



(12) **United States Design Patent**
Aoyagi

(10) **Patent No.:** **US D990,569 S**
(45) **Date of Patent:** **** Jun. 27, 2023**

(54) **THUMBSTICK OF CONTROLLER FOR ELECTRONIC DEVICE**

(71) Applicant: **SONY INTERACTIVE ENTERTAINMENT INC.**, Tokyo (JP)

(72) Inventor: **Satoshi Aoyagi**, Tokyo (JP)

(73) Assignee: **SONY INTERACTIVE ENTERTAINMENT INC.**, Tokyo (JP)

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

(21) Appl. No.: **29/751,792**

(22) Filed: **Sep. 23, 2020**

(30) **Foreign Application Priority Data**

Apr. 3, 2020 (JP) 2020-007070 D
Apr. 3, 2020 (JP) 2020-007071 D

(51) **LOC (14) Cl.** **21-01**
(52) **U.S. Cl.**

USPC **D21/333**

(58) **Field of Classification Search**

USPC D21/325, 326, 327, 333, 324, 328, 332,
D21/566, 329, 330, 694; D14/401, 400,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D601,564 S * 10/2009 Maeno D21/333
D643,412 S * 8/2011 Brady D14/218
(Continued)

OTHER PUBLICATIONS

Tomsin Replacement Thumbsticks. Date First Available: Aug. 13, 2019. Retrieved from internet: <<https://www.amazon.com/TOMSIN-Replacement-Thumbsticks-Controllers-Analog/dp/B07W7H6LX8>> [site visited Mar. 10, 2022] (Year: 2019).*

(Continued)

Primary Examiner — Katherine Glennon
Assistant Examiner — Yuan Yuan
(74) *Attorney, Agent, or Firm* — Paratus Law Group, PLLC

(57) **CLAIM**

The ornamental design for a thumbstick of controller for electronic device, as shown and described.

DESCRIPTION

FIG. 1 is a front, top perspective view of a first embodiment of a thumbstick of controller for electronic device showing my new design

FIG. 2 is a front view of the first embodiment thereof;
FIG. 3 is a rear view of the first embodiment thereof;
FIG. 4 is a left side view of the first embodiment thereof;
FIG. 5 is a right side view of the first embodiment thereof;
FIG. 6 is a top view of the first embodiment thereof;
FIG. 7 is a bottom view of the first embodiment thereof;
FIG. 8 is a cross-sectional view along a cut line 8-8 of FIG. 6 of the first embodiment thereof;

FIG. 9 is a top view of the first embodiment thereof;
FIG. 10 is an enlarged view of the portion 10 in FIG. 9 of the first embodiment thereof;

FIG. 11 is a front, top perspective view of a second embodiment for a thumbstick of controller for electronic device;
FIG. 12 is another front, top perspective view of the second embodiment thereof;

FIG. 13 is a front view of the second embodiment thereof;
FIG. 14 is a rear view of the second embodiment thereof;
FIG. 15 is a left side view of the second embodiment thereof;
FIG. 16 is a right side view of the second embodiment thereof;

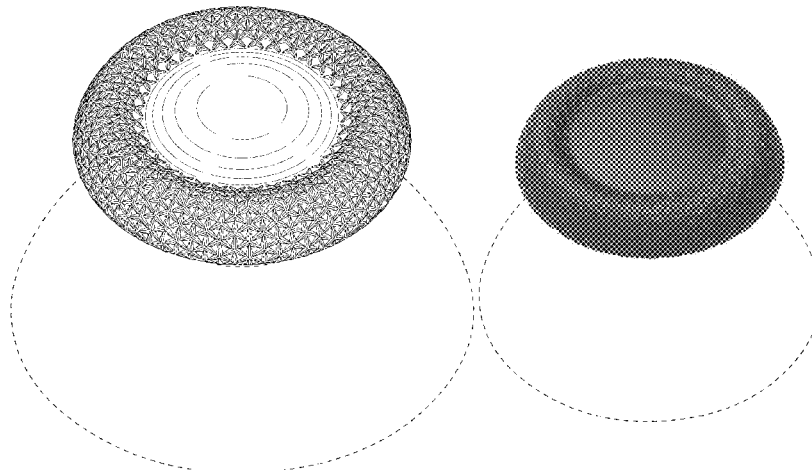
FIG. 17 is a top view of the second embodiment thereof;
FIG. 18 is a bottom view of the second embodiment thereof;
FIG. 19 is a cross-sectional view across the center of FIG. 13 of the second embodiment thereof;

FIG. 20 is a top view of the second embodiment thereof; and,

FIG. 21 is an enlarged view of the portion 21 in FIG. 20 of the second embodiment thereof.

The dashed lines show portions of the thumbstick of controller for electronic device and form no part of the claimed

(Continued)



design. The dash-dot-dash lines show the bounds of the claimed design and form no part thereof. The broken line rectangles in FIGS. 9, 10, 20, and 21 are for the purpose of showing enlarged details and form no part of the claimed design.

1 Claim, 14 Drawing Sheets

(58) **Field of Classification Search**

USPC ... D14/454, 412, 496, 416, 418, 413, 203.3, D14/203.5, 218, 415, 252, 414, 419, 457, D14/203, 203.1, 203.7, 204, 217, 240, D14/253, 333, 342, 357, 358, 388, 403, D14/434, 455, 456, 410, 492, 258, 301, D14/393, 432, 489
 CPC G06F 1/1666; G06F 17/00; G06F 19/00; A63F 9/24; A63F 13/00; A63F 13/23; A63F 13/235; A63F 13/24; A63F 13/26; A63F 13/843; A63F 13/98; A63F 13/323; A63F 2009/2488; A63F 2009/2407; A63F 2250/52; A63F 2300/8088; A63F 2300/1025

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D655,350 S * 3/2012 Taniguchi D21/333
 D659,765 S * 5/2012 Taniguchi D21/333
 D693,346 S * 11/2013 Coulter D14/412
 D715,865 S * 10/2014 Morris D21/333

