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

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(54) **INFLATABLE HABITAT UNIT FOR PERMANENT HUMAN SETTLEMENT ON MARS**

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

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(51) **LOC (14) Cl.** **25-03**

(52) **U.S. Cl.**
USPC **D25/19; D25/13; D25/18**

(58) **Field of Classification Search**
USPC 446/423, 476, 478; 135/89, 100-101,
135/103-106, 115, 900, 902; 52/2.18;
482/35-36; D21/834-839; D25/1, 13,
D25/19, 56
CPC E04H 15/00; E04H 15/001; E04H 15/003;
E04H 15/18; E04H 15/20; E04H 15/201;
E04H 15/204; E04B 1/32; E04B 1/3211;
E04B 7/102; E04B 7/105; E04B 7/08;
E04B 7/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,590,448 A * 7/1971 Bryant E04G 11/06
D25/13
- 4,559,746 A * 12/1985 Ishler E04H 15/22
D25/19
- 5,170,599 A * 12/1992 Knight E04B 1/3211
D25/19

- D361,364 S * 8/1995 Winters D21/835
- D377,061 S * 12/1996 Gabriel D21/498
- D392,212 S * 3/1998 Nissim D11/131
- 6,318,390 B1 * 11/2001 Innis A45B 19/02
52/2.13
- D822,979 S * 7/2018 Wang D2/976
- D855,215 S * 7/2019 Long D25/19
- D939,728 S * 12/2021 Tognoli, Jr. A01G 9/14
D25/19
- D947,408 S * 3/2022 Whittington A45B 19/02
D25/19
- D949,436 S * 4/2022 Mejia D25/19
(Continued)

OTHER PUBLICATIONS

Mareekh Dynamics: An Introduction, posted Oct. 27, 2021 [online], [retrieved Dec. 14, 2022]. Retrieved from internet, https://www.youtube.com/watch?v=NY_FL-S58Co&list=TLGGjoCFY4AD_H4xNDEyMjAyMg&t=9s (Year: 2021).*
(Continued)

