



US00D931915S

(12) **United States Design Patent** (10) **Patent No.:** **US D931,915 S**  
**Vanpeene** (45) **Date of Patent:** **\*\* Sep. 28, 2021**

(54) **CORE DESIGN FOR ABRASIVE ARTICLE**

(71) Applicants: **SAINT-GOBAIN ABRASIVES, INC.;**  
**SAINT-GOBAIN ABRASIFS,**  
Conflans-Sainte-Honorine (FR)

(72) Inventor: **Morgane Vanpeene,**  
Conflans-Sainte-Honorine (FR)

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

(21) Appl. No.: **35/508,952**

(22) Filed: **Sep. 27, 2019**

(80) **Hague Agreement Data**

Int. Filing Date: **Sep. 27, 2019**  
Int. Reg. No.: **DM/206683**  
Int. Reg. Date: **Sep. 27, 2019**  
Int. Reg. Pub. Date: **Apr. 3, 2020**

(51) **LOC (13) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/126**  
CPC ..... **B24B 53/017 (2013.01)**

(58) **Field of Classification Search**  
USPC ..... D8/70, 71, 90, 98, 8, 66, 23, 16, 52;  
D15/124-137, 138-143, 28, 29, 9, 17;  
D10/64, 65  
CPC ..... B24B 53/017; B24B 53/12  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D277,486 S \* 2/1985 Yanagiura ..... D15/126  
D407,618 S \* 4/1999 Fujikawa ..... D8/70  
D426,560 S \* 6/2000 Texler ..... D15/139  
6,077,581 A \* 6/2000 Kuramochi ..... B24B 37/11  
428/323  
D444,483 S \* 7/2001 Sunagawa ..... D15/126  
D460,767 S \* 7/2002 Kim ..... D15/139  
D486,839 S \* 2/2004 Sunagawa ..... D15/126

D498,486 S \* 11/2004 Eisenblaetter ..... D15/126  
D555,180 S \* 11/2007 Amamoto ..... D15/126  
D586,370 S \* 2/2009 Owen ..... D15/126  
D638,863 S \* 5/2011 Huh ..... D15/126  
D664,571 S \* 7/2012 Beyer ..... D15/125  
D679,299 S \* 4/2013 Greiderer ..... D15/126  
8,430,725 B2 \* 4/2013 Pajovic ..... B24D 13/16  
451/508  
D686,255 S \* 7/2013 Fu ..... D15/126  
D687,471 S \* 8/2013 Fu ..... D15/126  
D689,912 S \* 9/2013 Fu ..... D15/126  
D689,913 S \* 9/2013 Fu ..... D15/126  
D698,375 S \* 1/2014 Gosamo ..... D15/126  
D702,269 S \* 4/2014 Eisenblatter ..... D15/126  
D717,841 S \* 11/2014 Hoang ..... D15/133  
D717,842 S \* 11/2014 Hoang ..... D15/133  
D717,843 S \* 11/2014 Hoang ..... D15/133  
D724,635 S \* 3/2015 Eisenblatter ..... D15/126  
D741,384 S \* 10/2015 Norbygaard ..... D15/126  
D741,922 S \* 10/2015 Cowley ..... D15/136  
D782,549 S \* 3/2017 Takai ..... D15/126  
D852,240 S \* 6/2019 Ferronato ..... D15/126

(Continued)

*Primary Examiner* — Richard E Chilcot

(74) *Attorney, Agent, or Firm* — Abel Schillinger, LLP;  
Joseph Sullivan

(57) **CLAIM**

The ornamental design for a core design for abrasive article,  
as shown and described.

**DESCRIPTION**

1. Core design for abrasive article  
The following is a specification, and reference is made to the  
accompanying drawings that form part of the specification;  
reproduction 1.1 includes a top view of a core for an abrasive  
article; reproduction 1.2 includes a side elevation view of the  
core of reproduction 1.1; reproduction 1.3 includes a cross-  
sectional view of the core of Reproduction 1.1; reproduction  
1.4 includes a magnified view of section B of Reproduction  
1.3; reproduction 1.5 includes a bottom view of the core of  
Reproduction 1.1; reproduction 1.6 includes a magnified  
view of section C of Reproduction 1.5.