D762,780 S * 8/2016 Mistry D14/401
 D762,781 S * 8/2016 Mistry D14/401
 D763,967 S * 8/2016 Kujawski D14/401
 D764,597 S * 8/2016 Kujawski D14/401
 D767,038 S * 9/2016 Kujawski D14/401
 D768,784 S * 10/2016 Kujawski D14/401
 D773,561 S * 12/2016 Kujawski D14/401
 D774,143 S * 12/2016 Kujawski D21/333
 D777,168 S * 1/2017 Hill D14/454
 9,764,230 B2 * 9/2017 Gassoway G05G 9/047
 D802,404 S * 11/2017 Turksu D12/415
 D805,926 S * 12/2017 Im D24/186
 9,868,058 B2 * 1/2018 Gassoway G06F 3/033
 9,925,457 B2 * 3/2018 Gassoway A63F 9/24
 10,203,717 B2 * 2/2019 Olsson G06F 3/0338
 D866,518 S * 11/2019 Ding D14/216
 10,466,803 B1 * 11/2019 Rutledge H03K 17/9505
 D882,691 S * 4/2020 Tsuchiya D21/333
 D886,801 S * 6/2020 Feng D14/216
 D890,185 S * 7/2020 Jetter D21/333
 D890,752 S * 7/2020 Huang D14/300
 D900,226 S * 10/2020 DeLille D21/333
 D914,693 S * 3/2021 Jetter D21/333
 D917,622 S * 4/2021 Hsu D21/333
 2012/0274563 A1 * 11/2012 Olsson G05G 9/047
 345/161

OTHER PUBLICATIONS

5 Pairs Replacement Analog Stick Joystick Thumbsticks Thumb Grips Buttons. Date First Available: Jan. 9, 2020. Retrieved from internet: <<https://www.amazon.com/Replacement-Thumbsticks-Playstation-DualShock-Controller/dp/B083P4K9YR>> [site visited Mar. 10, 2022] (Year: 2020).*

