



US00D852101S

(12) **United States Design Patent** (10) **Patent No.:** **US D852,101 S**
Ko et al. (45) **Date of Patent:** **** Jun. 25, 2019**

(54) **CONTROL UNIT FOR DASHBOARD**

(71) Applicant: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

(72) Inventors: **Sungchan Ko**, Suwon-si (KR);
Sungkwon Kim, Seoul (KR); **Jeisung Park**,
Gwacheon-si (KR); **Seungbin Im**, Yongin-si (KR);
Kwaneui Hong, Gwacheon-si (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

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

(21) Appl. No.: **29/644,969**

(22) Filed: **Apr. 23, 2018**

(30) **Foreign Application Priority Data**

Jan. 4, 2018 (KR) 30-2018-0000665

(51) **LOC (11) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/192; D12/415**

(58) **Field of Classification Search**
USPC D14/157, 485, 489, 492, 488, 490;
D20/28, 35; D12/191, 192, 190, 195,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D54,140 S * 11/1919 Smith D12/192
5,700,191 A * 12/1997 Nieling B60H 1/00814
454/69

(Continued)

FOREIGN PATENT DOCUMENTS

FR 3021933 * 12/2015 B60K 37/04
JP D1479635 9/2013

(Continued)

OTHER PUBLICATIONS

Harman and Samsung Unveil the Future of Connectivity and Autonomous Driving at CES 2018, News.Samsung.com, Jan. 8, 2018, [online], [site visited Feb. 20, 2019]. <URL: https://news.samsung.com/us/harman-and-samsung-unveil-the-future-of-connectivity-and-autonomous-driving-at-ces-2018/> (Year: 2018).*

(Continued)

Primary Examiner — T Chase Nelson

Assistant Examiner — Jonathan J. Han

(74) *Attorney, Agent, or Firm* — NSIP Law

(57) **CLAIM**

We claim the ornamental design for a control unit for dashboard, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a control unit for dashboard showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left-side view thereof;

FIG. 5 is a right-side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is an enlarged view of the encircled portion in FIG. 1; and,

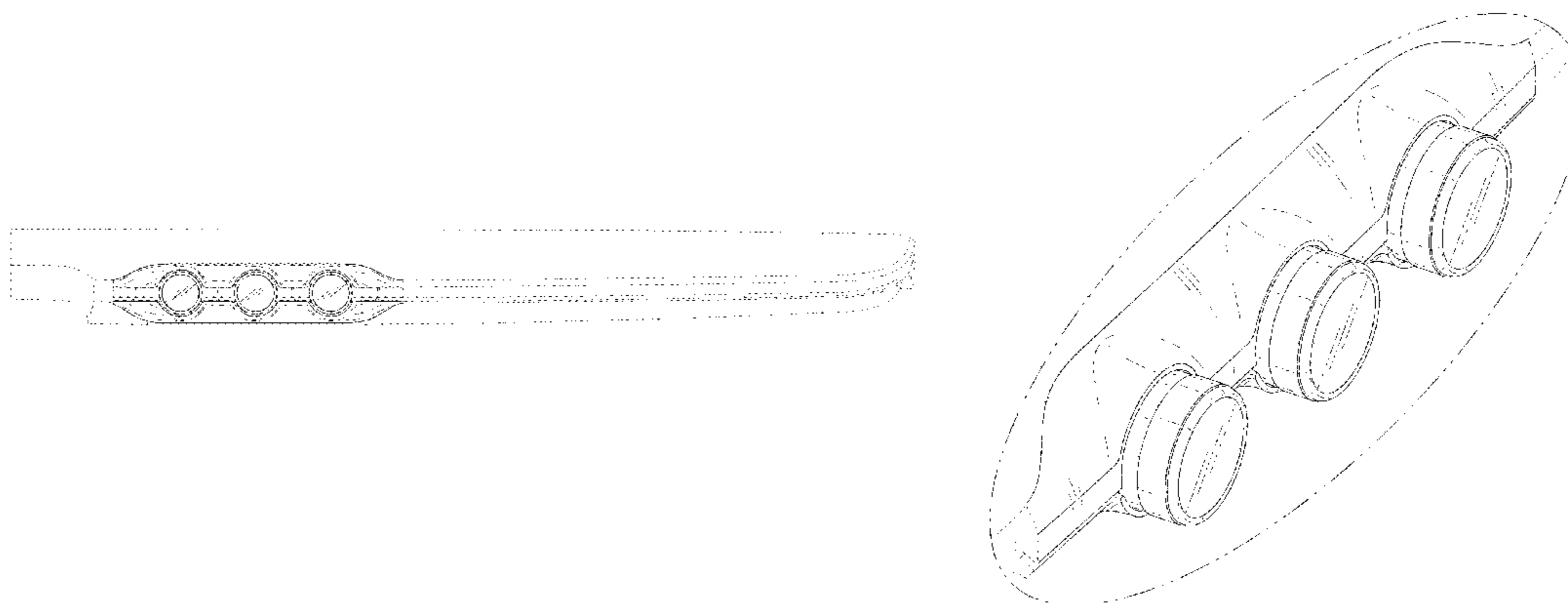
FIG. 9 is a front perspective view of the control unit for dashboard, in which the dashboard is provided in dotted lines to show environment.