**1 Claim, 6 Drawing Sheets**



(56)

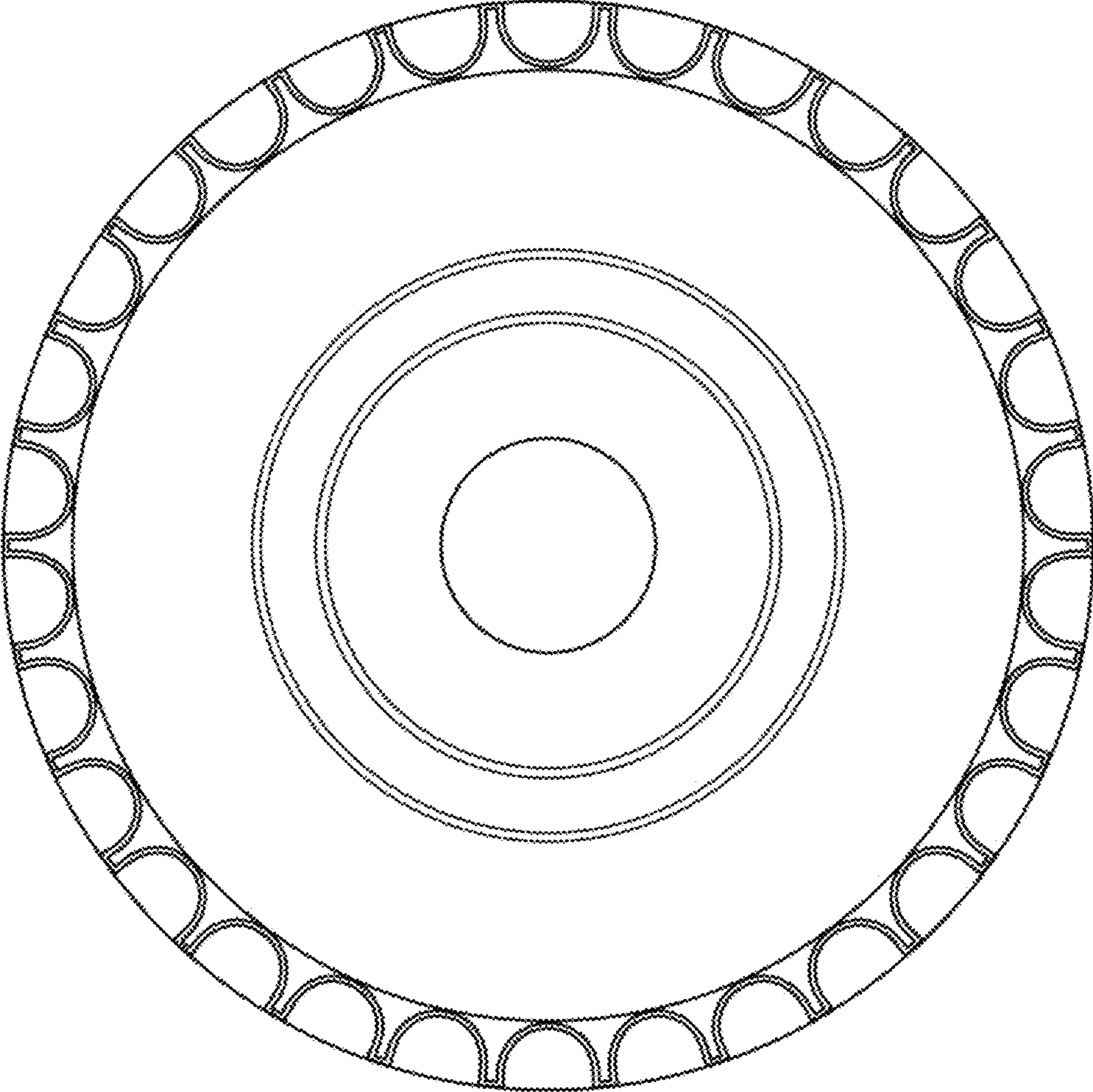
**References Cited**

U.S. PATENT DOCUMENTS

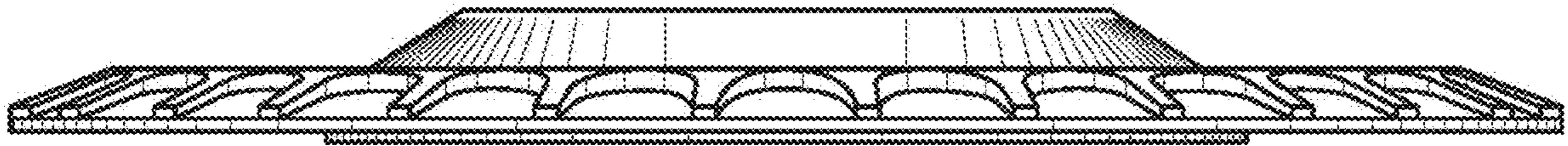
D873,782 S \* 1/2020 Garcia ..... D13/182  
2010/0015898 A1\* 1/2010 An ..... B24B 53/017  
451/443