* cited by examiner

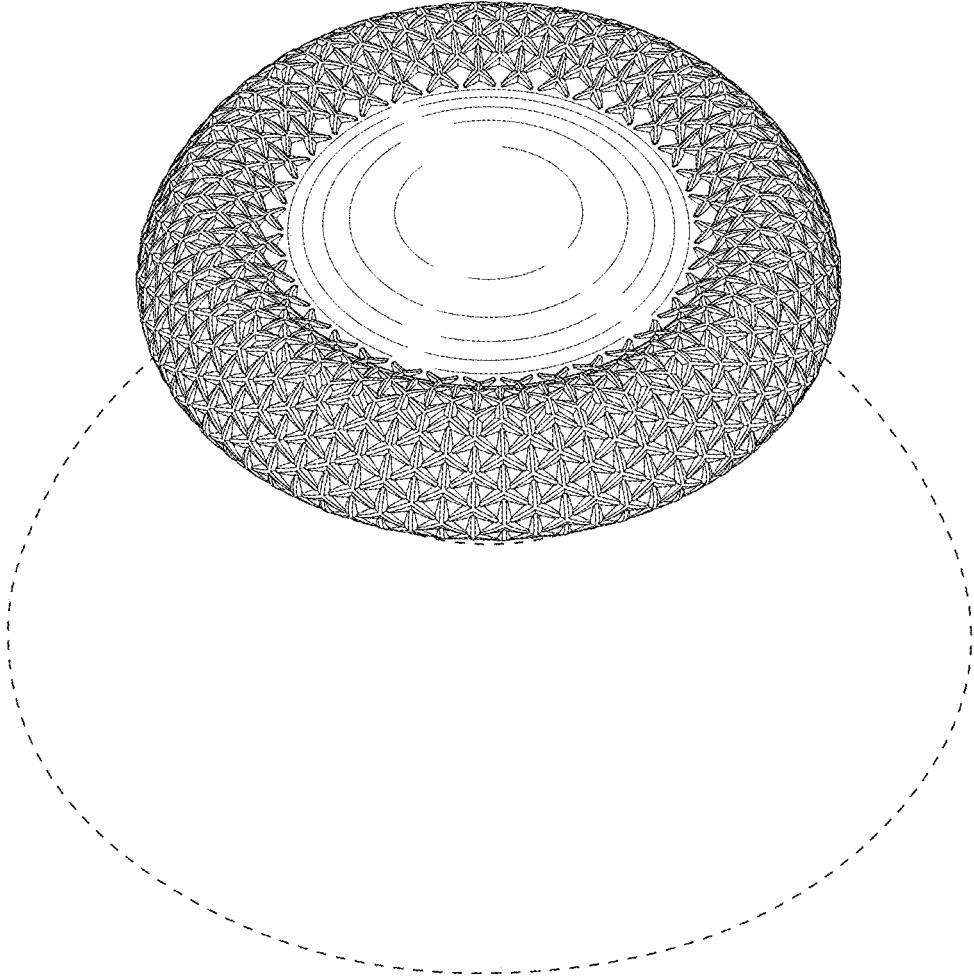


FIG. 1

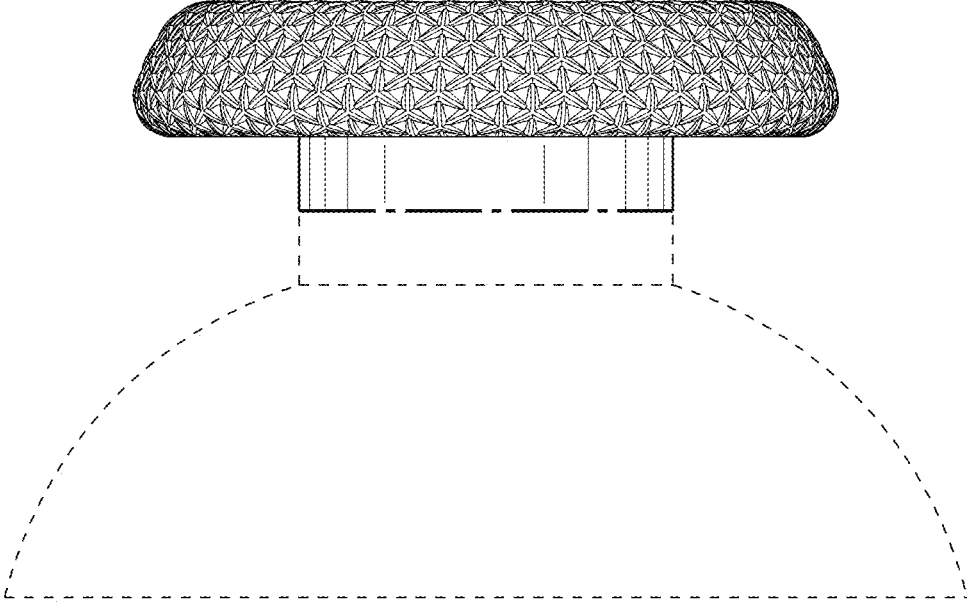


FIG. 2

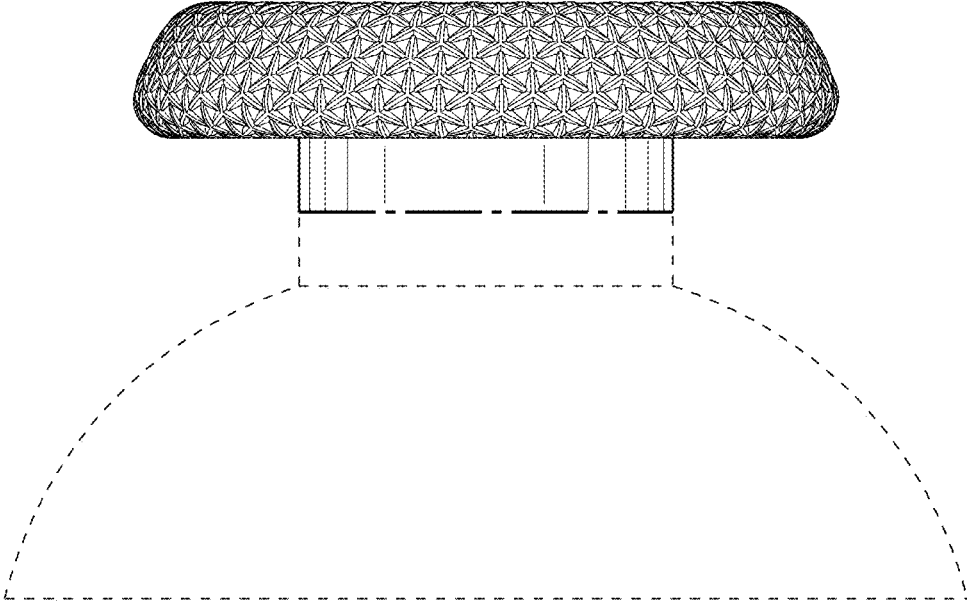


FIG. 3