The evenly spaced dash-dash broken lines in the figures showing portions of the control unit for dashboard and the evenly spaced dash-dash broken lines in FIG. 9 showing the dashboard form no part of the claimed design.

The dot-dash broken lines in the figures are boundaries of the claimed design and form no part thereof.

The dot-dot-dash broken lines that encircle the portion of the figure disclosure illustrated in an enlargement form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**

USPC D12/345, 415–420, 400, 110, 114, 106,
 D12/96, 99; 296/70, 24.3, 37.12;
 702/165; 345/594, 158; D10/113.4, 49,
 D10/46, 98, 102, 103, 122, 123, 124, 125,
 D10/126, 127; 715/839; D15/17, 28
 CPC ... B60R 21/045; B60R 2300/305; B60R 7/04;
 B60R 7/06; B60R 7/08; B60K 35/00;
 B60K 37/00; B60K 37/02; B60K 37/04;
 B60K 37/06; G06F 3/04817; H04N
 21/4307; H04N 21/4312
 See application file for complete search history.

D731,940 S * 6/2015 Okabe D12/192
 D733,021 S * 6/2015 Takagi D12/192
 D775,120 S * 12/2016 Suzuki D14/258
 D778,797 S * 2/2017 Ito D12/192
 D801,245 S * 10/2017 Giolito D12/192
 D817,832 S * 5/2018 Maezono D12/192
 D824,827 S * 8/2018 Fujii D12/192

FOREIGN PATENT DOCUMENTS

JP D1531743 8/2017
 KR 30-2016-0011727 8/2016
 KR 30-2016-0011731 8/2016
 KR 30-2016-0049564 7/2017

(56)

References Cited

U.S. PATENT DOCUMENTS

D389,798 S * 1/1998 Ma D12/192
 D401,545 S * 11/1998 Sacco D12/192
 D403,641 S * 1/1999 Sacco D12/192
 D432,474 S * 10/2000 Sacco D12/192
 D440,926 S * 4/2001 Pfeiffer D12/192
 D476,276 S * 6/2003 Day D12/192
 D514,994 S * 2/2006 Day D12/192
 D528,485 S * 9/2006 Montijo D12/192
 D532,353 S * 11/2006 Honda D12/192
 D534,628 S * 1/2007 Chisenhall D12/192
 D558,109 S * 12/2007 Misugi D12/192
 D571,272 S * 6/2008 Esaki D12/192
 D593,012 S * 5/2009 Day D12/192
 D593,469 S * 6/2009 Day D12/192
 D632,623 S * 2/2011 Nishimura D12/192
 D674,884 S * 1/2013 Rejkowski D23/324
 D697,459 S * 1/2014 Yamada D12/192
 D697,853 S * 1/2014 Uk Chang D12/192
 D702,169 S * 4/2014 Bachorski D12/192
 D705,144 S * 5/2014 Ishikawa D12/192
 D706,188 S * 6/2014 Bachorski D12/192
 D721,997 S * 2/2015 Hedge D12/192
 D727,814 S * 4/2015 Paulke D12/192

OTHER PUBLICATIONS

Digital Cockpit Drives the Future of Connected Cars, News.Samsung.com, on Jan. 10, 2018, [online], [site visited Feb. 20, 2019]. <URL: <https://news.samsung.com/global/digital-cockpit-drives-the-future-of-connected-cars>> (Year: 2018).*

The future has arrived for the Korean tech giant, TopSpeed.com, by Kirby, on Jan. 10, 2018, 18:00, [online], [site visited Feb. 20, 2019]. <URL: <https://www.topspeed.com/cars/car-news/samsung-and-harman-deliver-digital-cockpit-and-autonomous-tech-at-ces-ar179213.html>> (Year: 2018).*