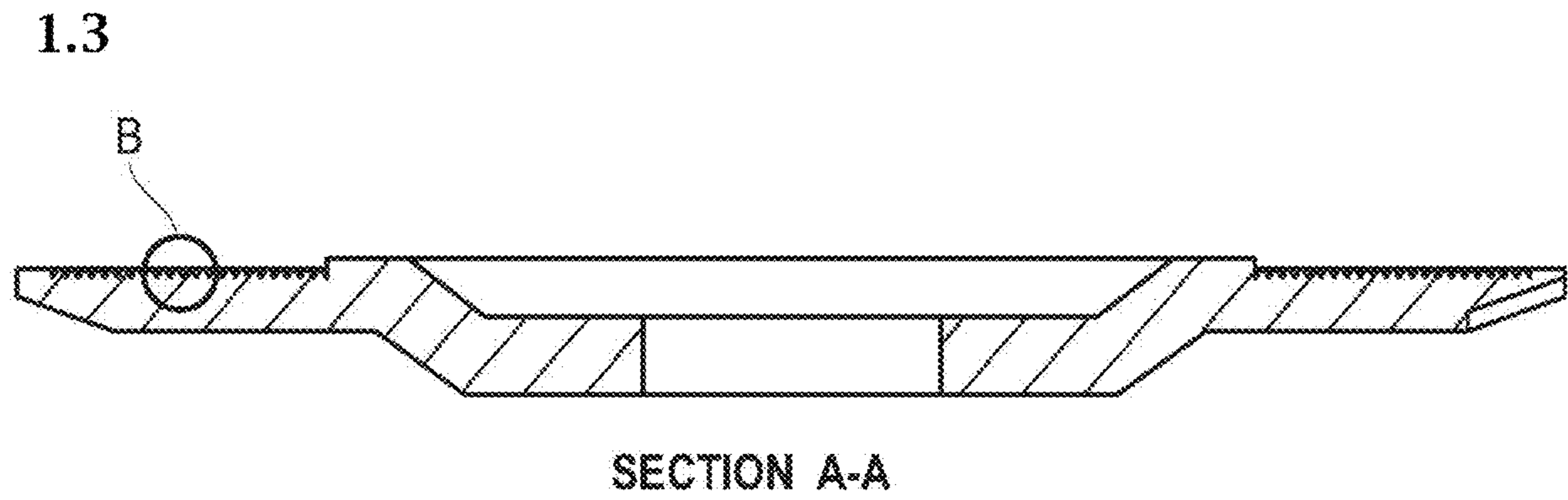
\* cited by examiner

