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

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- (54) **BARBELL LANDMINE**
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- (**) Term: **15 Years**

D986,990 S * 5/2023 Bao D21/694
 11,648,452 B1 * 5/2023 Zhang A63B 21/0724
 482/106
 D1,010,036 S * 1/2024 Fried D21/694
 11,878,202 B2 * 1/2024 Cahn A63B 21/4045
 (Continued)

FOREIGN PATENT DOCUMENTS

CN 201930612942.9 * 4/2020
 CN 202330336630.6 * 11/2023
 (Continued)

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(51) **LOC (14) Cl.** **21-02**

(52) **U.S. Cl.**
USPC **D21/694**; D21/662; D21/681; D21/682

(58) **Field of Classification Search**
 USPC D21/662, 680, 681, 682, 686, 694
 CPC A63B 21/0724; A63B 21/072; A63B
 2071/0063; A63B 21/0783; A63B
 21/0552; A63B 2071/009; A63B 2244/09
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D272,375 S * 1/1984 Fuller, Sr. D29/100
 6,022,300 A * 2/2000 Hightower A63B 21/0728
 482/106
 D499,368 S * 12/2004 Hovren D12/202
 7,494,451 B1 * 2/2009 Ramos A63B 21/0728
 482/148
 D649,206 S * 11/2011 Kossman D21/694
 8,888,666 B2 * 11/2014 Quader A63B 21/0608
 482/121
 8,974,354 B1 * 3/2015 Nelson A63B 21/08
 482/94
 D812,700 S * 3/2018 Silver D21/694
 10,434,353 B1 * 10/2019 Fabbri A63B 21/00185
 D965,712 S * 10/2022 Myer D21/694

OTHER PUBLICATIONS

HDX-ERGO, Landmine Attachment for Barbell, published on Mar. 30, 2023 [online]. Retrieved from internet (Date: Jan. 30, 2024), <https://www.amazon.com/HXD-ERGO-Landmine-Attachment-Space-Saving-Exercise/dp/B0BZYHX2TL/?th=1> (Year: 2023).
 (Continued)

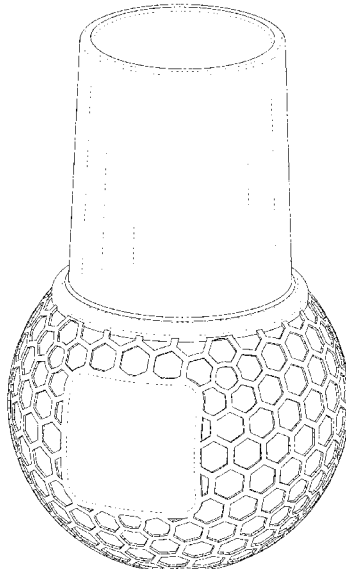
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 (57) **CLAIM**

The ornamental design for a barbell landmine, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a barbell landmine, showing my new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a left elevational view thereof;
 FIG. 5 is a right elevational view thereof;
 FIG. 6 is a top plan view thereof; and,
 FIG. 7 is a bottom plan view thereof.
 The broken lines in the figures are for the purposes of illustrating portions of the barbell landmine, which form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2007/0184942	A1*	8/2007	Krietzman	A63B 21/072 482/110
2008/0248930	A1*	10/2008	Hoole	A63B 21/0728 482/104
2008/0248931	A1*	10/2008	Hoole	A63B 21/0728 482/104
2015/0157894	A1*	6/2015	Rulli	A63B 21/0783 482/104
2016/0375295	A1*	12/2016	Brasch	A63B 21/0728 482/107
2018/0021662	A1*	1/2018	Carpinelli	A63B 21/0726 482/104
2019/0001211	A1*	1/2019	Burns	A63B 21/0724
2020/0146928	A1*	5/2020	Nichols	A61H 7/007
2020/0269083	A1*	8/2020	Leadbetter	A63B 21/4035

FOREIGN PATENT DOCUMENTS

CN	202330456805.7	* 12/2023
CN	202330501335.1	* 1/2024

OTHER PUBLICATIONS

Kongiss, Landmine Attachment for Barbell, published on Jul. 30, 2023 [online]. Retrieved from internet (Date: Jan. 30, 2024), <https://www.amazon.com/dp/B0C5CXSYB/?th=1> (Year: 2023).*

