



US00D920142S

(12) **United States Design Patent** (10) **Patent No.:** **US D920,142 S**
Xu (45) **Date of Patent:** **** May 25, 2021**

(54) **ON-BOARD MONITOR**

(71) Applicant: **Zupeng Xu**, Henan (CN)

(72) Inventor: **Zupeng Xu**, Henan (CN)

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

(21) Appl. No.: **29/639,790**

(22) Filed: **Mar. 8, 2018**

(51) **LOC (13) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/65**; D14/399; D14/341

(58) **Field of Classification Search**
USPC D14/315–318, 341–347, 420, 426, 240,
D14/129–130, 496, 137, 138 R, 138 AA,
D14/138 AB, 138 AC, 138 AD, 138 C,
D14/138 G, 147, 203.1–203.8, 218, 247,
D14/371, 248, 388–389, 374, 429, 453;
D6/308, 310; D10/104.1, 50, 65;
D18/6–7; D19/26, 59, 60; D21/324,
D21/329, 330, 332

CPC G06F 1/1626; G06F 1/1613; G06F 3/0488;
G06F 3/04886; G06F 3/041; G06F
3/0412; G06F 3/0416; H04M 1/725;
H04M 1/0202; H04M 1/0266; G05D
1/0088

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,084,932 B1 * 8/2006 Mathias B60R 11/0211
296/37.7
D582,916 S * 12/2008 Wada D14/371
D584,738 S * 1/2009 Kim D14/496
D587,267 S * 2/2009 Wang D14/356
D596,173 S * 7/2009 Arfin D14/307
D603,278 S * 11/2009 Jerbi D10/65
D628,913 S * 12/2010 Cheng D10/65
D645,831 S * 9/2011 McManigal D14/126
D648,233 S * 11/2011 Lenz D10/65

D654,074 S * 2/2012 Wood D14/341
D654,497 S * 2/2012 Lee D14/341
D654,498 S * 2/2012 Hwang D14/341
D663,298 S * 7/2012 Song D14/341
D667,395 S * 9/2012 Lee D14/341
D667,397 S * 9/2012 Koh D14/341
D671,514 S * 11/2012 Kim D14/138 G
D677,181 S * 3/2013 Lenz D10/65
D687,825 S * 8/2013 Lee D14/341
D689,048 S * 9/2013 Wang D14/341

(Continued)

FOREIGN PATENT DOCUMENTS

KR 301070846.0000 * 8/2020

OTHER PUBLICATIONS

I Used Alexa to Play Board Games, announced Dec. 17, 2019
[online], [retrieved Sep. 11, 2020]. Available from Internet, URL:
<<https://www.nytimes.com/wirecutter/blog/amazon-alexa-board-games/>> (Year: 2019).*

(Continued)