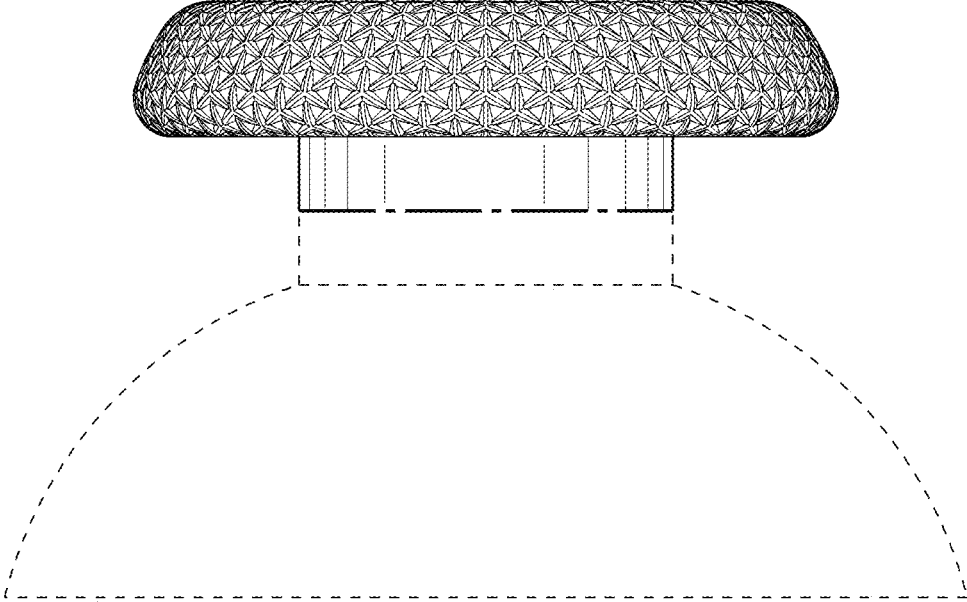


FIG. 4

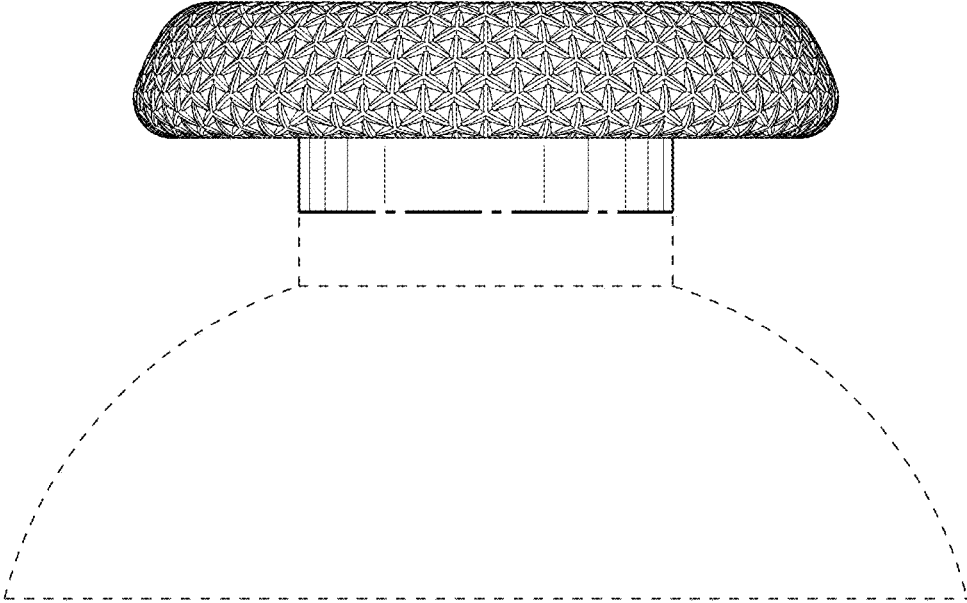


FIG. 5

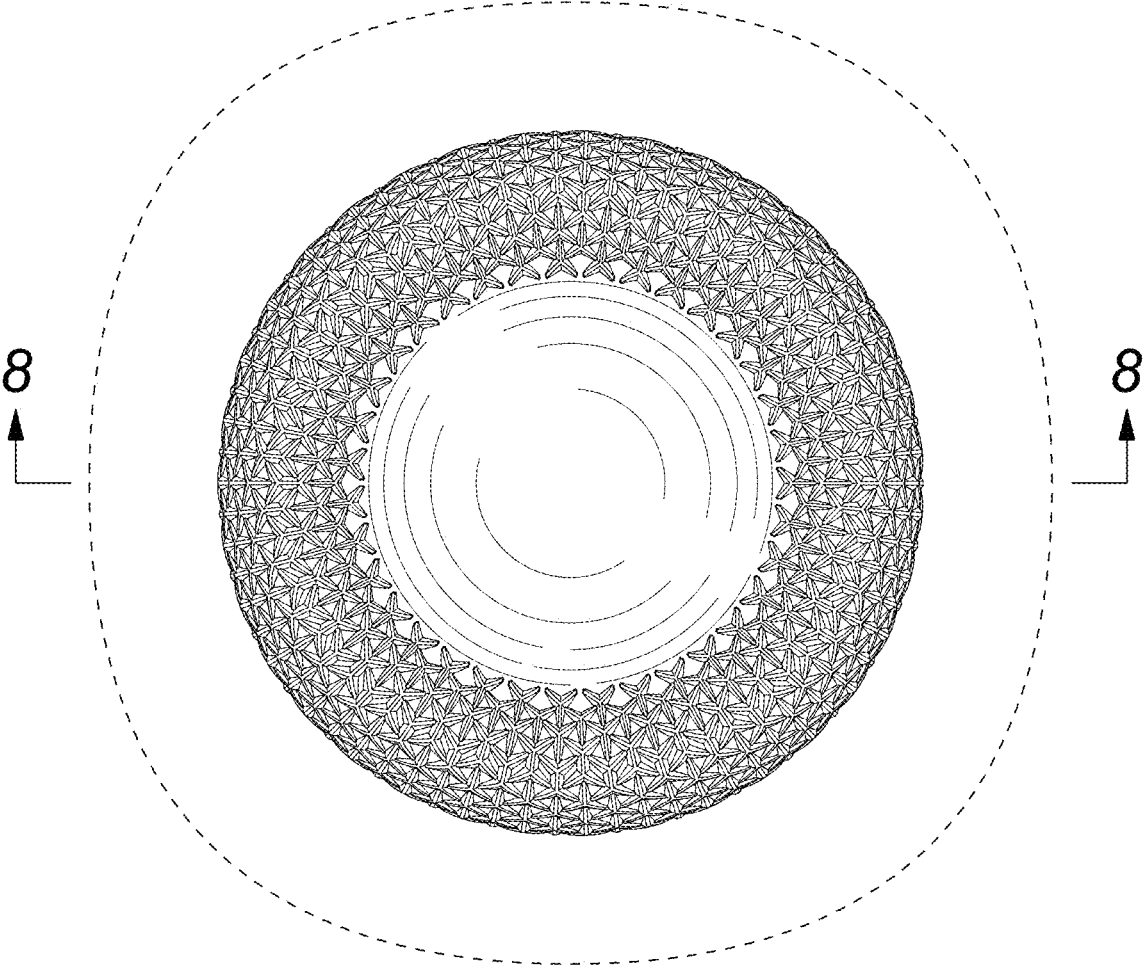


FIG. 6

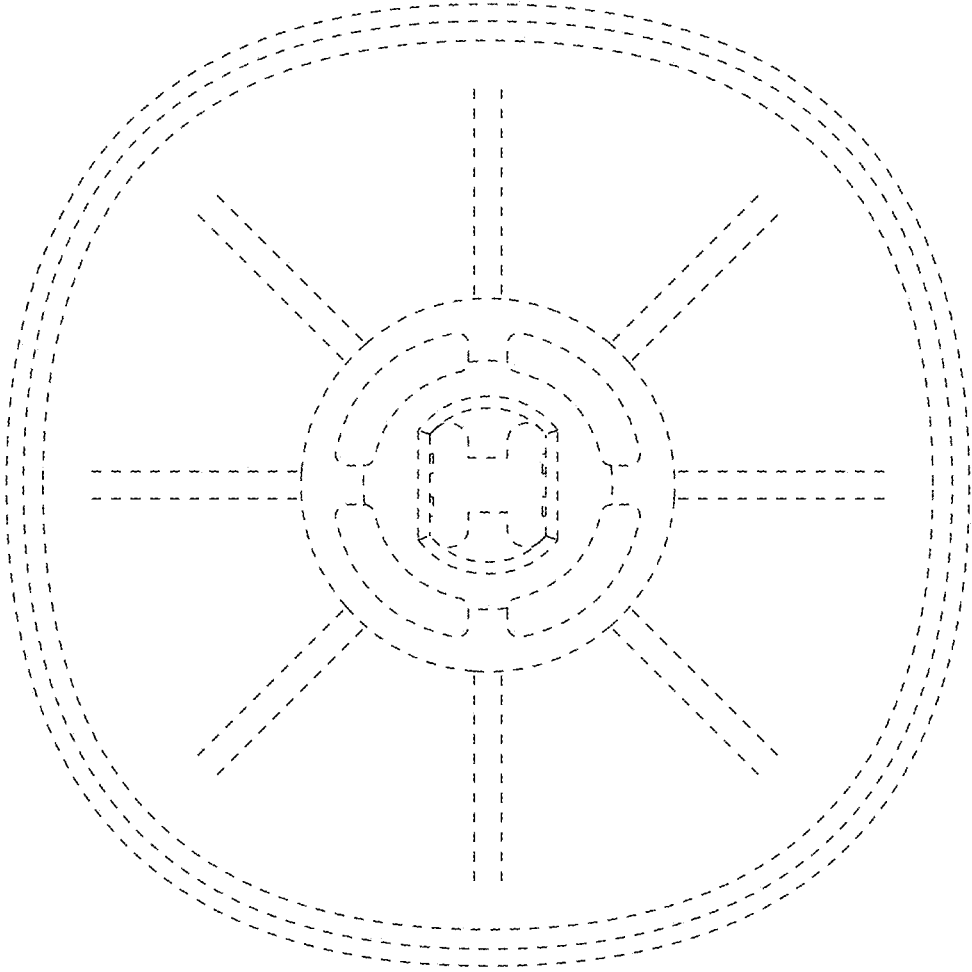