1.1

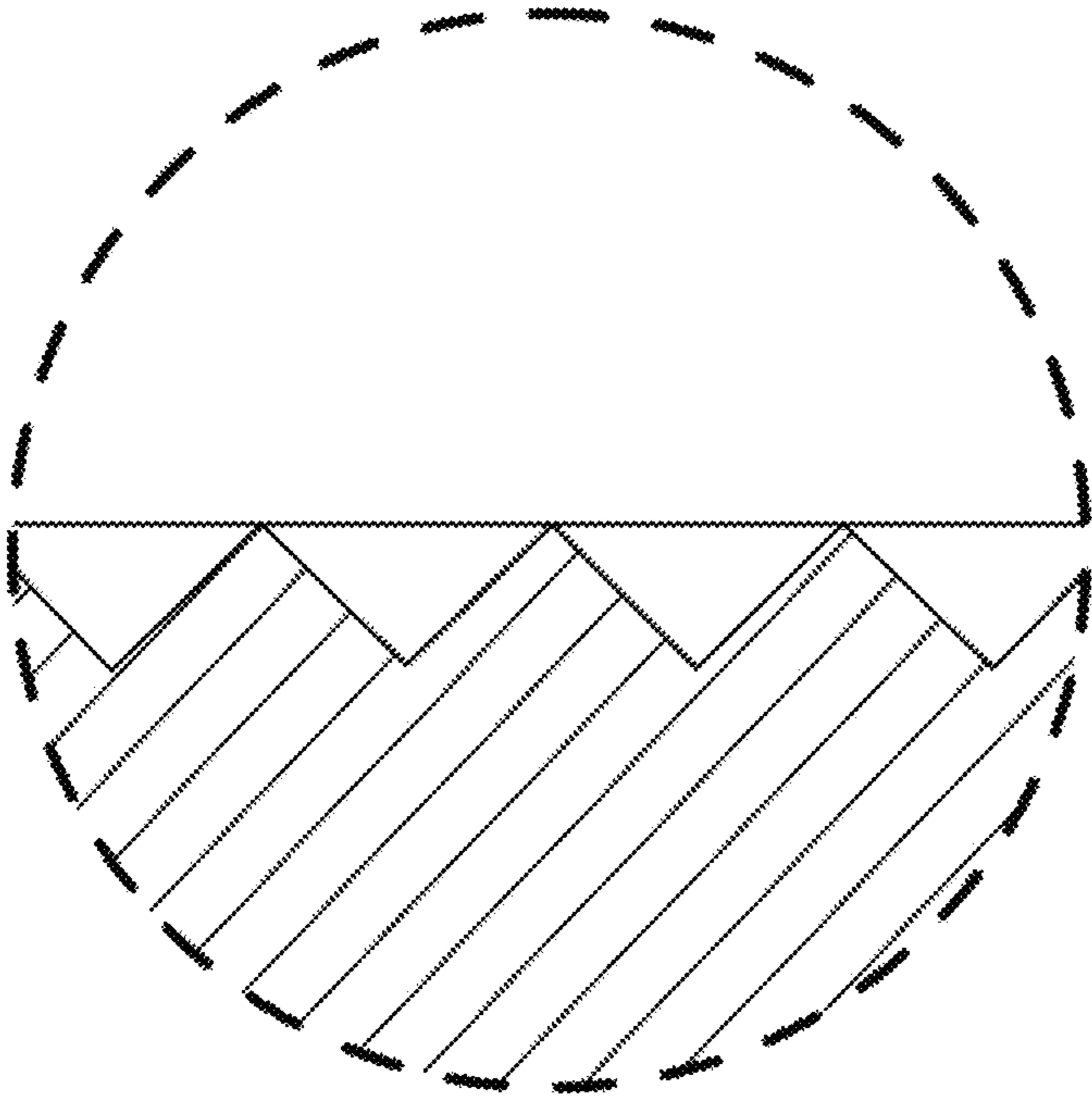


