



US0D1000928S

(12)

United States Design Patent

Cho

(10)

Patent No.:

US D1,000,928 S

(45)

Date of Patent:

** Oct. 10, 2023

(54) POLISHING PAD

(71) Applicant: Beng Youl Cho, Seoul (KR)

(72) Inventor: Beng Youl Cho, Seoul (KR)

(**) Term: 15 Years

(21) Appl. No.: 29/841,144

(22) Filed: Jun. 3, 2022

(51) LOC (14) Cl. 08-05

(52) U.S. Cl. D8/70; D8/90

(58) Field of Classification Search

USPC D8/62, 70, 90; D32/40, 25; 15/126

CPC B24B 37/26; B24B 37/24; B24D 9/08; B24D 13/14

See application file for complete search history.

5,054,246 A * 10/1991 Phaal B24D 99/00 51/307

5,533,923 A * 7/1996 Shamouilian B24B 37/26 451/36

5,778,481 A * 7/1998 Amsden B24B 37/26 15/97.1

5,782,682 A * 7/1998 Han B24B 7/22 451/529

D397,012 S * 8/1998 Hariu D15/139

6,019,672 A * 2/2000 Damgaard B24D 11/00 451/529

D426,560 S * 6/2000 Texler D15/139

6,071,182 A * 6/2000 Sunagawa B24D 7/063 451/526

D429,545 S * 8/2000 Denney D32/40

D429,859 S * 8/2000 Denney D32/40

D429,860 S * 8/2000 Denney D32/40

D430,716 S * 9/2000 Denney D32/40

D439,011 S * 3/2001 Linnette D28/7

6,241,596 B1 * 6/2001 Osterheld B24B 37/26 451/526

(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

2,319,873 A * 5/1943 Linz A47K 7/02 15/244.4

2,564,217 A * 8/1951 Taylor B24D 5/12 51/299

2,806,772 A * 9/1957 Robie B24D 3/344 51/296

3,464,166 A * 9/1969 Bouvier B24D 13/14 65/61

3,991,527 A * 11/1976 Maran B24D 7/06 451/529

4,055,029 A * 10/1977 Kalbow A47L 13/16 451/527

D247,672 S * 4/1978 Kruse A47L 13/16 D15/126

4,629,373 A * 12/1986 Hall B23B 27/146 428/408

5,012,545 A * 5/1991 Boy B24D 13/14 15/230.14

5,020,283 A * 6/1991 Tuttle B24B 13/01 451/550

Primary Examiner — Rachel A. Voorhies

Assistant Examiner — Benjamin D. Wannemacher

(74) Attorney, Agent, or Firm — Revolution IP, PLLC

(57) CLAIM

The ornamental design for a polishing pad, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a polishing pad showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