FIG. 7

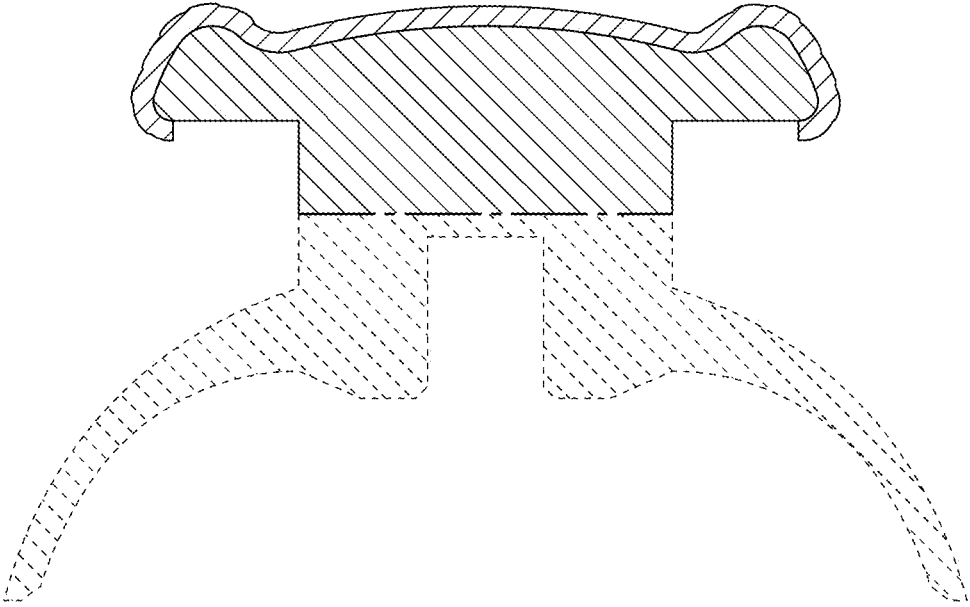


FIG. 8

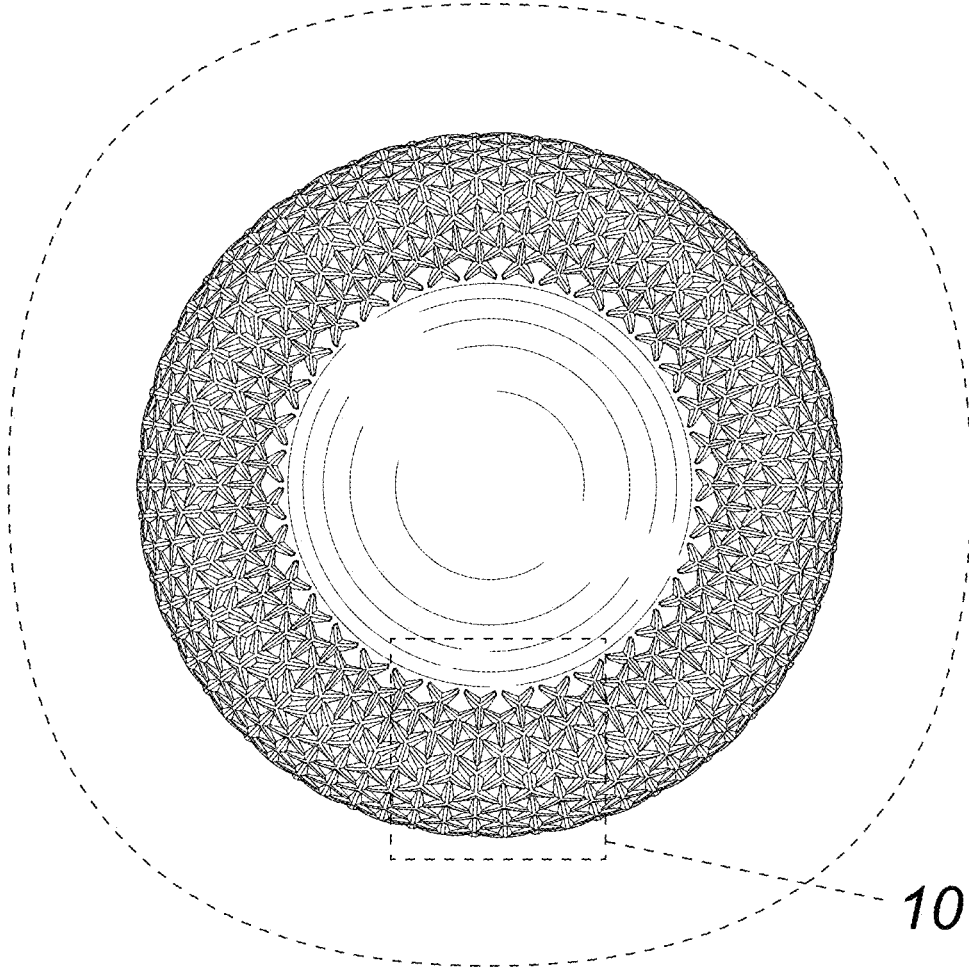


FIG. 9

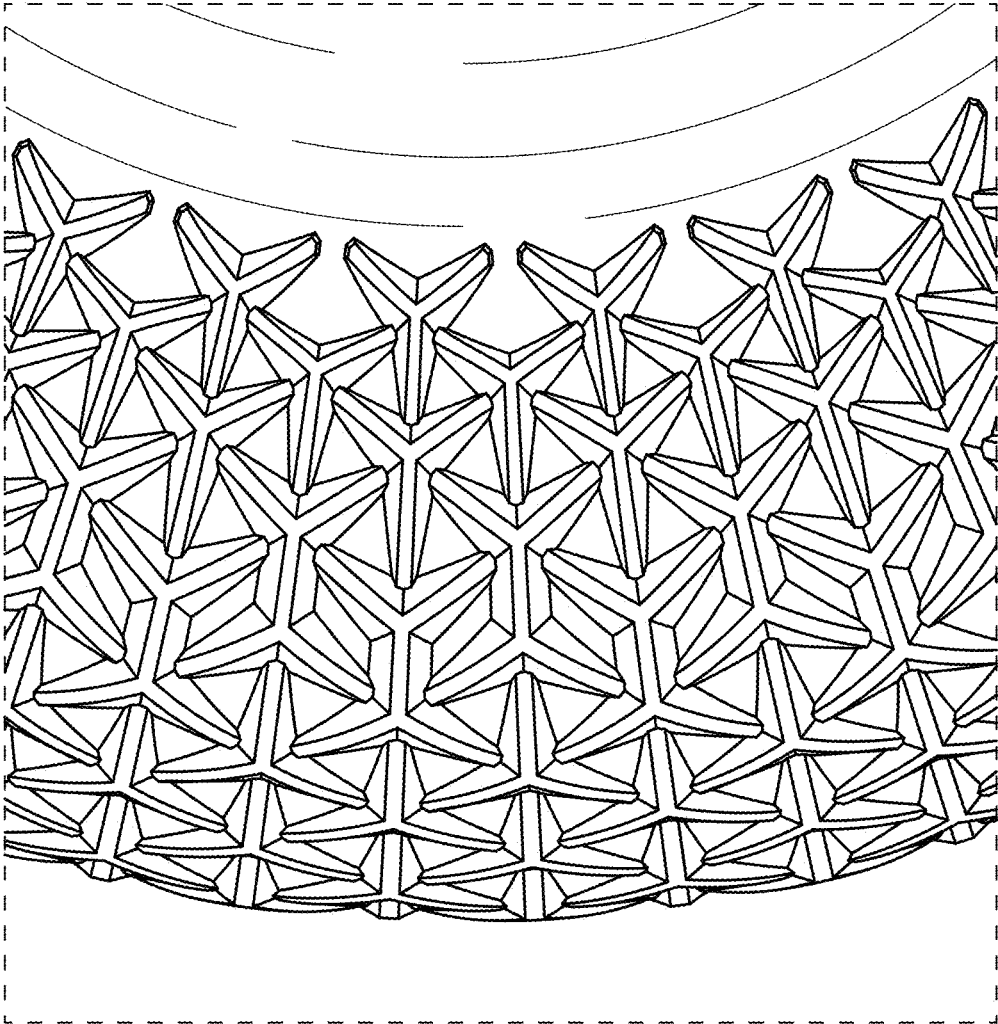


FIG. 10