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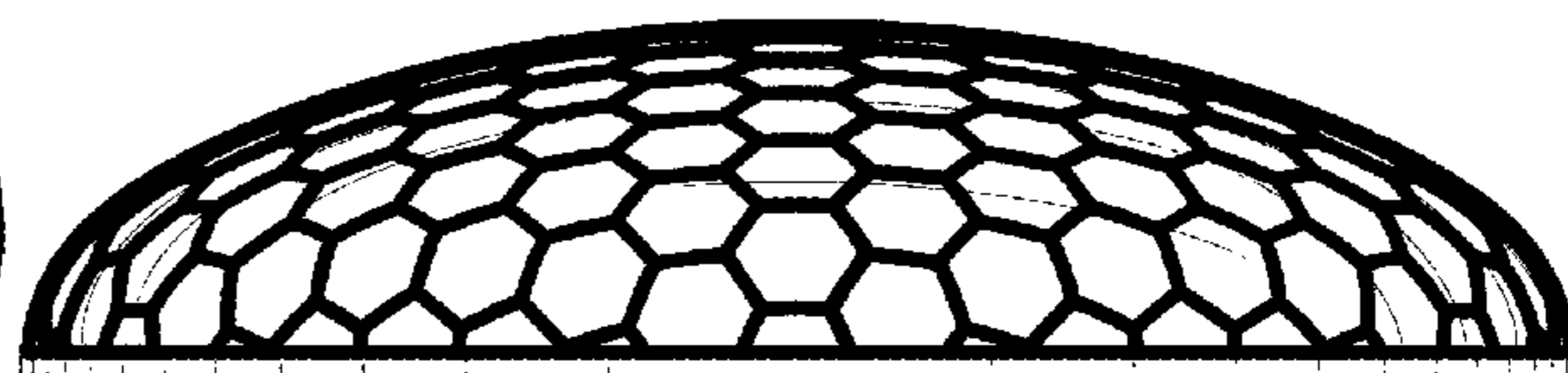
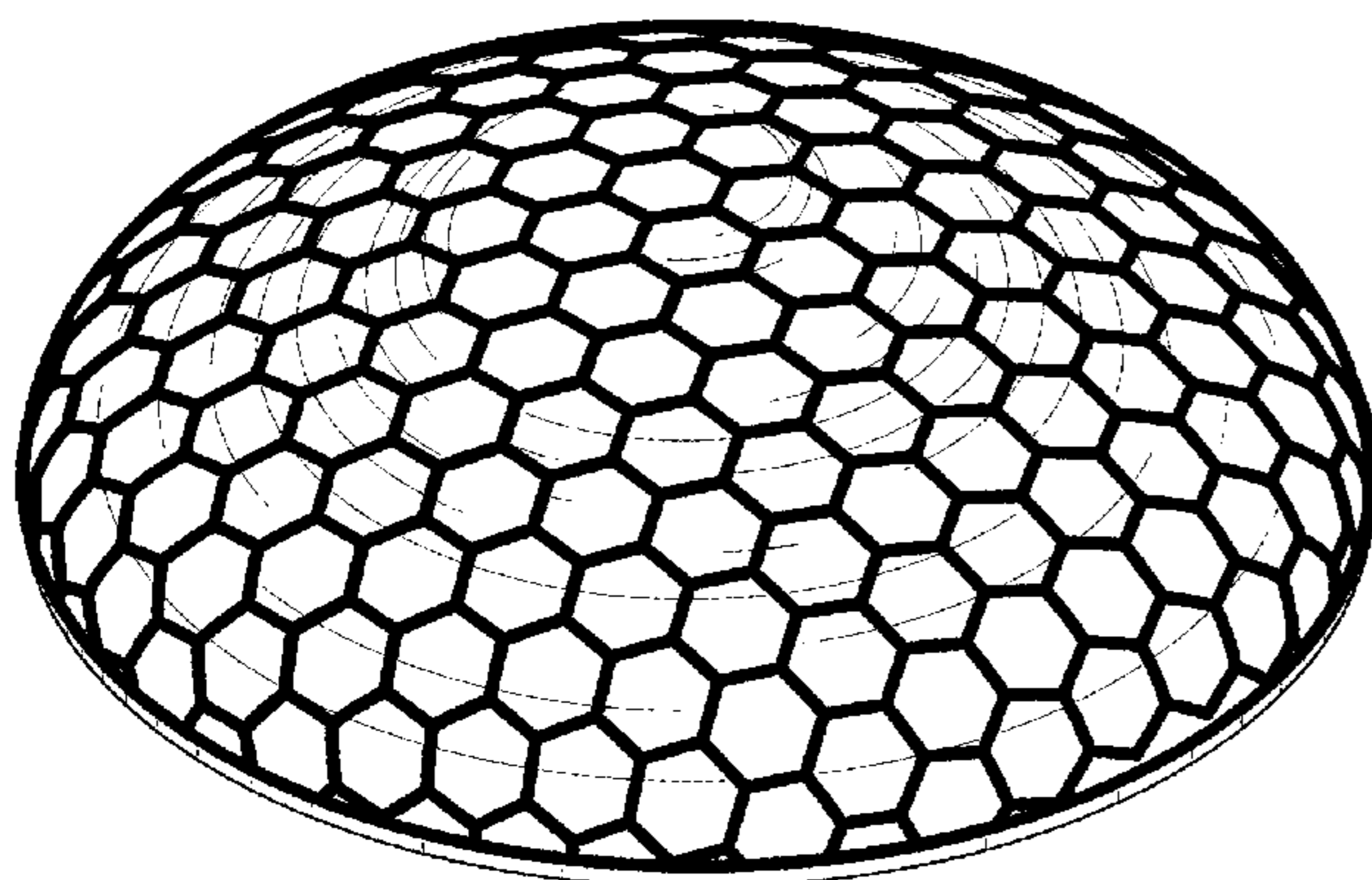
(57) **CLAIM**

The ornamental design for the inflatable habitat unit for permanent human settlement on Mars, as shown and described.