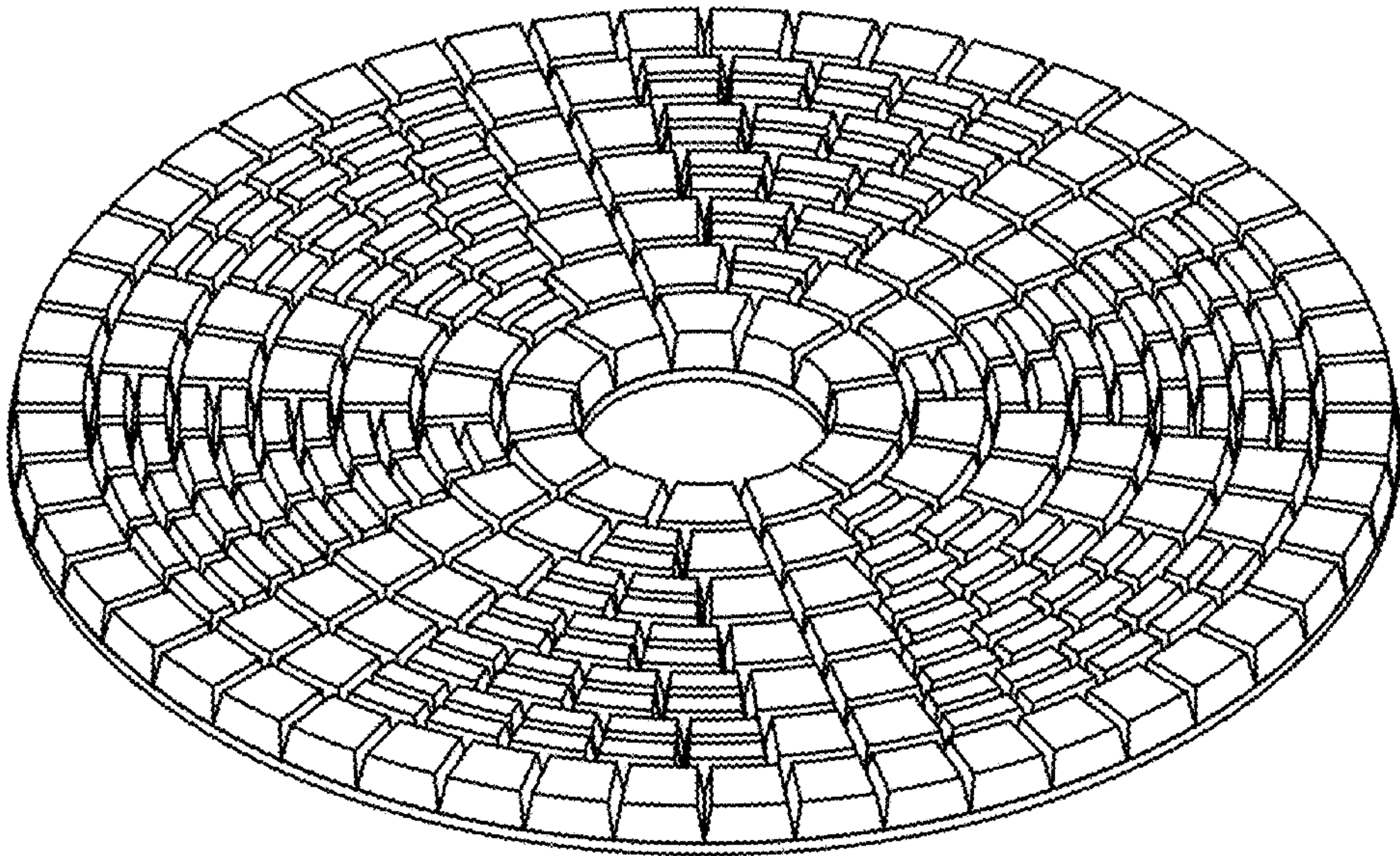
FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,439,986 B1 * 8/2002 Myoung B24B 53/017 451/443