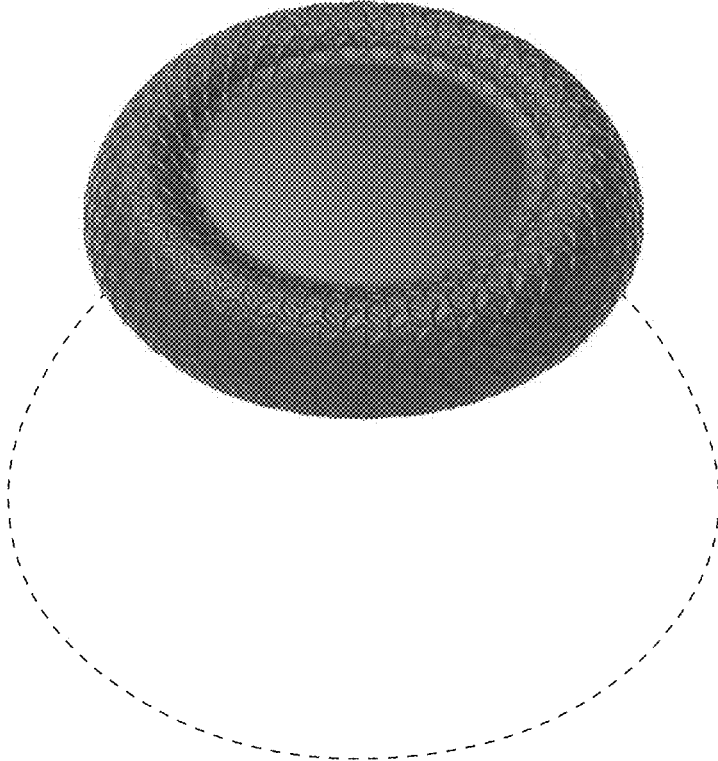


FIG. 11

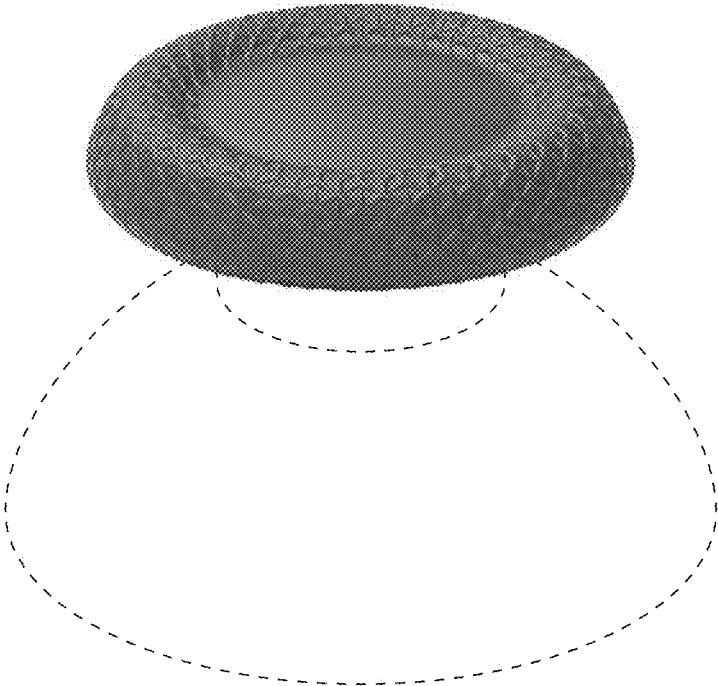


FIG. 12

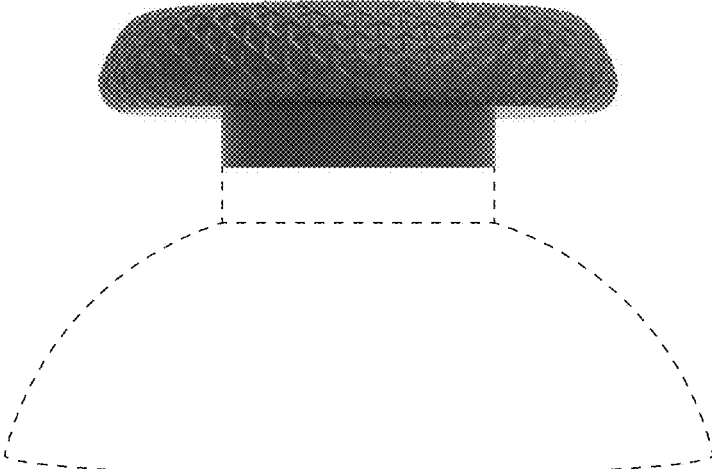


FIG. 13

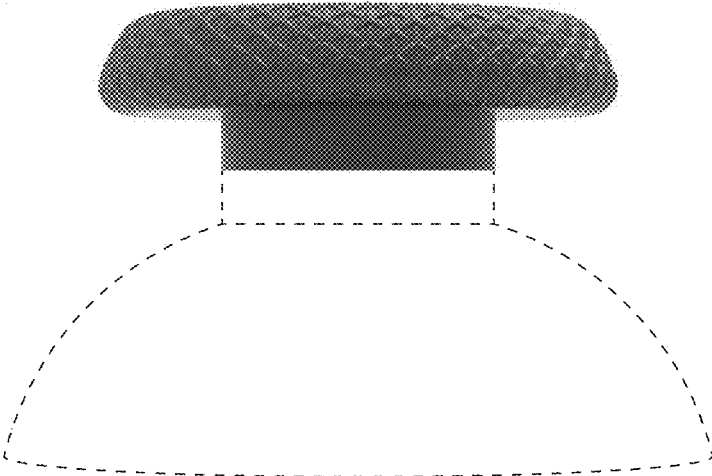