DESCRIPTION

FIG. 1 is a front top perspective view of the inflatable habitat unit for permanent human settlement on Mars showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D964,037 S * 9/2022 Cheers D3/322
D965,996 S * 10/2022 Bell E04H 15/22
D25/56
D966,553 S * 10/2022 Lee A62B 31/00
D25/19
D968,646 S * 11/2022 Dolan E04G 11/06
D25/19
2012/0103378 A1 * 5/2012 Vaitl A45B 19/02
135/98
2022/0165185 A1 * 5/2022 Luthwaite G09F 13/005

OTHER PUBLICATIONS

Mareekh Dynamics, posted (date unknown) [online], [retrieved Dec. 14, 2022]. Retrieved from internet, <https://www.mareekh.com/> (Year: 2022).*

* cited by examiner

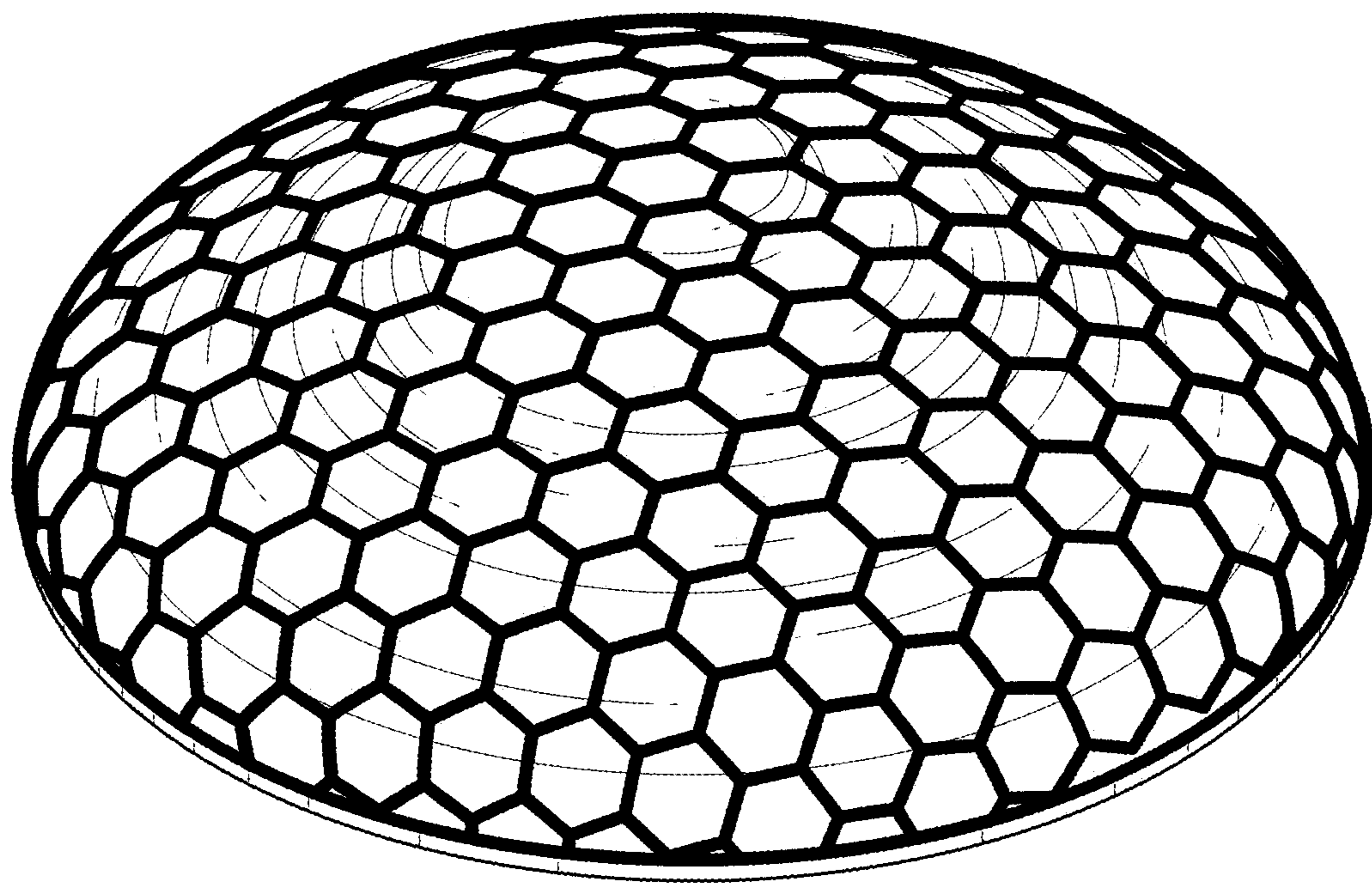


FIG. 1

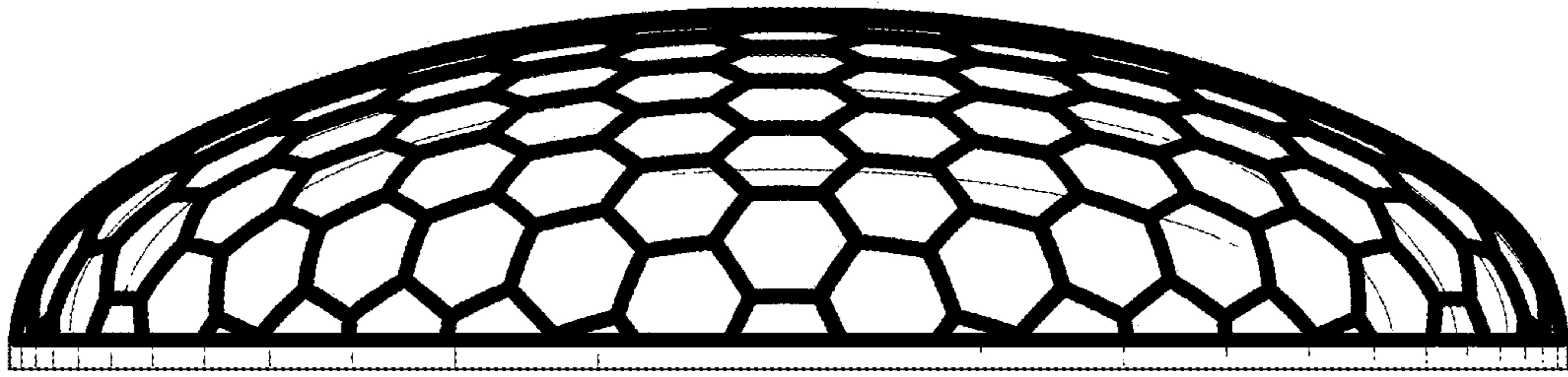


FIG. 2

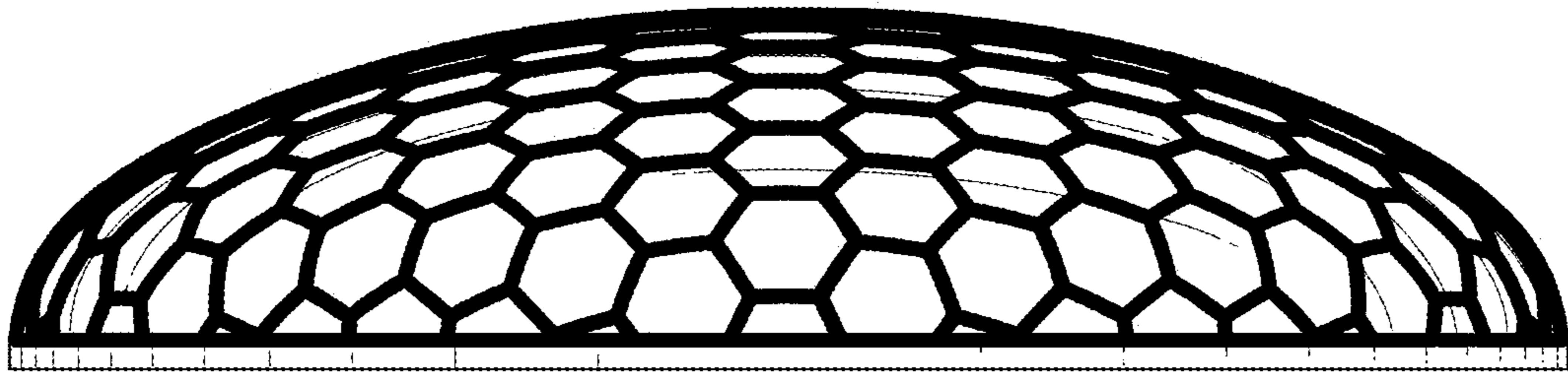


FIG. 3