6,540,597 B1 * 4/2003 Ohmori B24B 53/001 451/72

D474,666 S * 5/2003 Jeong D8/70

6,837,780 B1 * 1/2005 Broido B24B 37/16 451/527

D502,378 S * 3/2005 Kang D8/70

7,169,029 B2 * 1/2007 Petersen B24D 11/005 451/529

D541,124 S * 4/2007 Popov D8/70

D548,757 S * 8/2007 Ruan D15/126

D559,063 S * 1/2008 Okamoto D8/70

D559,648 S * 1/2008 Miyauchi D8/70

D581,236 S * 11/2008 Umbrell D8/70

D678,745 S * 3/2013 Nguyen D8/70

D684,611 S * 6/2013 Umbrell D15/126

D731,409 S * 6/2015 Erlich D13/102

D742,491 S * 11/2015 Yamaguchi D23/355

D767,840 S * 9/2016 Yamauchi D32/40

D804,923 S * 12/2017 Umbrell D32/40

D804,925 S * 12/2017 Umbrell D32/40

D837,015 S * 1/2019 Tchakarov D8/70

D840,206 S * 2/2019 Umbrell D8/70

D860,748 S * 9/2019 Patterson D8/70

D875,319 S * 2/2020 Powell D28/63

D952,432 S * 5/2022 Duan D8/20

D988,377 S * 6/2023 Zhang D15/126

2002/0127962 A1 * 9/2002 Cho B24B 53/12 451/443