FIG. 14

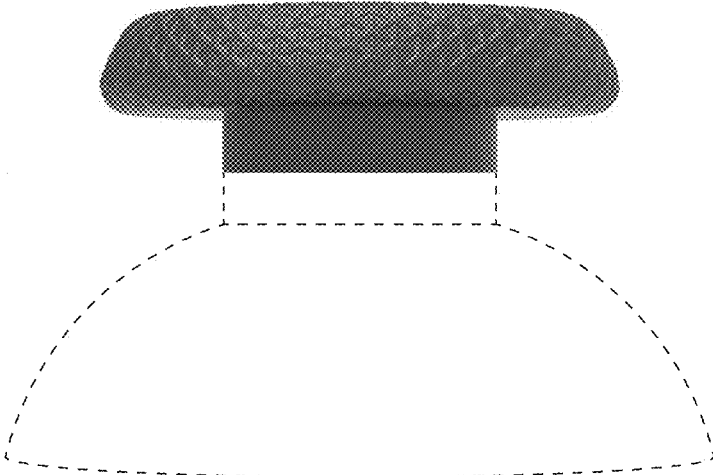


FIG. 15

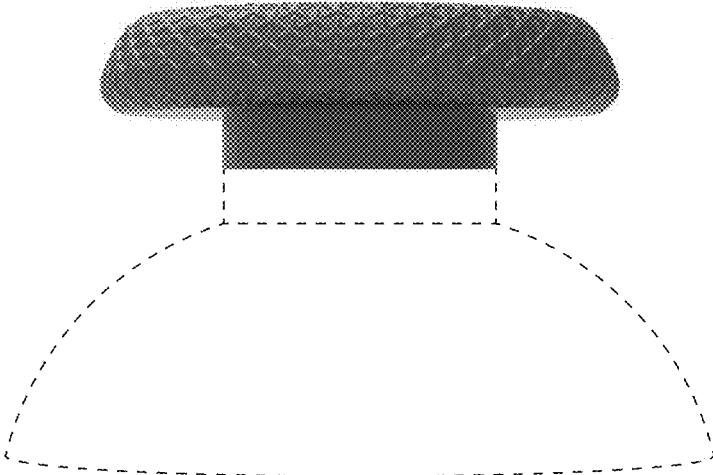


FIG. 16

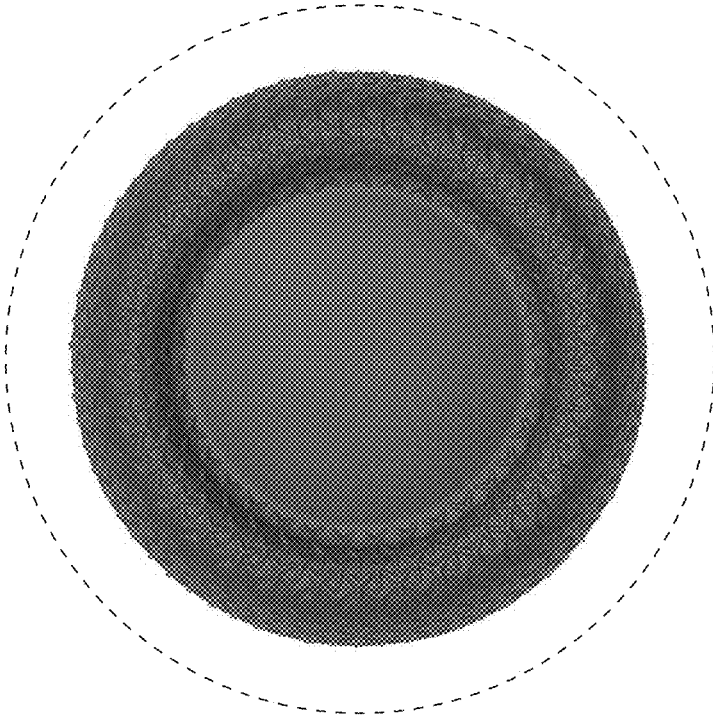