Fit and Focused, Landmine Attachment for Barbell, published on Jun. 7, 2023 [online]. Retrieved from internet (Date: Jan. 30, 2024), <https://www.amazon.com/dp/B0C7FDR4YH/> (Year: 2023).*

Qparvers, Landmine Attachment for Barbell, published on Nov. 4, 2022 [online]. Retrieved from internet (Date: Jan. 30, 2024), <https://www.amazon.com/dp/B0BLGR15VT/?th=1> (Year: 2022).*

* cited by examiner

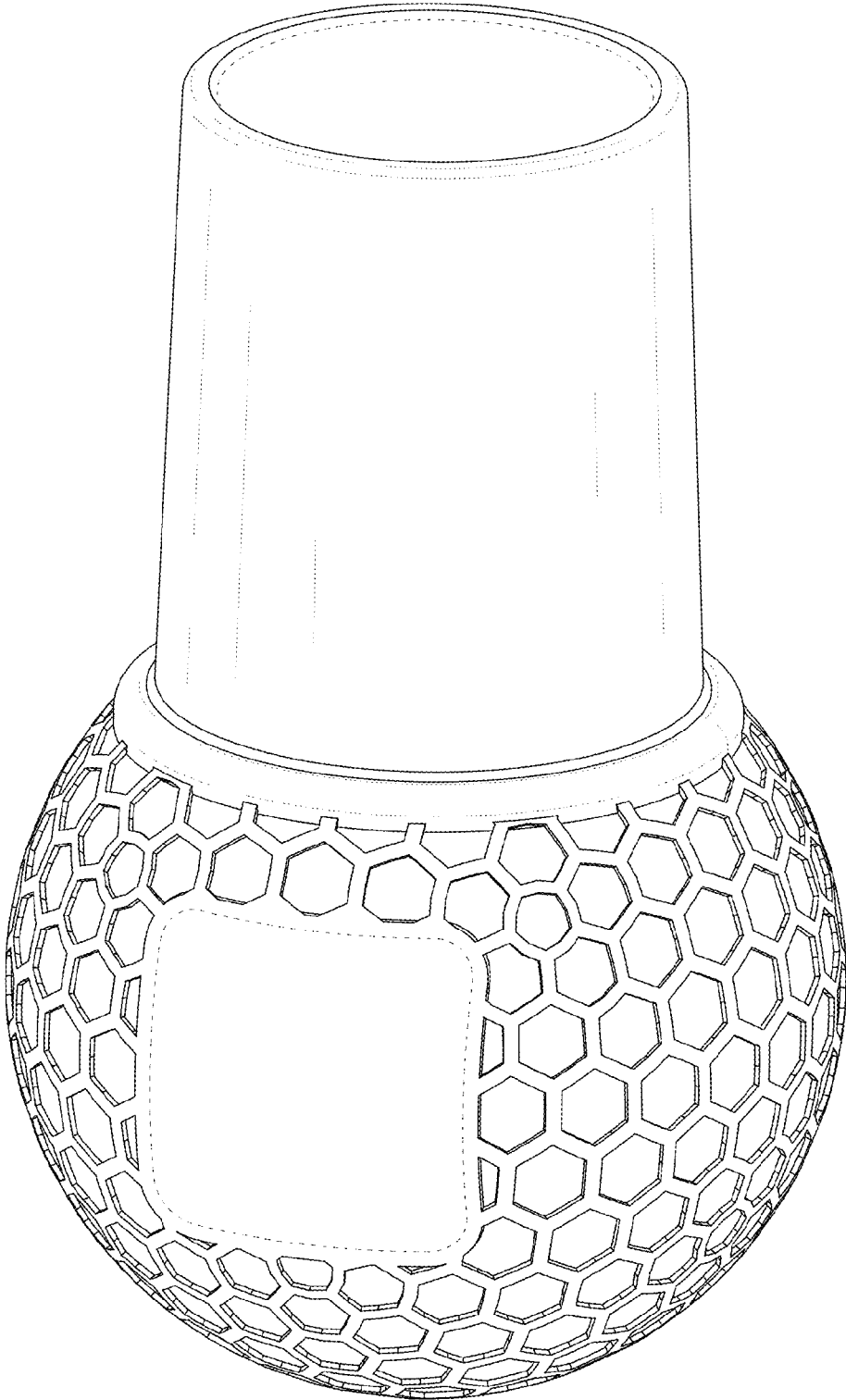


FIG. 1

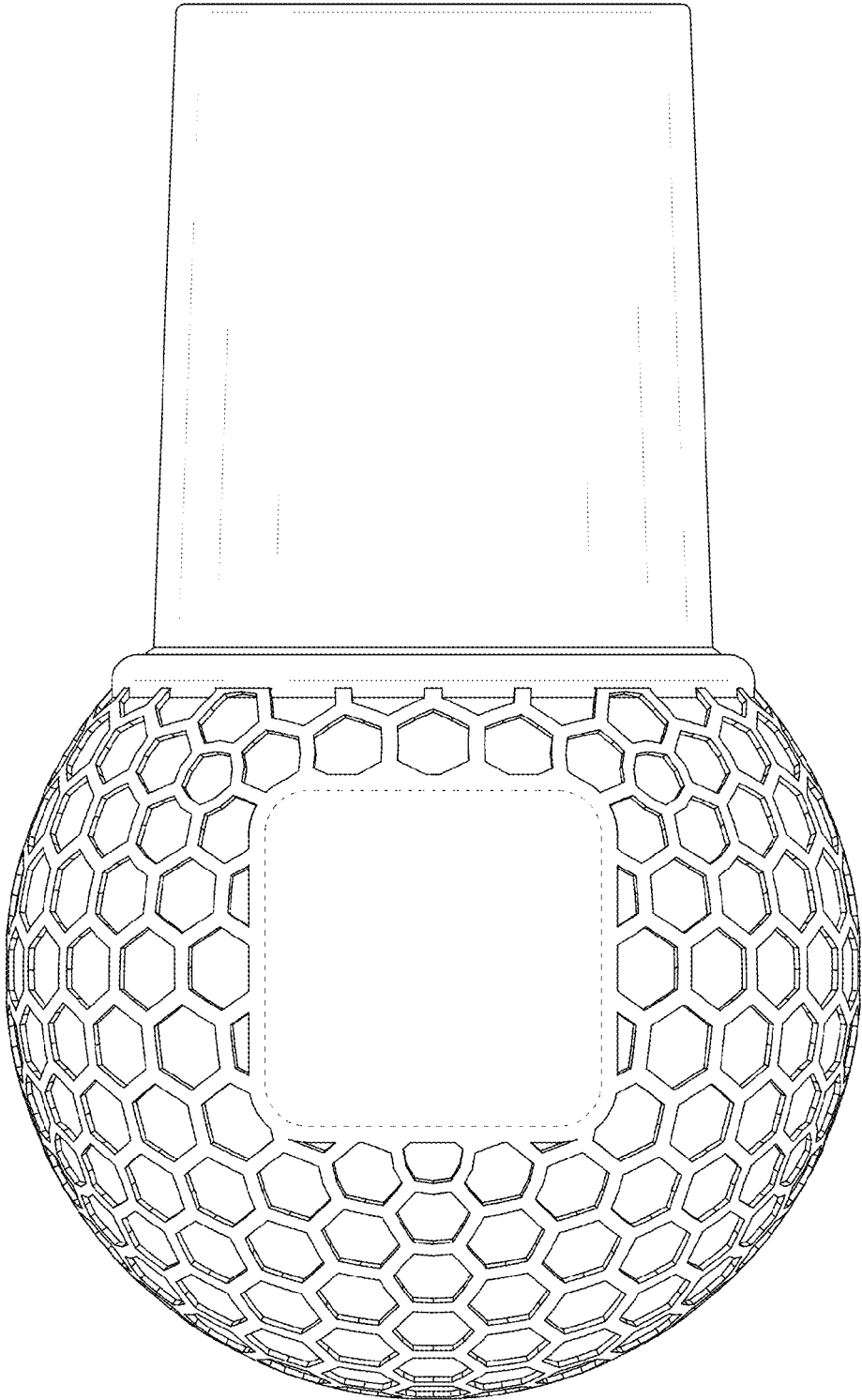


FIG. 2