Mercedes A-class review: every powertrain driven on UK roads, CarMagazine.co.uk, Published: Oct. 31, 2018, Curtis Moldrich & Tim Pollard, [online], [site visited Feb. 20, 2019]. <URL: <https://www.carmagazine.co.uk/car-reviews/mercedes-benz/a-class-hatchback/>> (Year: 2018).*

Kelvin. “2017 Subaru Crosstrek Release Date, Review and Info.” [2017] www.releasedatesnewcars.com Nov. 11, 2017 <<http://releasedatesnewcars.com/2017-subaru-crosstrek/>>.

New Car Prices, “Toyota Corolla Altis Grande 2015 Price in Pakistan, Pics, Features.” [2014] www.cargeek.pk Oct. 28, 2014 <<https://cargeek.pk/toyota-corolla-altis-grand-2015-price-in-pakistan-specs-features/>>.

* cited by examiner

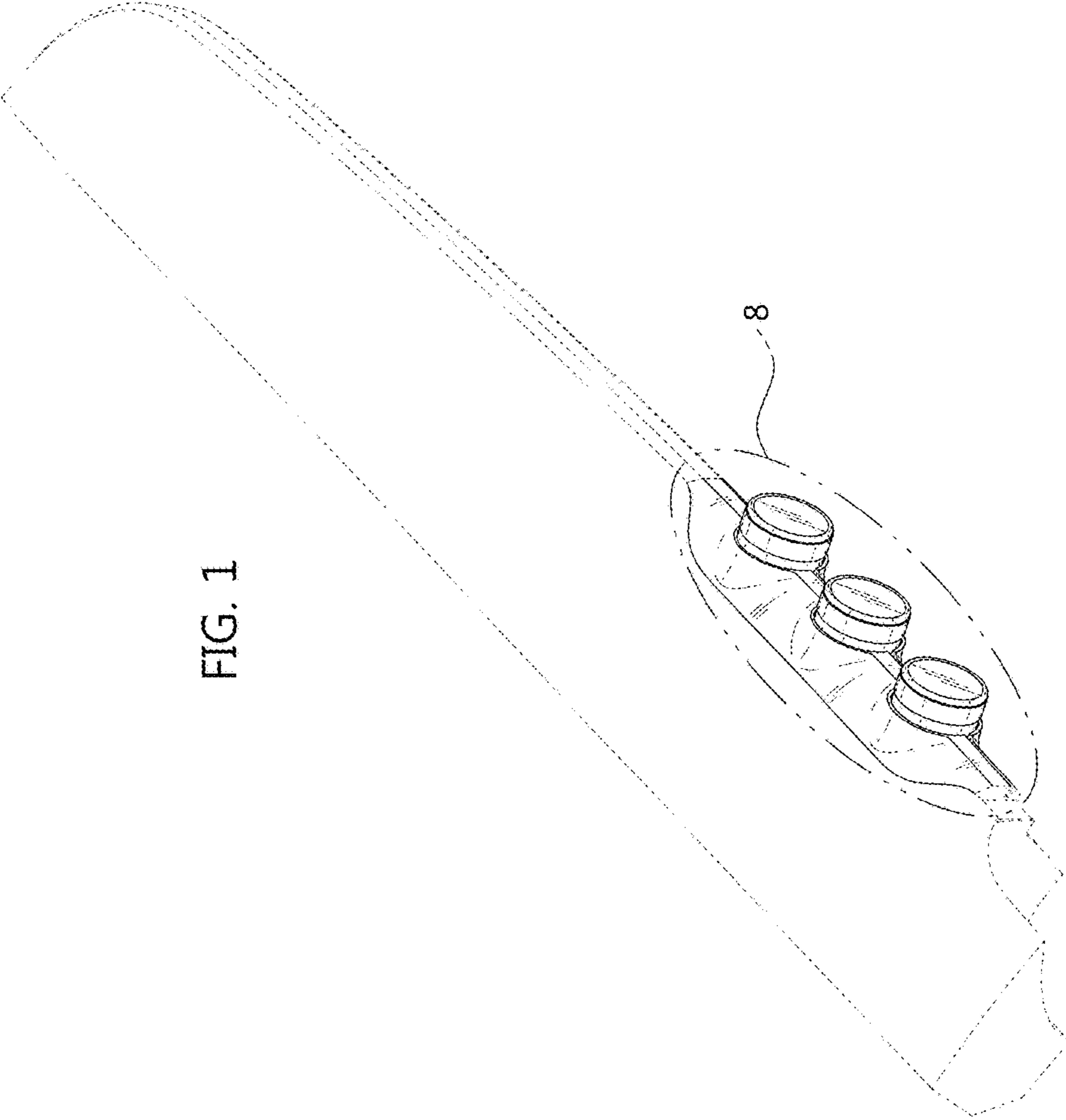


FIG. 1

FIG. 2

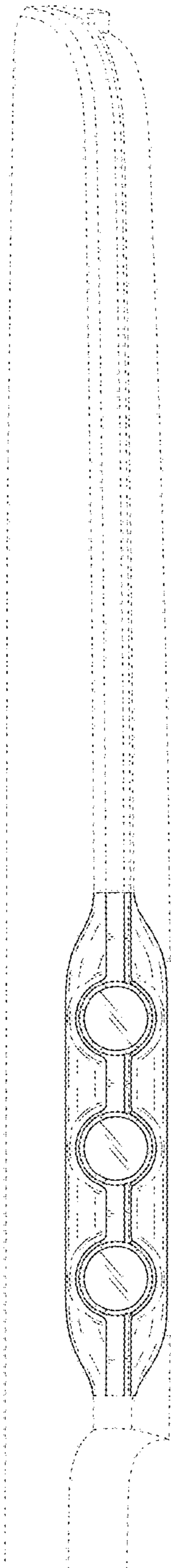


FIG. 3

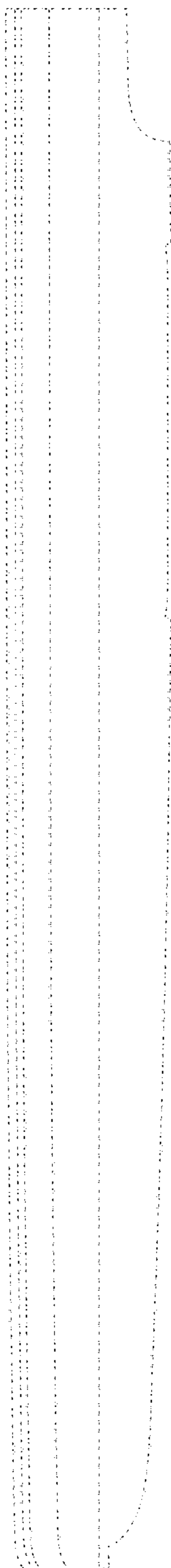


FIG. 4

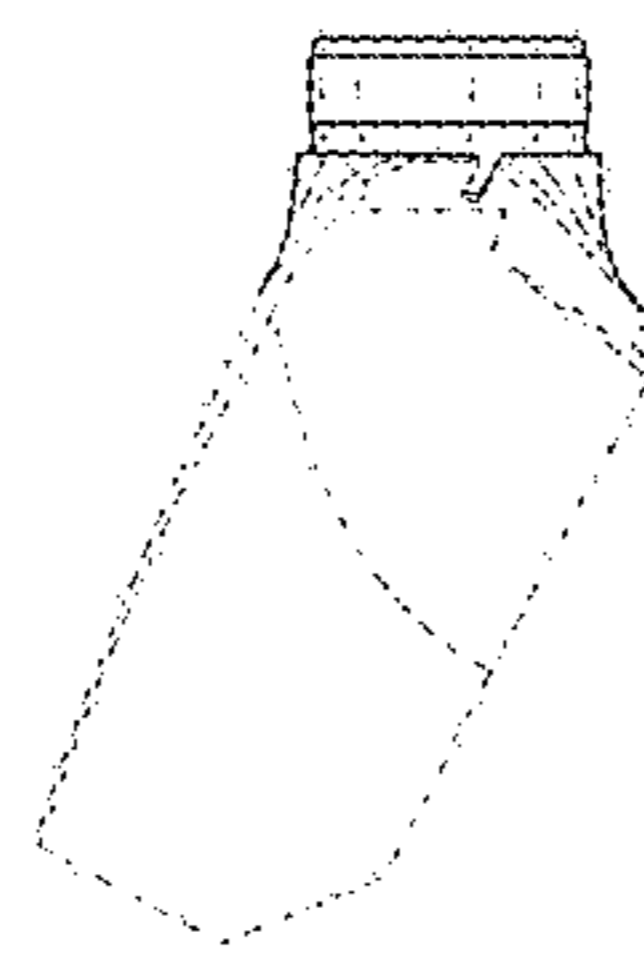


FIG. 5

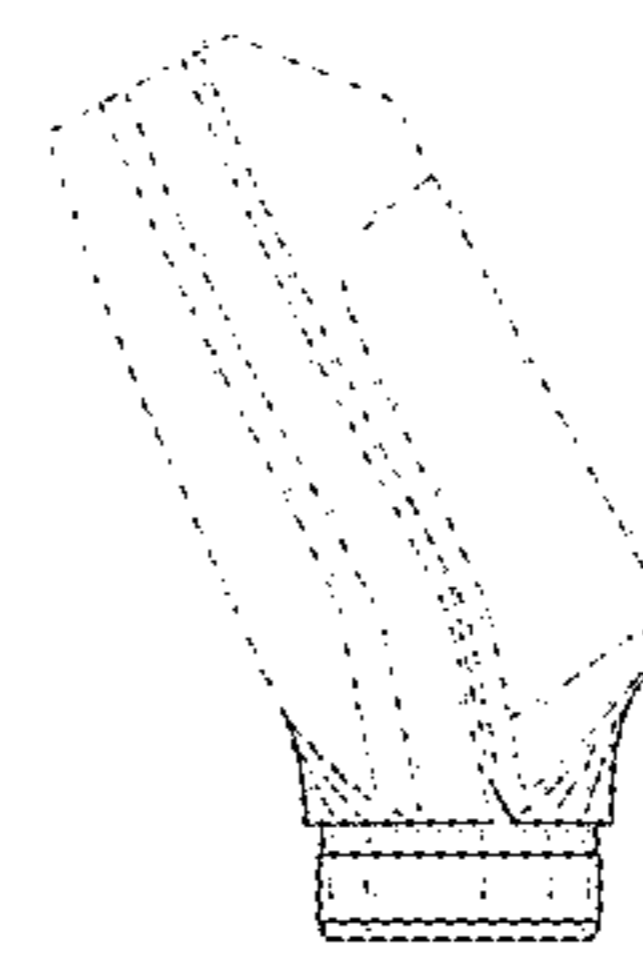


FIG. 6

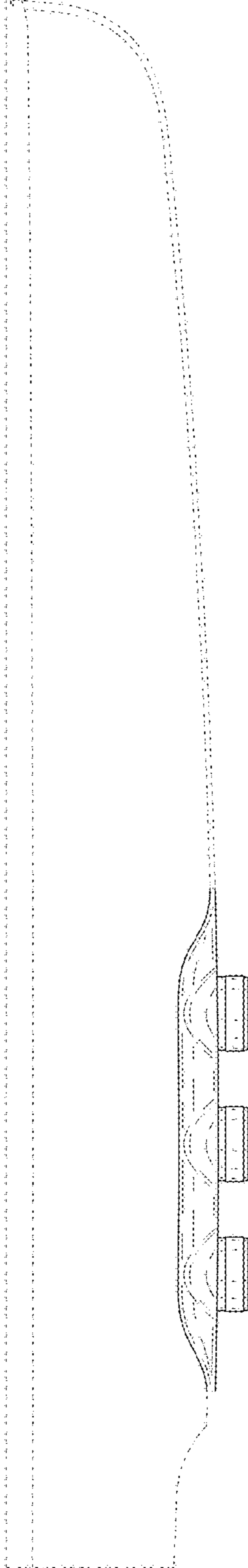
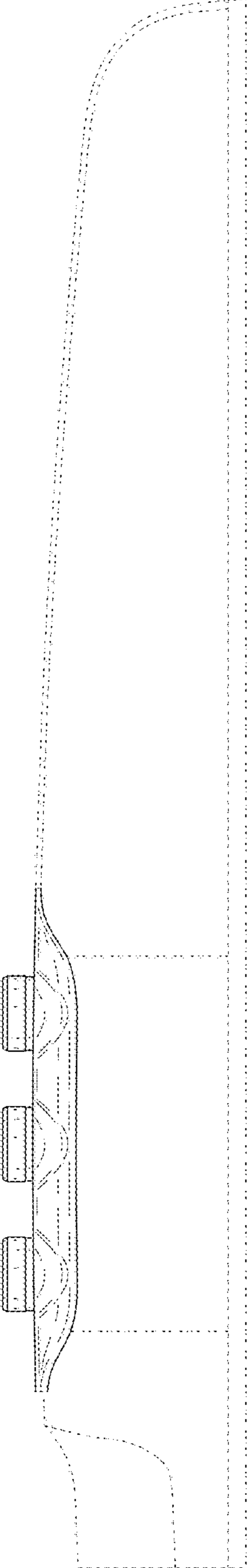