2002/0137435 A1 * 9/2002 Hu B24D 7/10 451/36

2002/0187735 A1 * 12/2002 Nabeya B24B 37/26 451/446

2003/0019570 A1 * 1/2003 Chen B24B 37/24 156/252

2003/0182867 A1 * 10/2003 Son B24D 7/06 51/293

2004/0149567 A1 * 8/2004 Kosyachkov C23C 14/0623 204/298.12

2005/0070214 A1 * 3/2005 Marquardt B24B 57/02 451/285

2006/0079160 A1 * 4/2006 Balagani B24B 53/017 451/285

2006/0178099 A1 * 8/2006 Hishiki B24B 37/26 451/521

2007/0224920 A1 * 9/2007 Nakagawa B24B 37/26 451/41

2008/0003935 A1 * 1/2008 Feng B24B 37/26 451/527

2008/0085661 A1 * 4/2008 Hsu B24B 37/24 451/528

2008/0220702 A1 * 9/2008 Feng B24B 37/26 451/527

2012/0122380 A1 * 5/2012 Schwappach B24D 11/00 451/529

2018/0281150 A1 * 10/2018 Chen B24B 37/22

* cited by examiner

FIG. 1

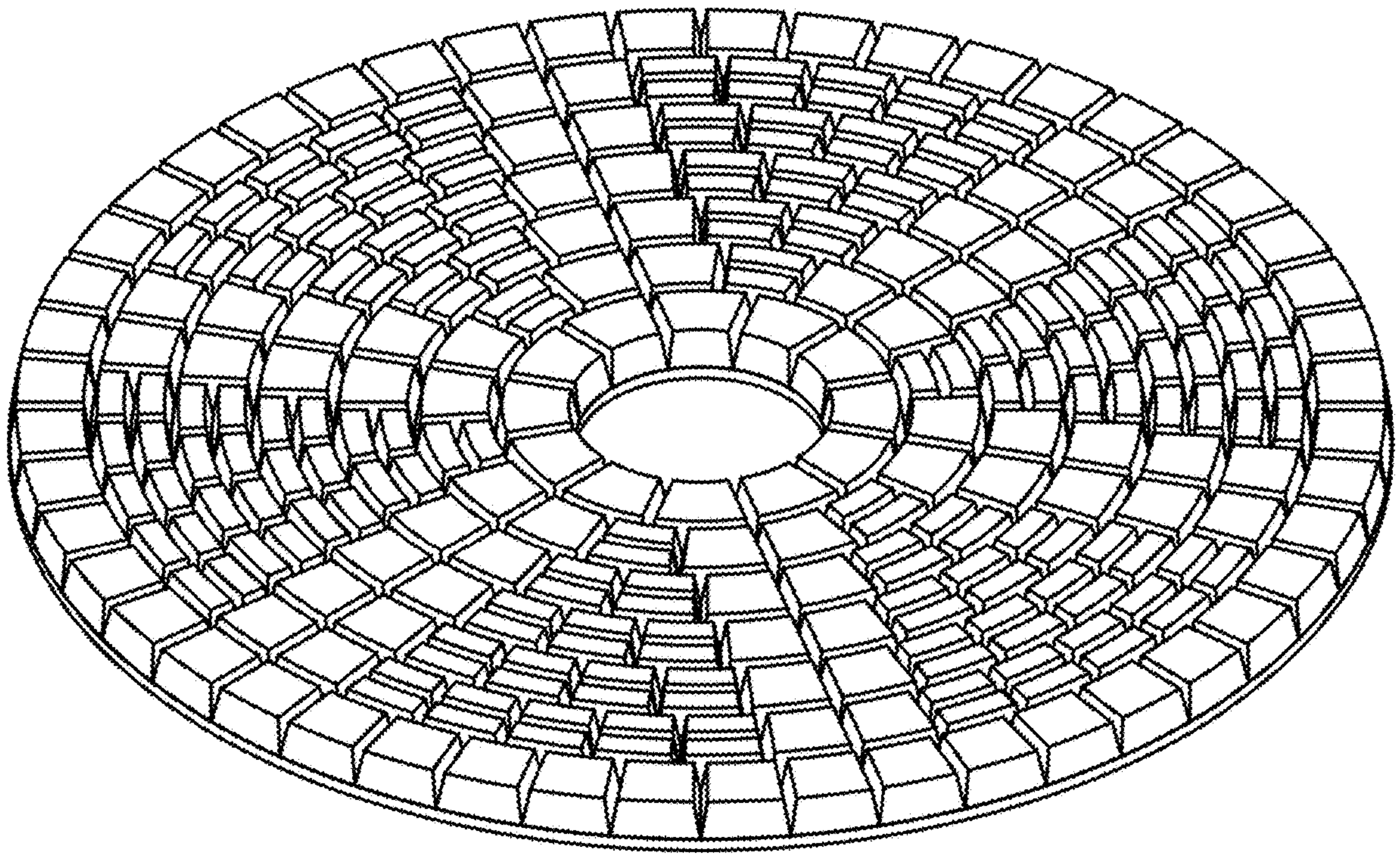


FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

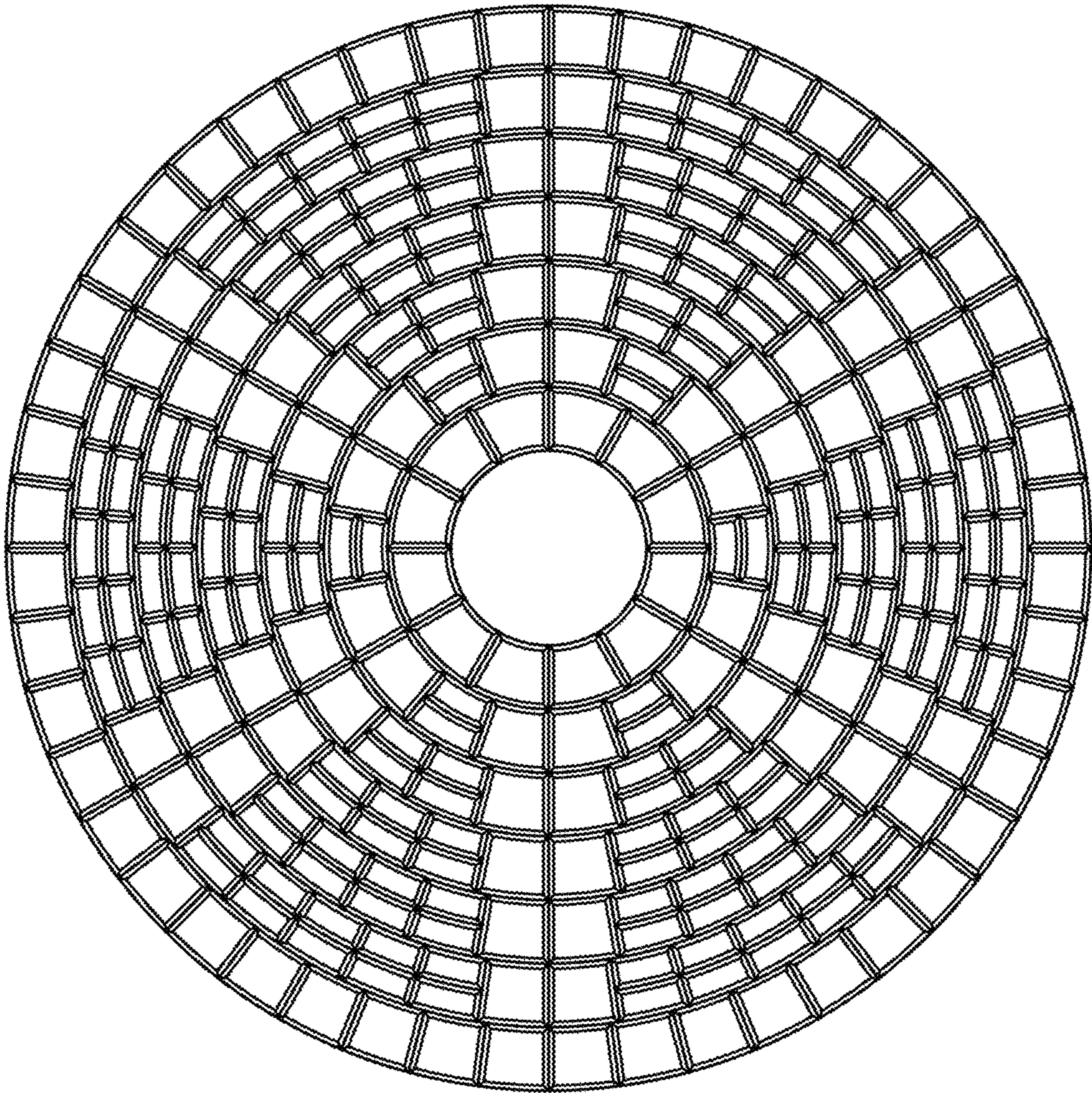


FIG. 7