Primary Examiner — Dana K Weiland

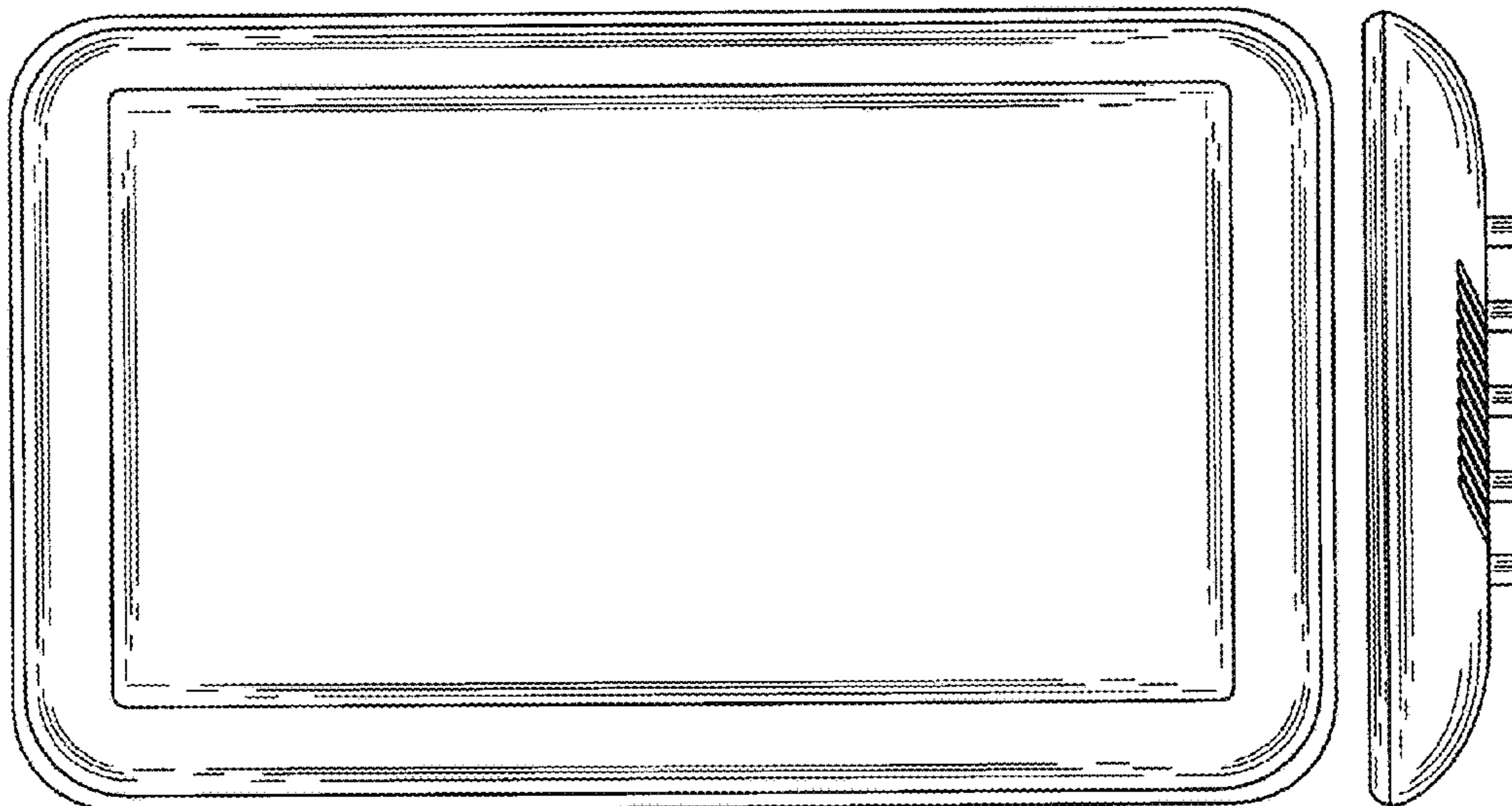
(57) **CLAIM**

The ornamental design for an on-board monitor, as shown
and described.

DESCRIPTION

FIG. 1 is a front elevational view of an on-board monitor
showing my new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof; and,
FIG. 7 is a perspective view thereof.
The broken lines illustrate portions of the on-board monitor
that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D691,996 S * 10/2013 Ohshima D14/341
 D693,706 S * 11/2013 Stevens D10/65
 D695,735 S * 12/2013 Kitchen D14/341
 D697,910 S * 1/2014 Bianco D14/336
 D701,201 S * 3/2014 Jiang D14/341
 D701,202 S * 3/2014 Choi D14/341
 D715,309 S * 10/2014 DeLaughter D14/448
 D723,545 S * 3/2015 Grziwok D14/341
 D729,643 S * 5/2015 Browning D10/65
 D736,203 S * 8/2015 Kim D14/341
 D744,481 S * 12/2015 Yokoyama D14/341
 D746,280 S * 12/2015 Bajwa D14/341
 D756,290 S * 5/2016 Cho D12/415
 D762,644 S * 8/2016 Maffetone D14/388
 D794,036 S * 8/2017 Hennings D14/440
 D808,829 S * 1/2018 Dempsey D10/65
 D820,267 S * 6/2018 Collins D14/440

D877,146 S * 3/2020 Turgel D14/371
 D894,194 S * 8/2020 Verschoor D14/440
 2012/0061542 A1* 3/2012 Bostater G06F 1/1628
 248/278.1

OTHER PUBLICATIONS

Performance display in on-board monitor, announced Oct. 2011 [online], [retrieved Sep. 11, 2020]. Available from Internet, URL: <<https://www.press.bmwgroup.com/global/photo/detail/P90081922/new-bmw-3-series-performance-display-in-on-board-monitor-10-2011>> (Year: 2011).*