FIG. 17

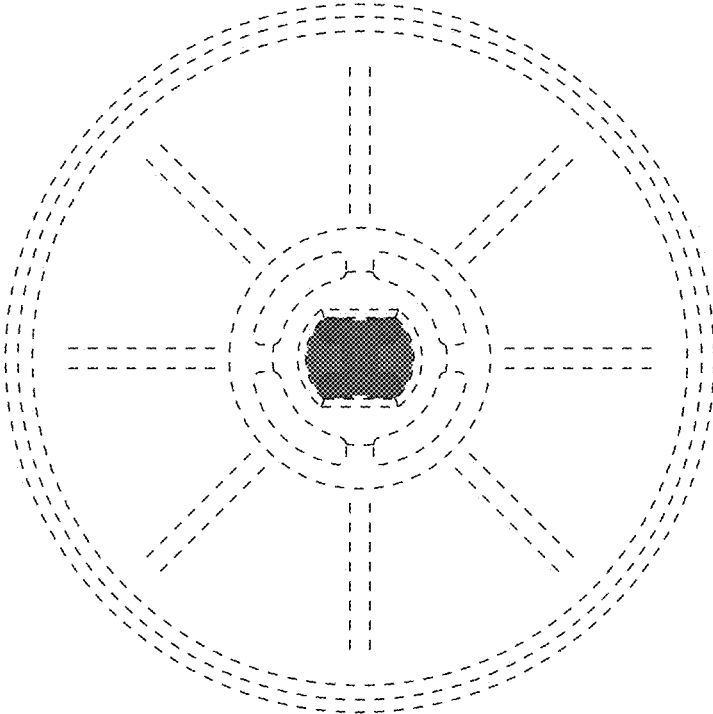


FIG. 18

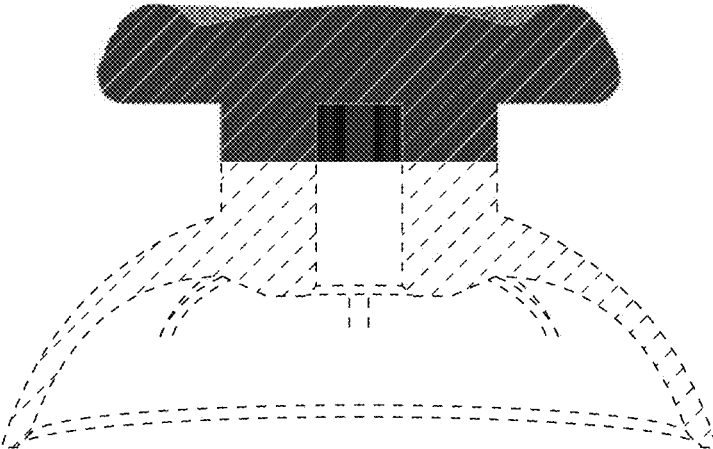
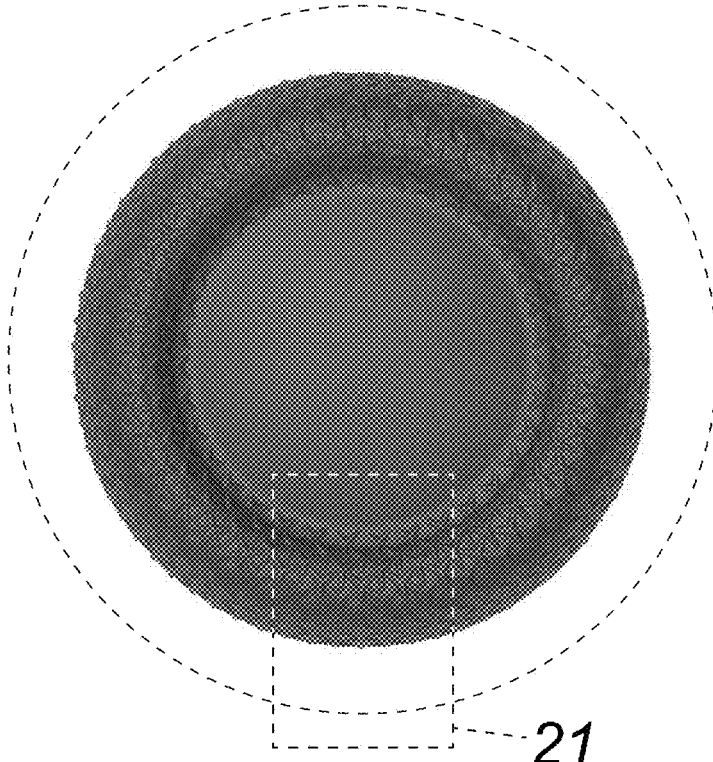


FIG. 19



21

FIG. 20



FIG. 21