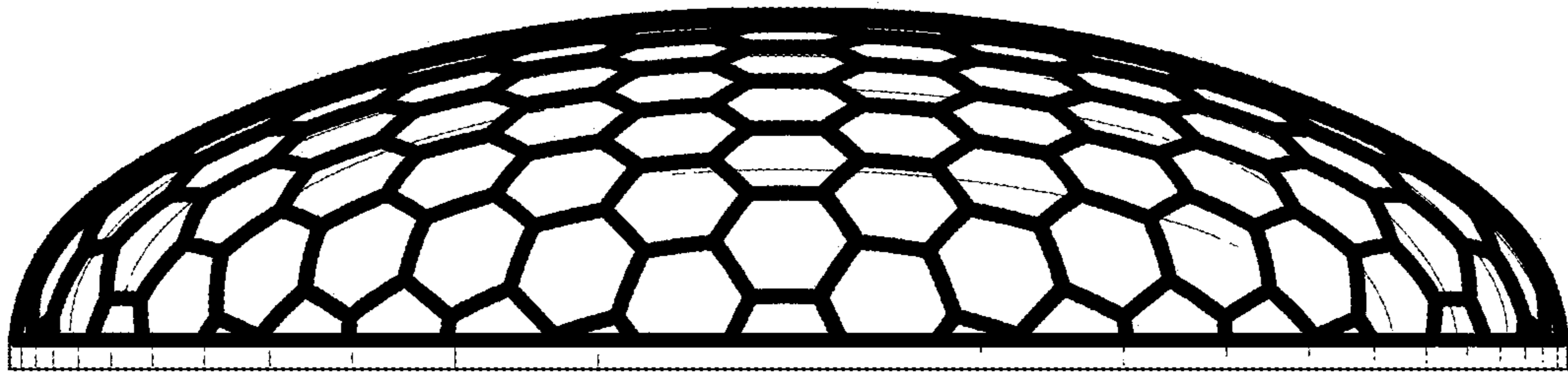


FIG. 4

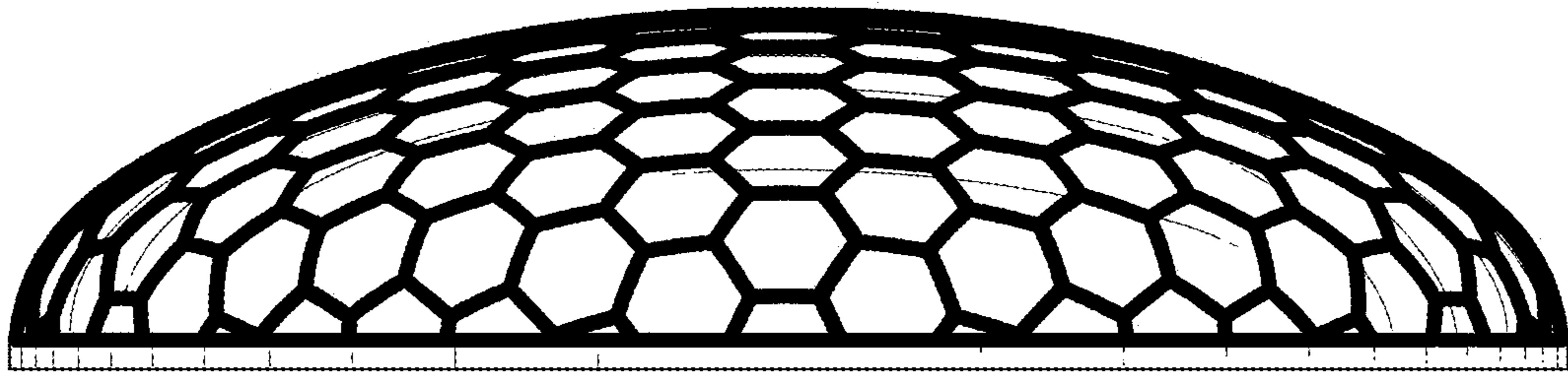


FIG. 5

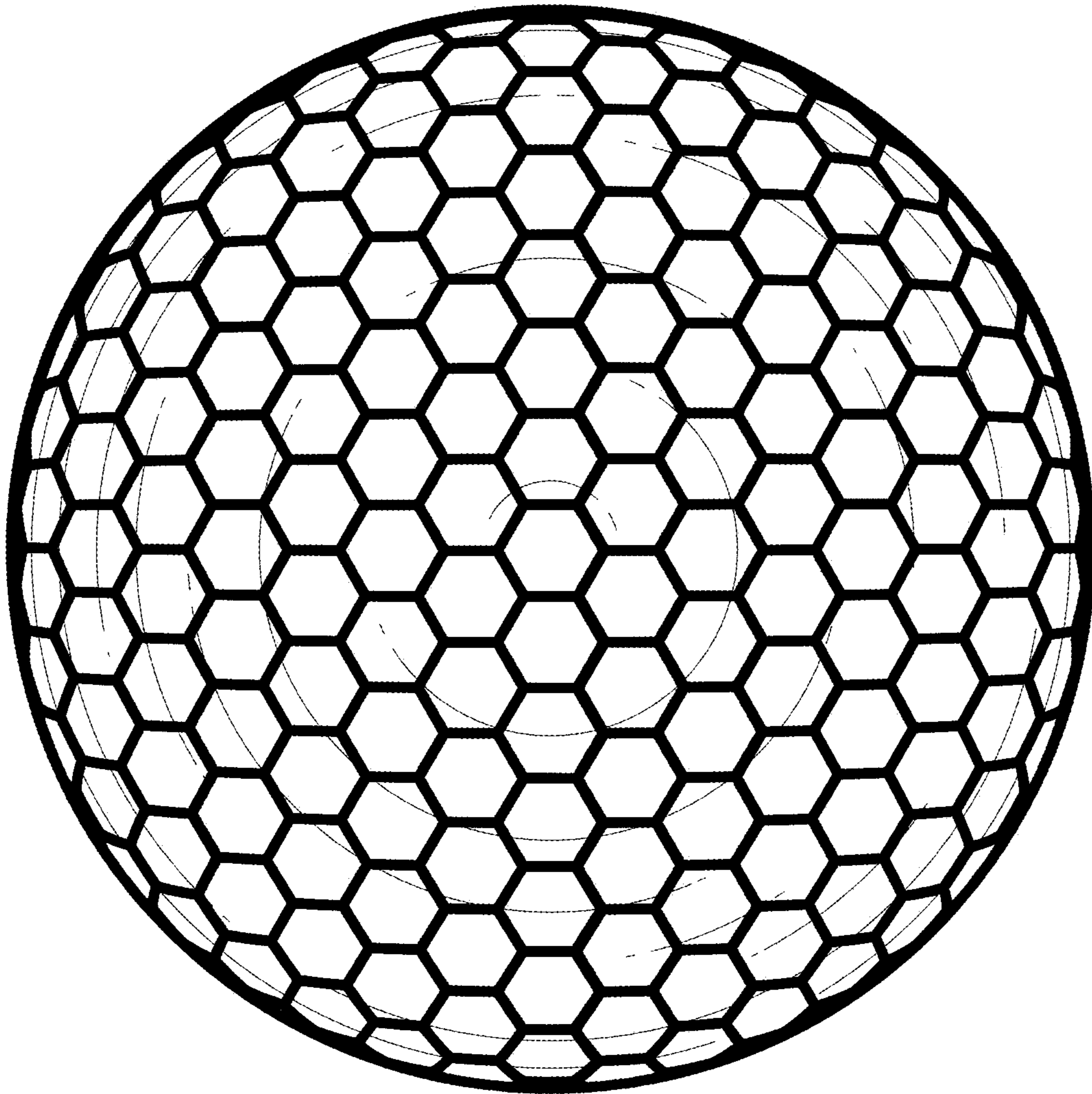


FIG. 6

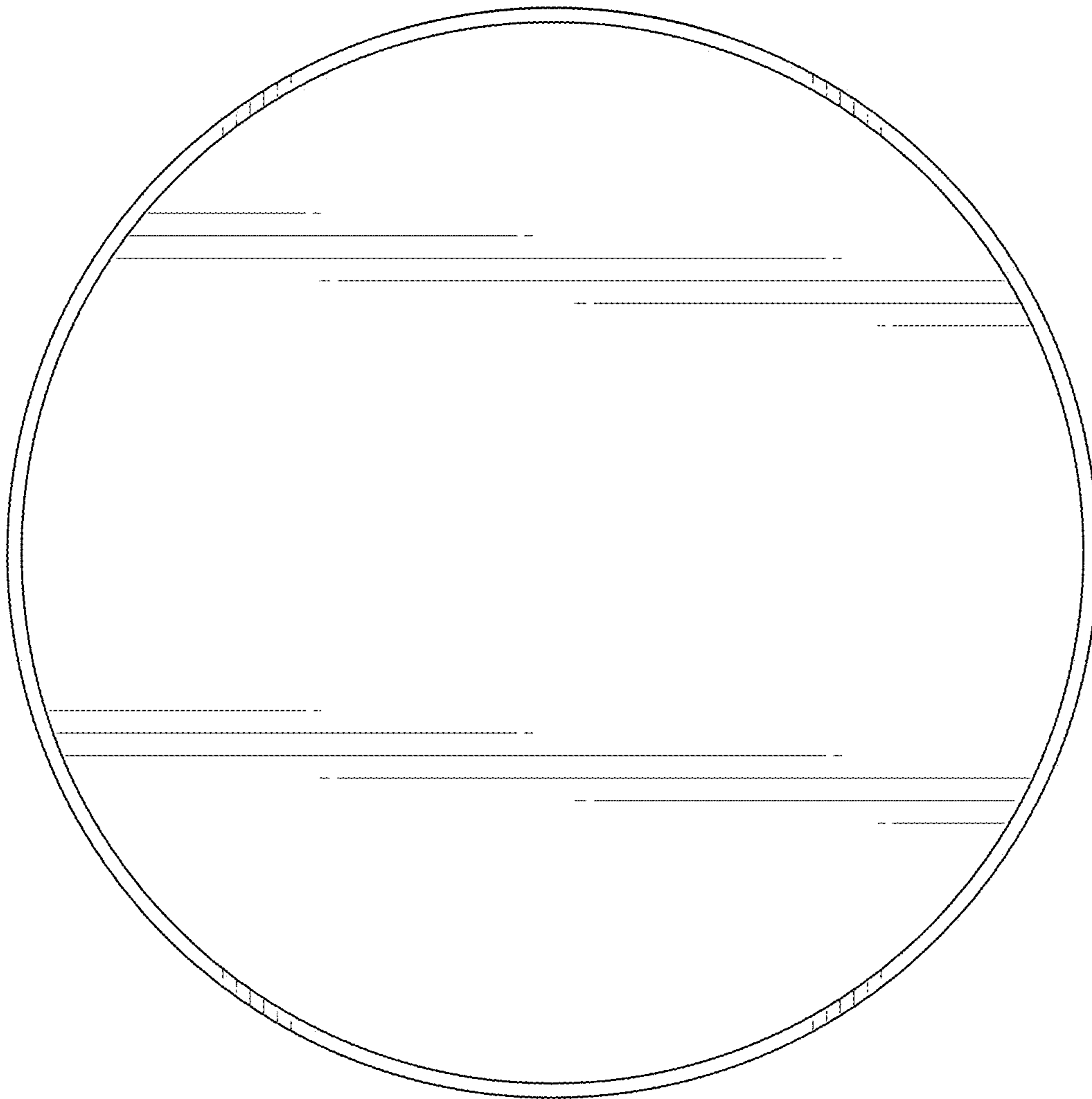


FIG. 7