1015725	7/1998
KR	30-0726278	1/2014

Primary Examiner — Lilyana Bekic
(74) *Attorney, Agent, or Firm* — Johannes P. M. Kusters

(57) **CLAIM**

The ornamental design for a respirator filter, as shown and described.

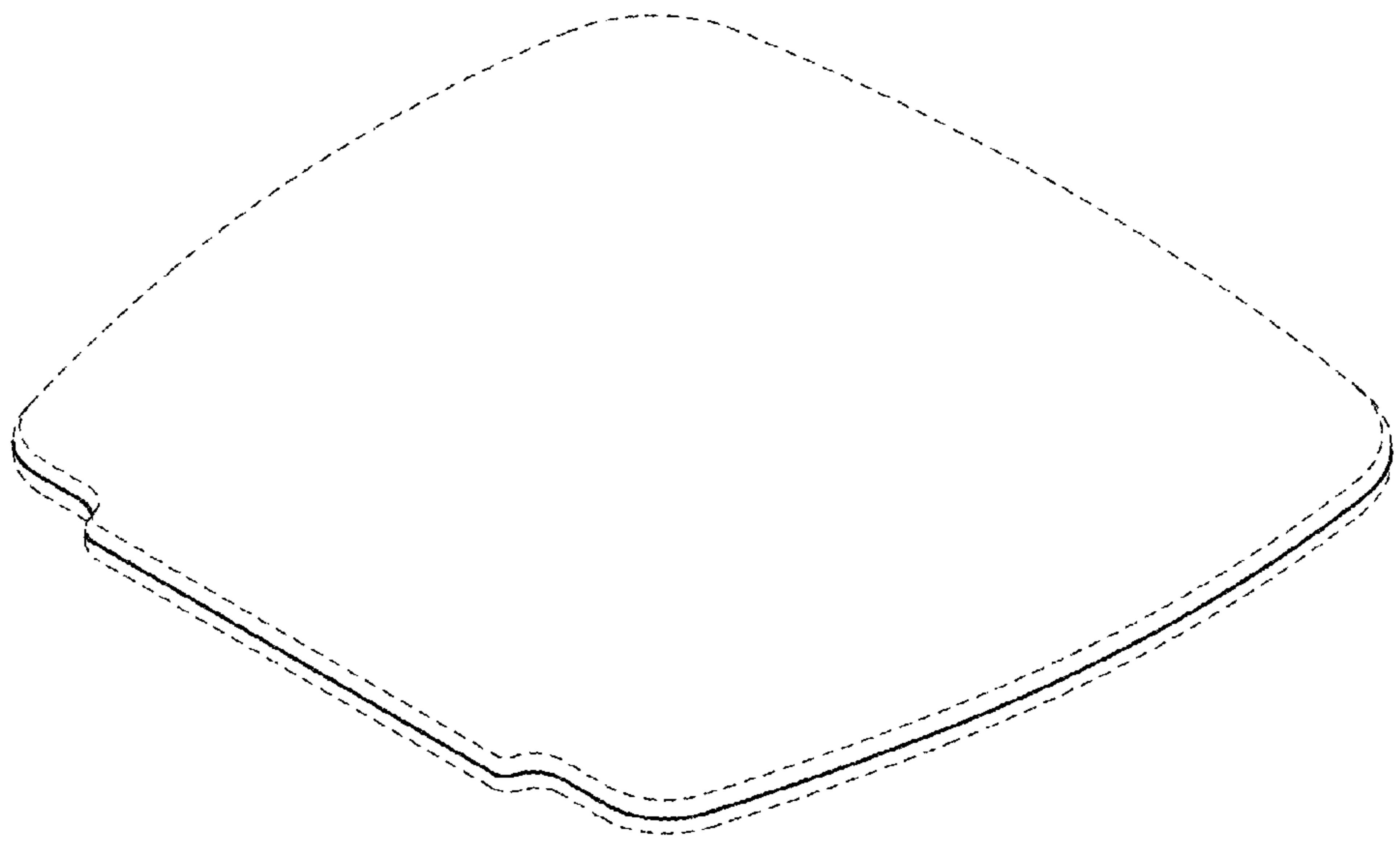
DESCRIPTION

FIG. 1 is a perspective view showing the new design for a respirator filter;
FIG. 2 is a top view thereof;
FIG. 3 is a right side view thereof, the left side view being a mirror image thereof;
FIG. 4 is a back view thereof; and,
FIG. 5 is a front view thereof.

The broken lines in the drawings depict portions of the respirator filter that form no part of the claimed design.