Yakry HD Backup Camera and Monitor Kit, announced Jul. 13, 2017 [online], [retrieved Sep. 11, 2020]. Available from Internet, URL: <<https://www.amazon.com/iStrong-Monitor-Constantly-License-Waterproof/dp/B073NZQTQN>> (Year: 2017).*

* cited by examiner

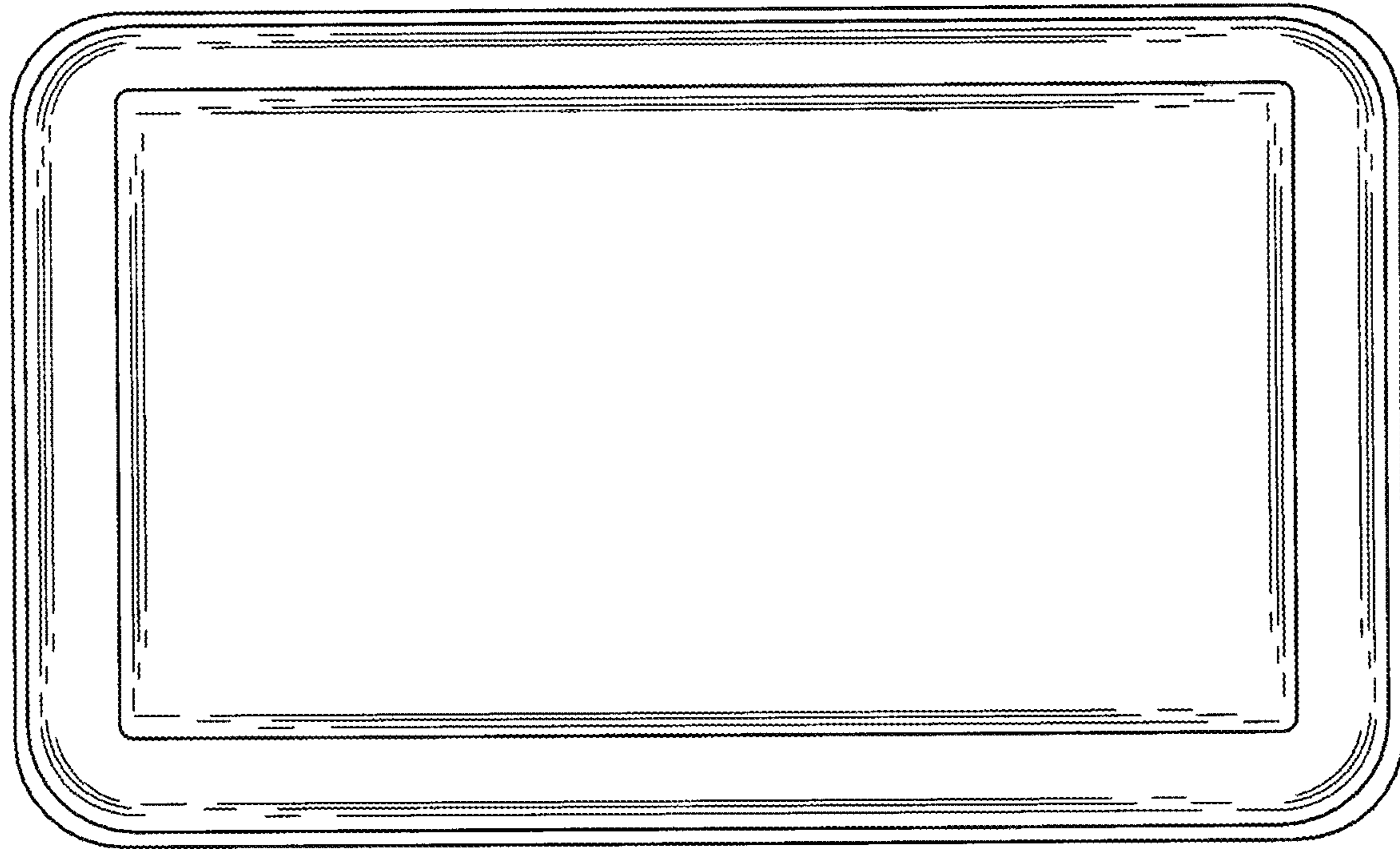


FIG. 1