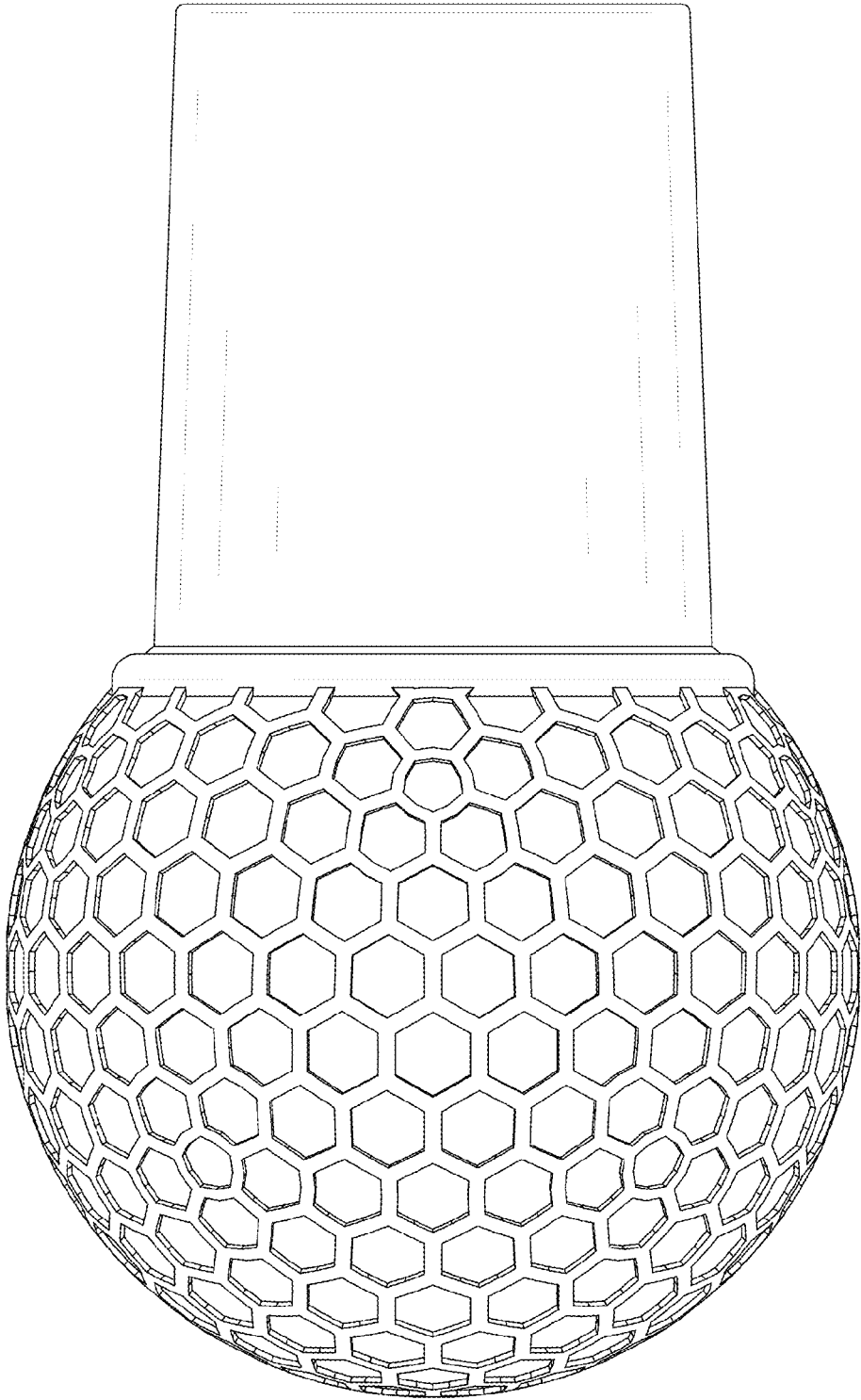


FIG. 3

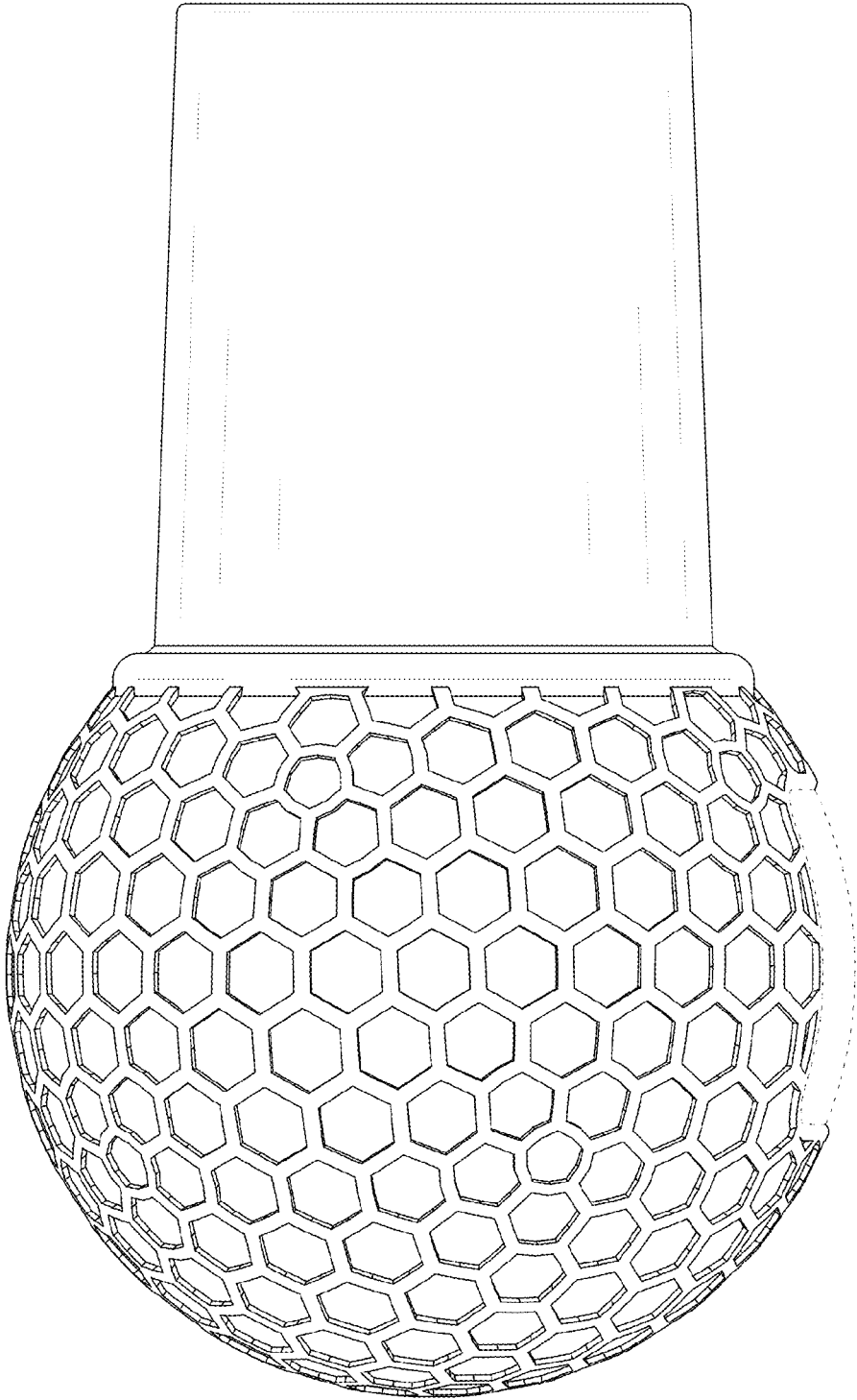


FIG.4

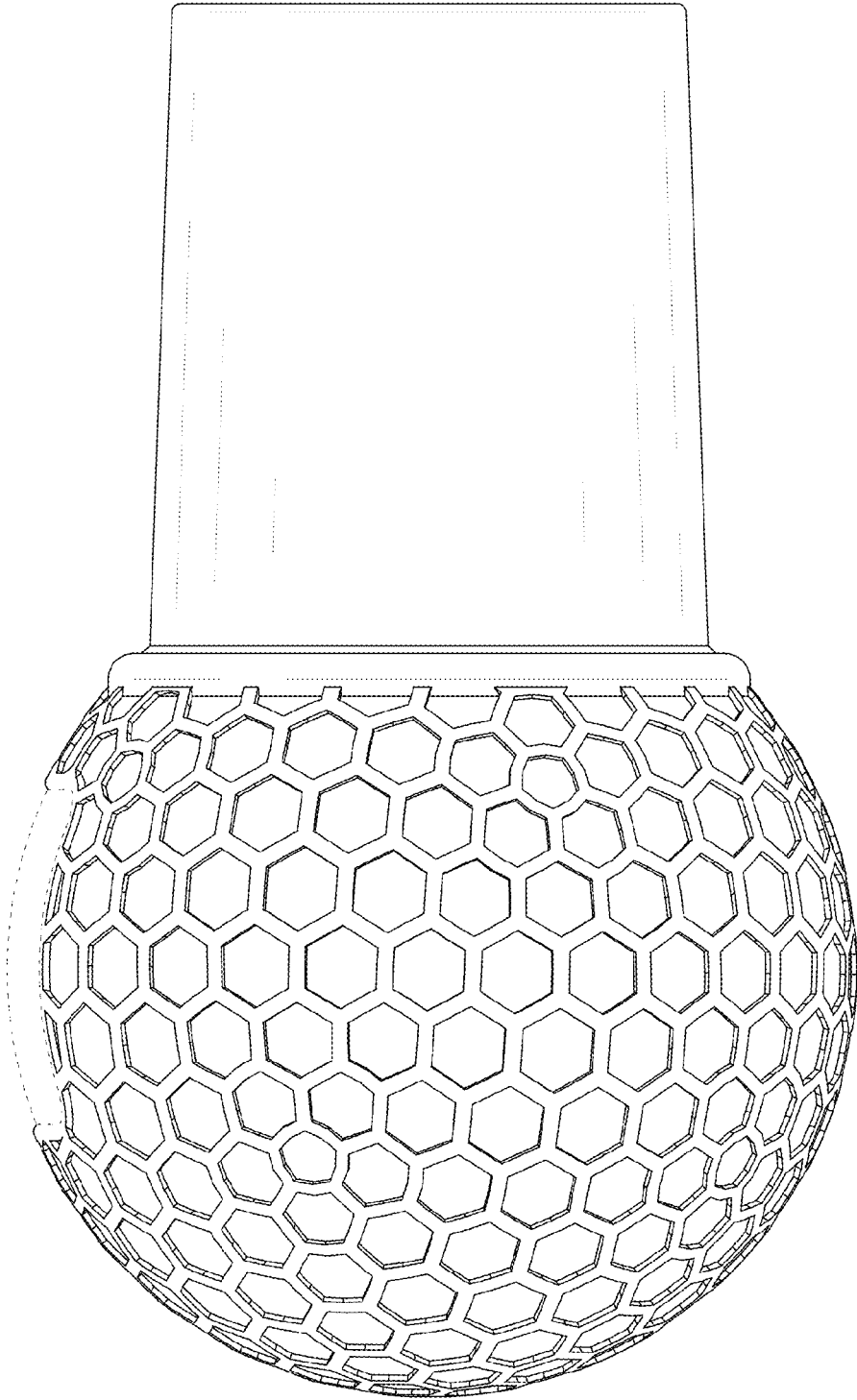