1 Claim, 1 Drawing Sheet

(56) **References Cited**
U.S. PATENT DOCUMENTS
D107,898 S * 1/1938 Wewetzer D28/78
2,845,926 A * 8/1958 Hill A62B 23/025
128/206.17
2,845,927 A * 8/1958 Hill A62B 23/025
128/206.17



(56)

References Cited

U.S. PATENT DOCUMENTS

D840,606 S * 2/2019 Berggren D29/122
2010/0294274 A1 * 11/2010 Poirier A62B 18/088
128/202.22
2011/0284006 A1 * 11/2011 Legare A62B 7/10
128/205.27
2013/0125896 A1 * 5/2013 Dwyer A62B 18/02
128/206.17
2014/0034049 A1 * 2/2014 Castiglione A62B 9/04
128/202.27
2014/0216473 A1 * 8/2014 Dwyer A62B 18/10
128/863
2014/0216475 A1 * 8/2014 Blomberg A62B 19/00
128/863
2015/0336718 A1 * 11/2015 Dwyer A62B 23/02
128/206.16
2018/0008848 A1 * 1/2018 Moulton A62B 23/025
2018/0043191 A1 * 2/2018 Huberty A62B 23/02
2018/0339178 A1 * 11/2018 Flannigan A62B 18/025
2019/0083823 A1 * 3/2019 Castiglione A62B 27/00