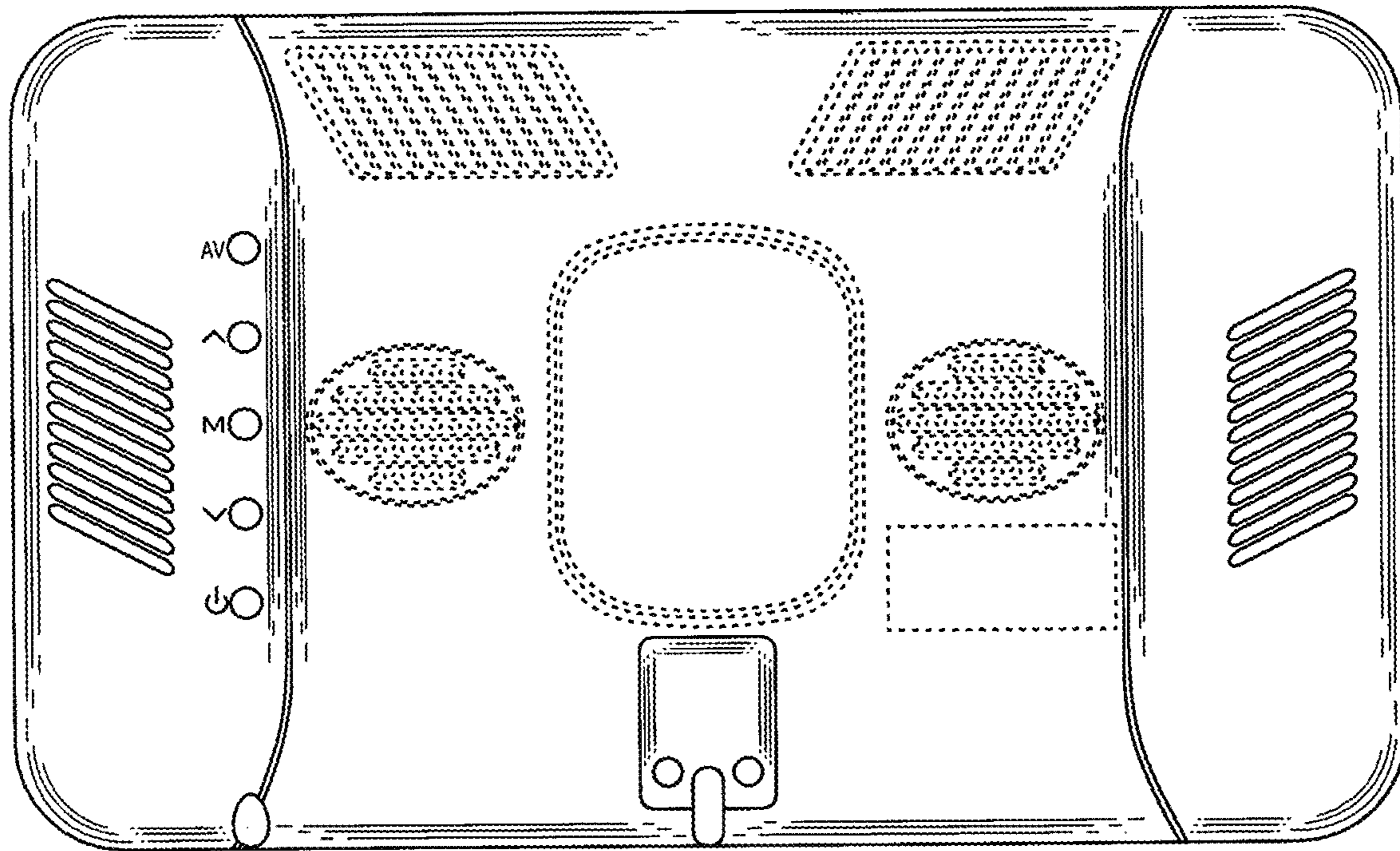


FIG. 2

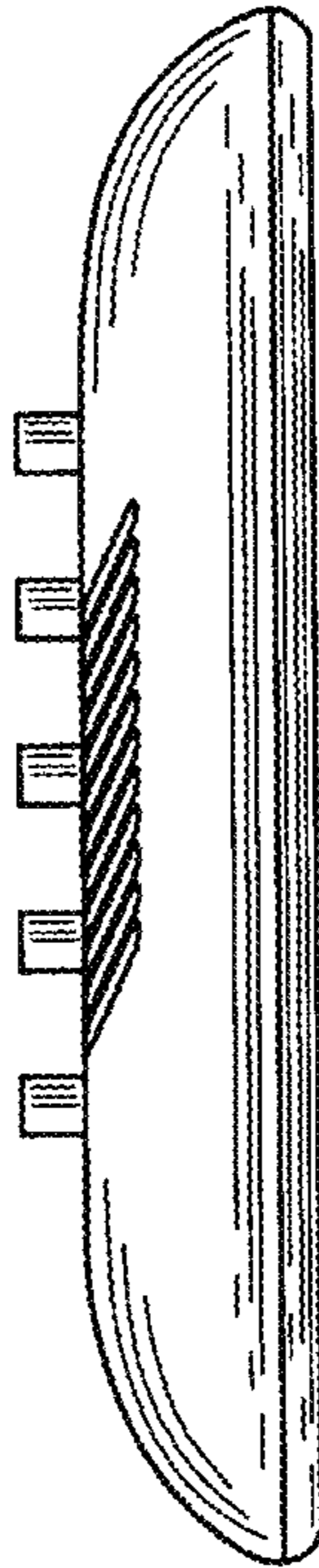


FIG. 3

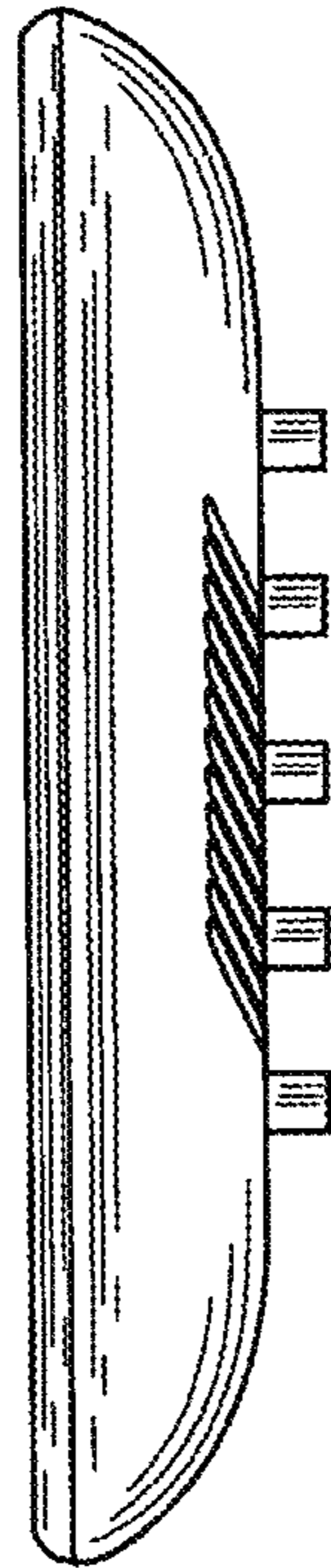


FIG. 4