FIG. 7



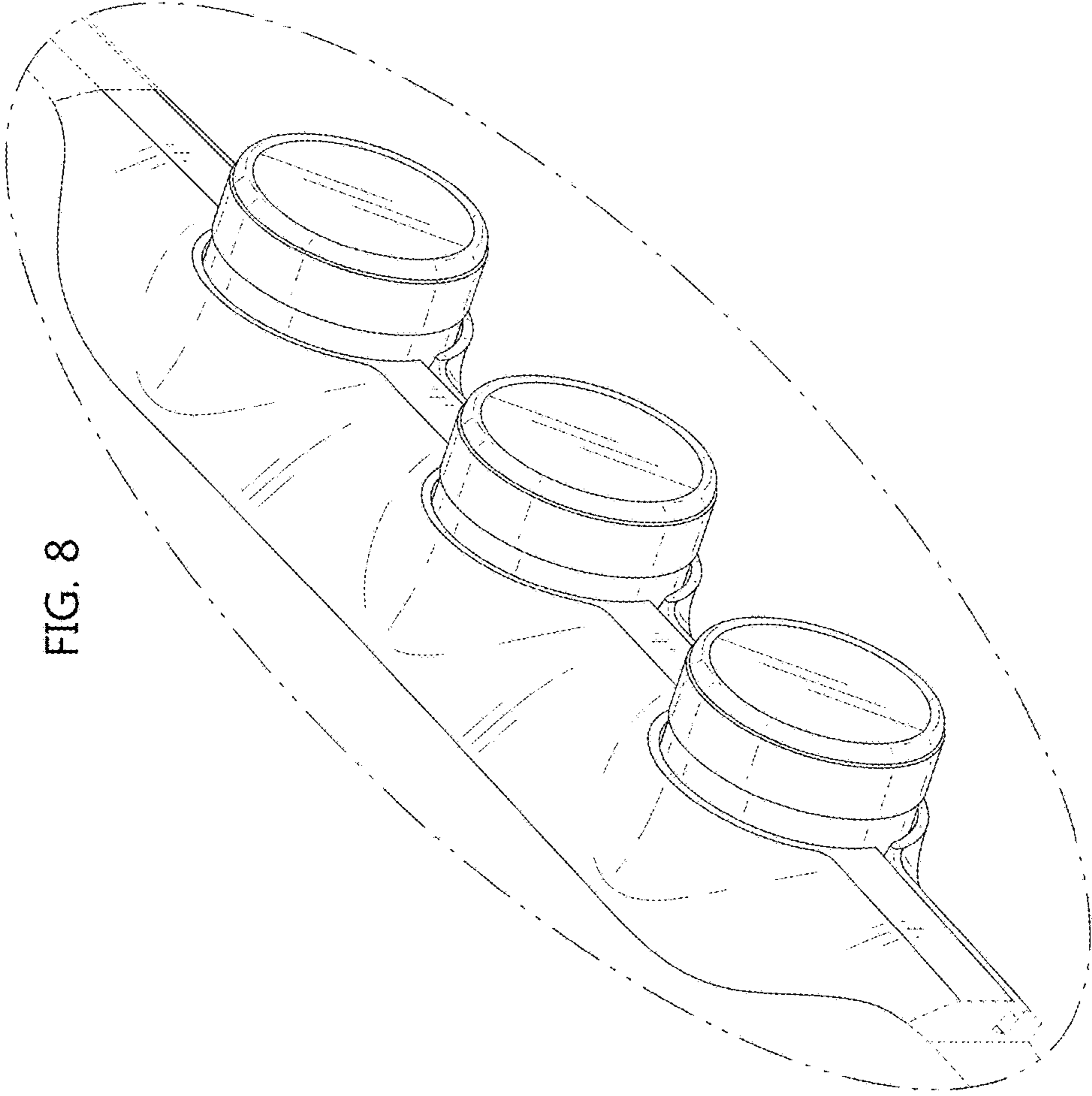


FIG. 8

FIG. 9