* cited by examiner

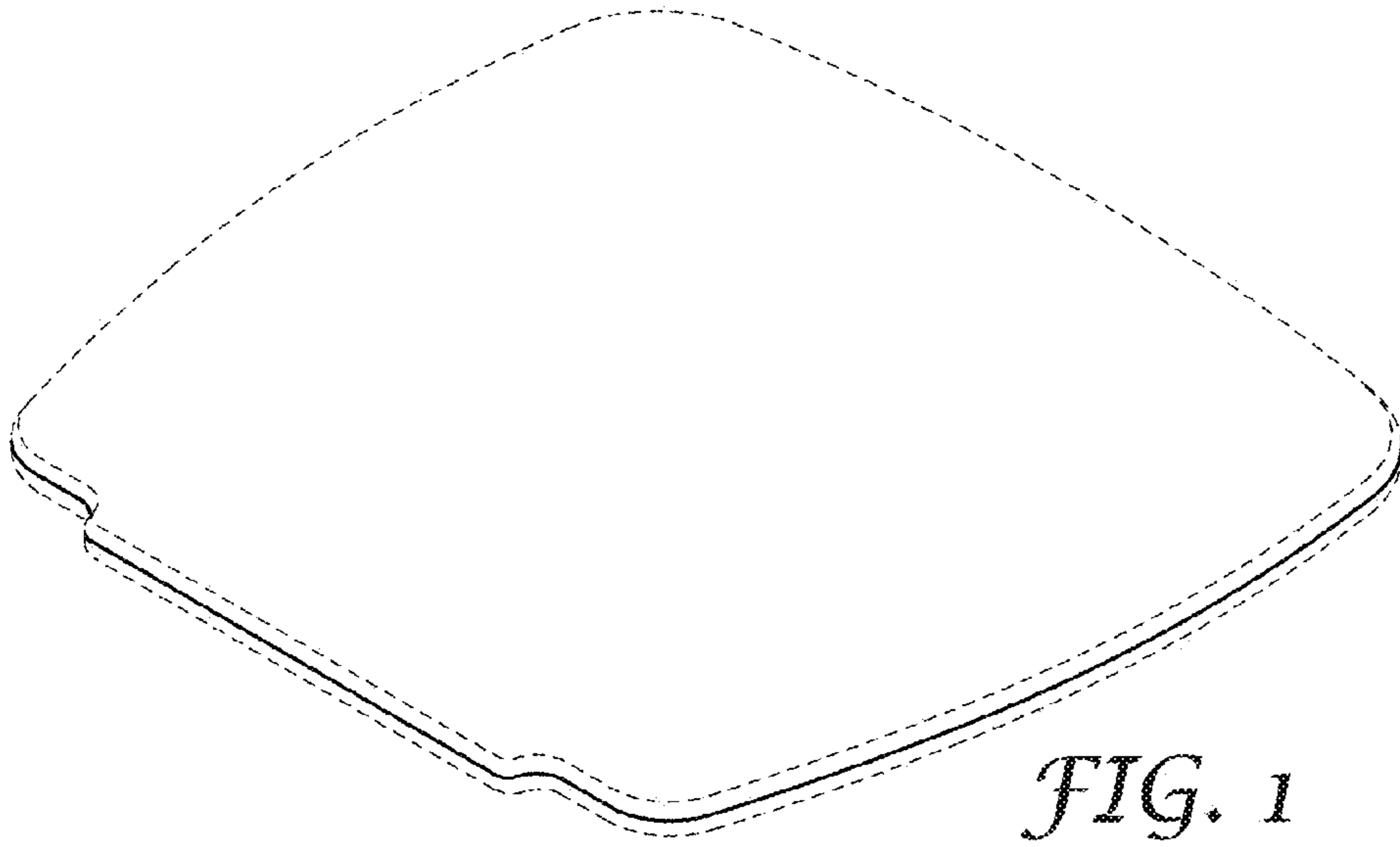


FIG. 1

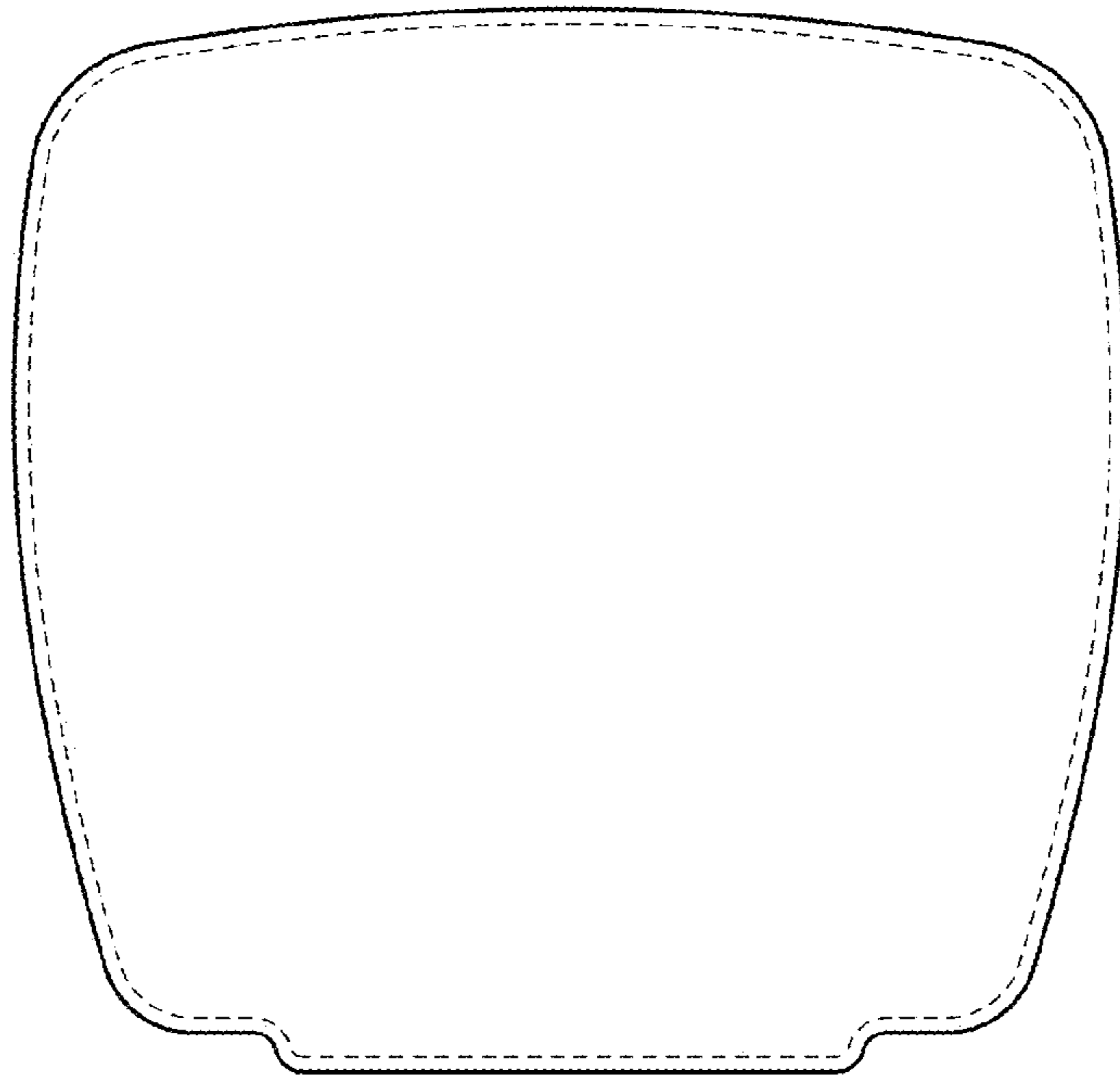


FIG. 2

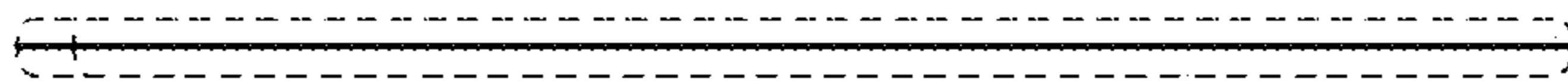


FIG. 3

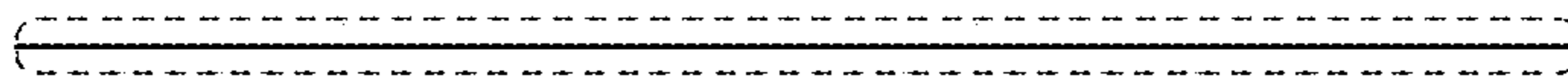


FIG. 4

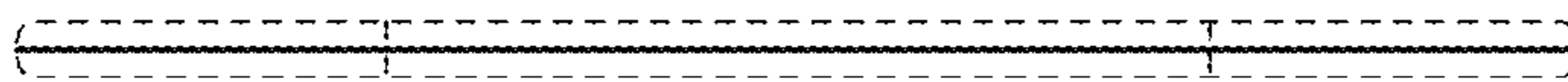


FIG. 5