FIG.5

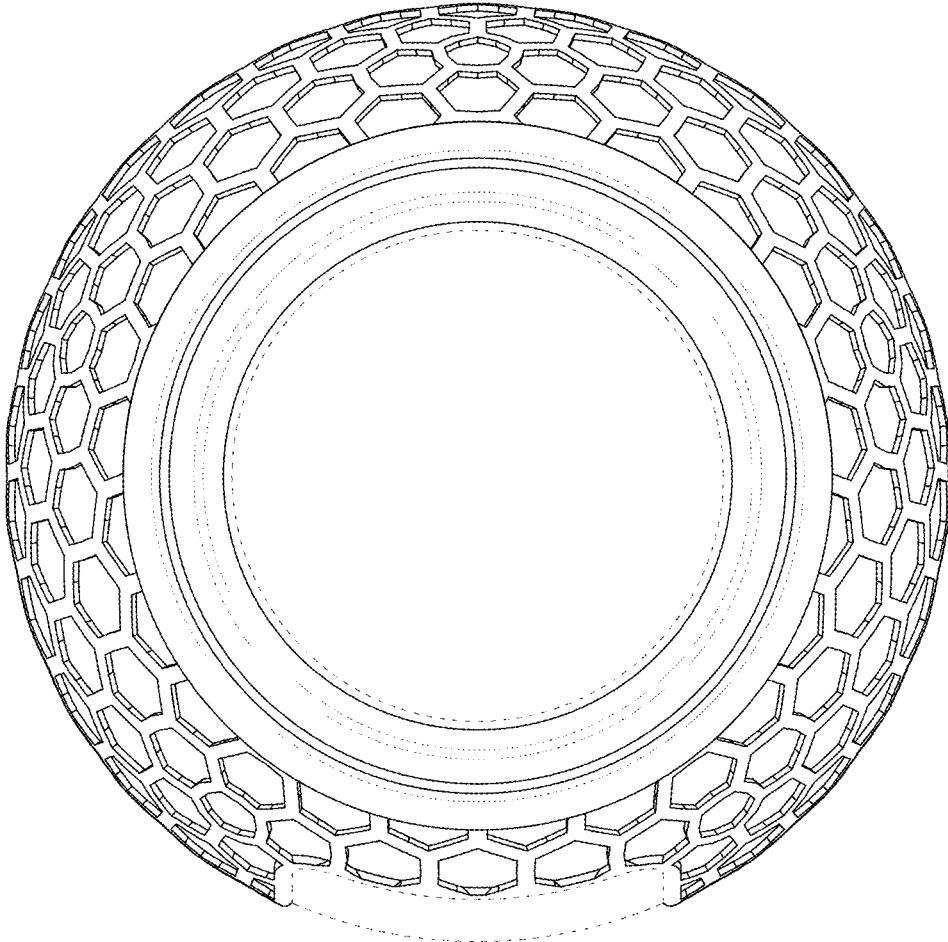


FIG. 6

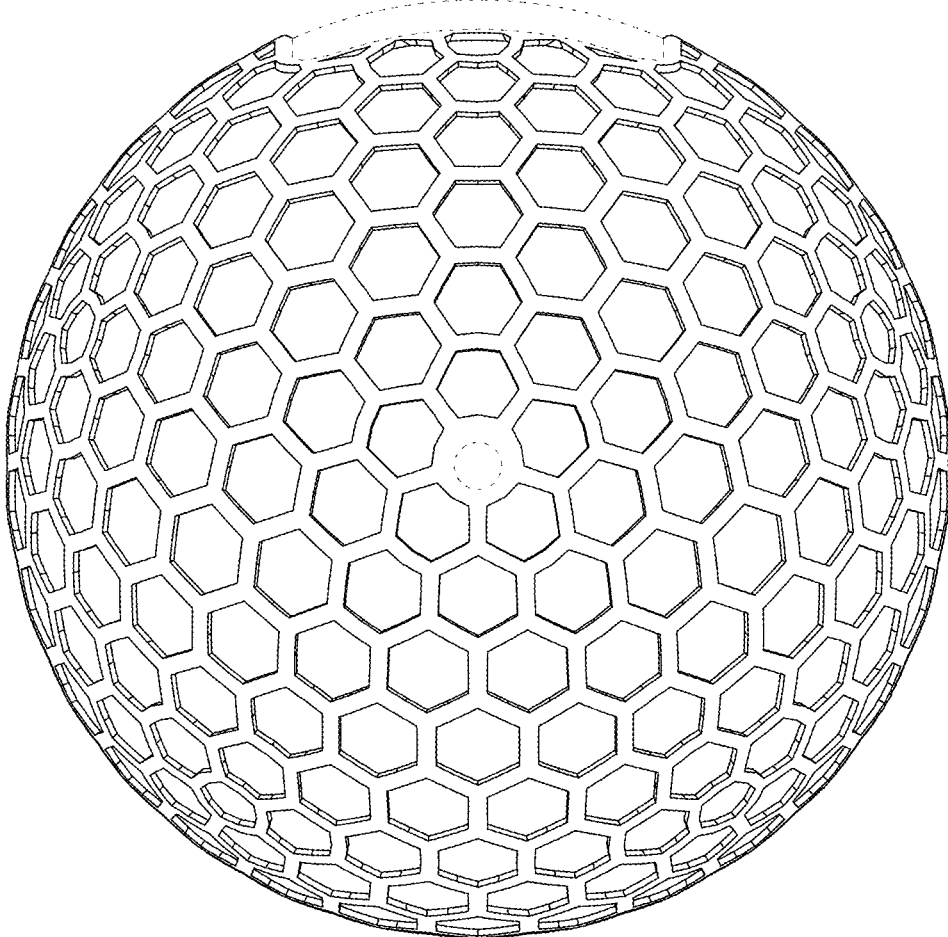


FIG. 7