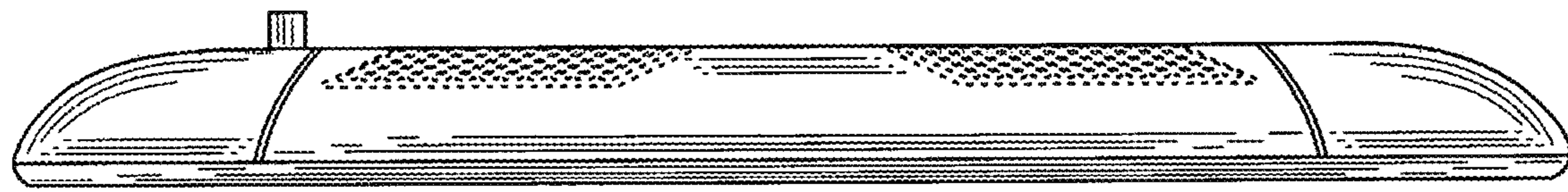


FIG. 5

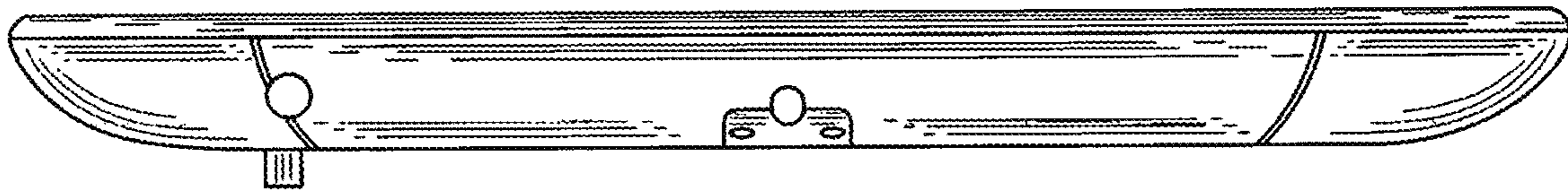


FIG. 6

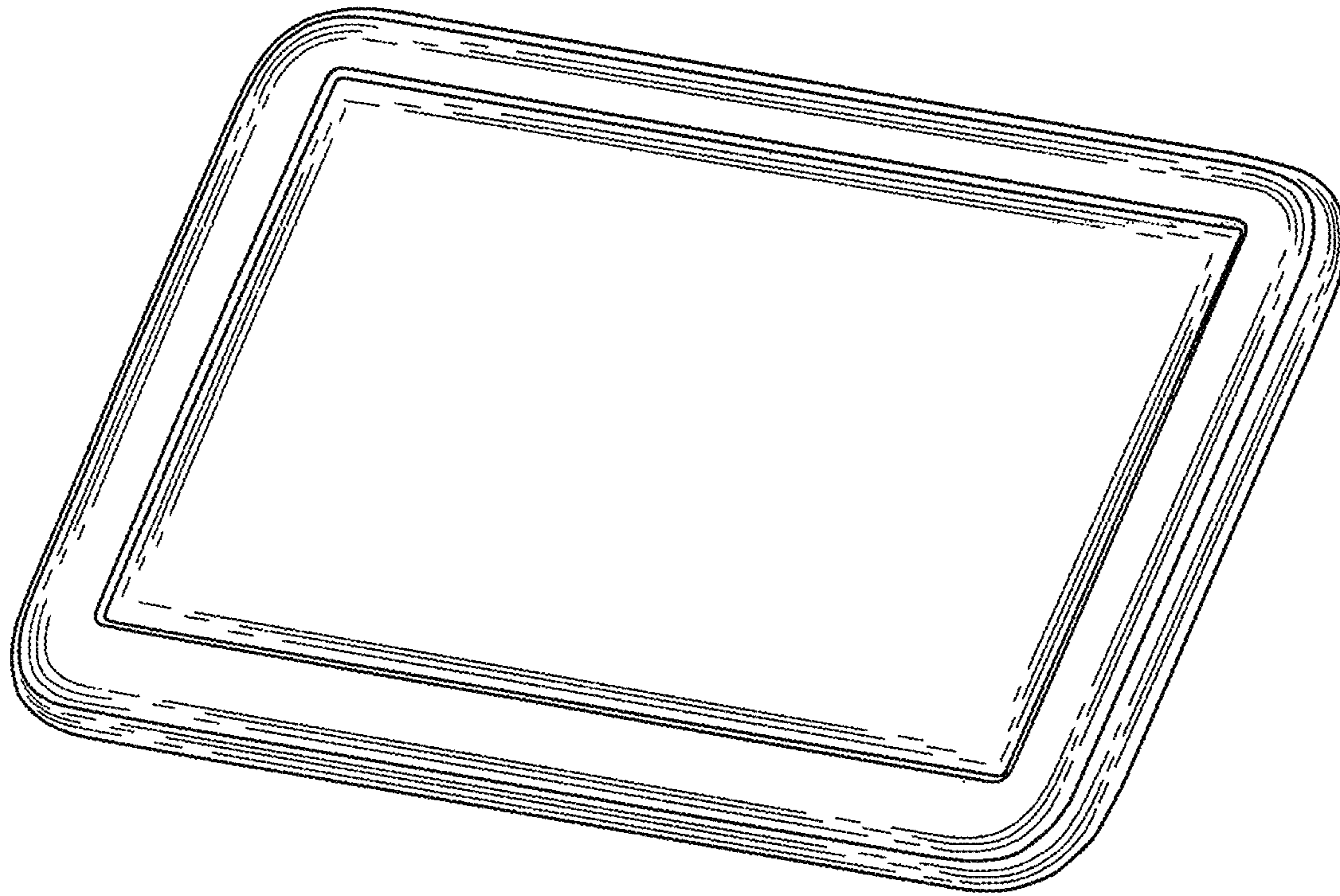


FIG. 7