1.2



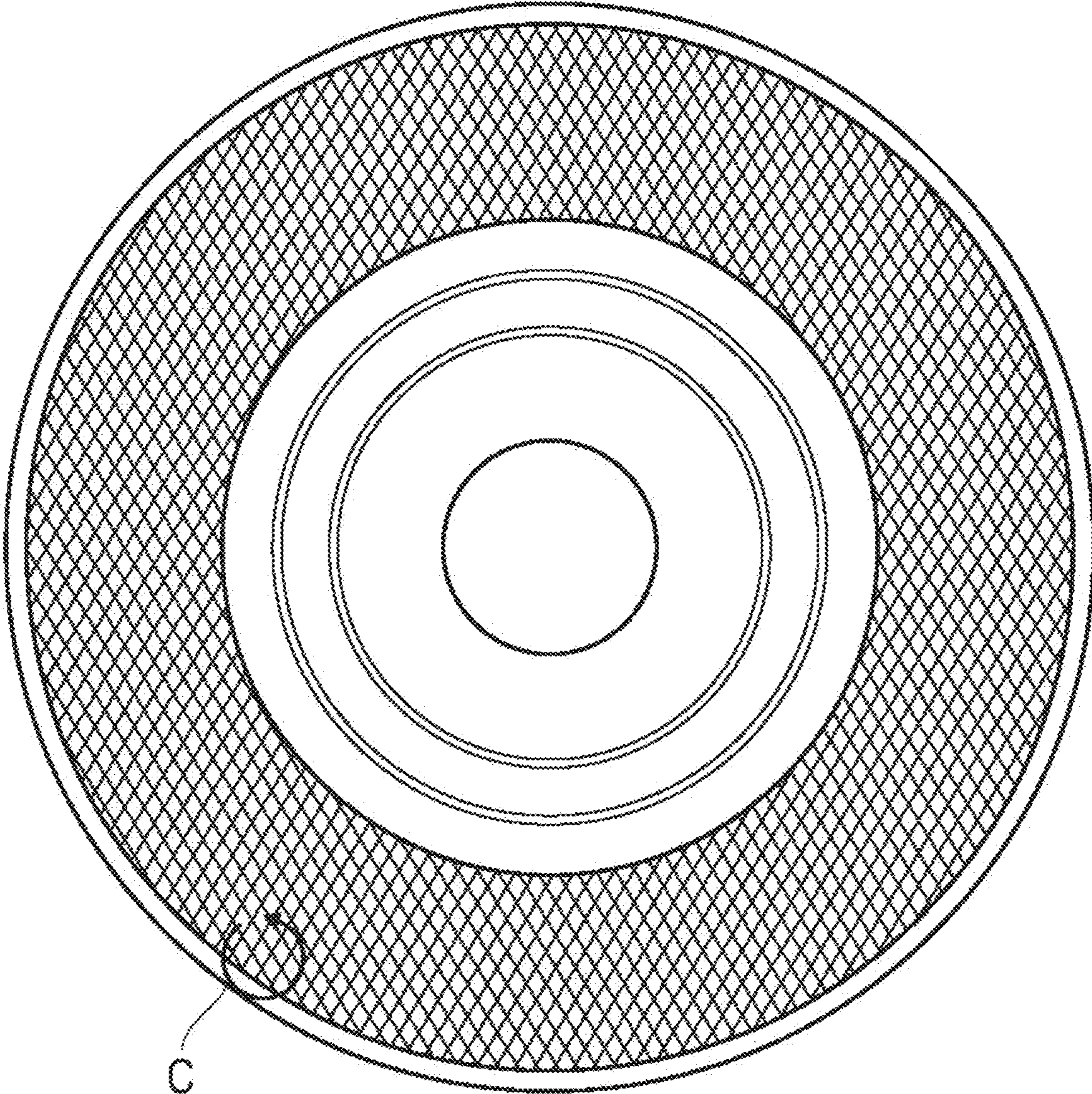


1.4

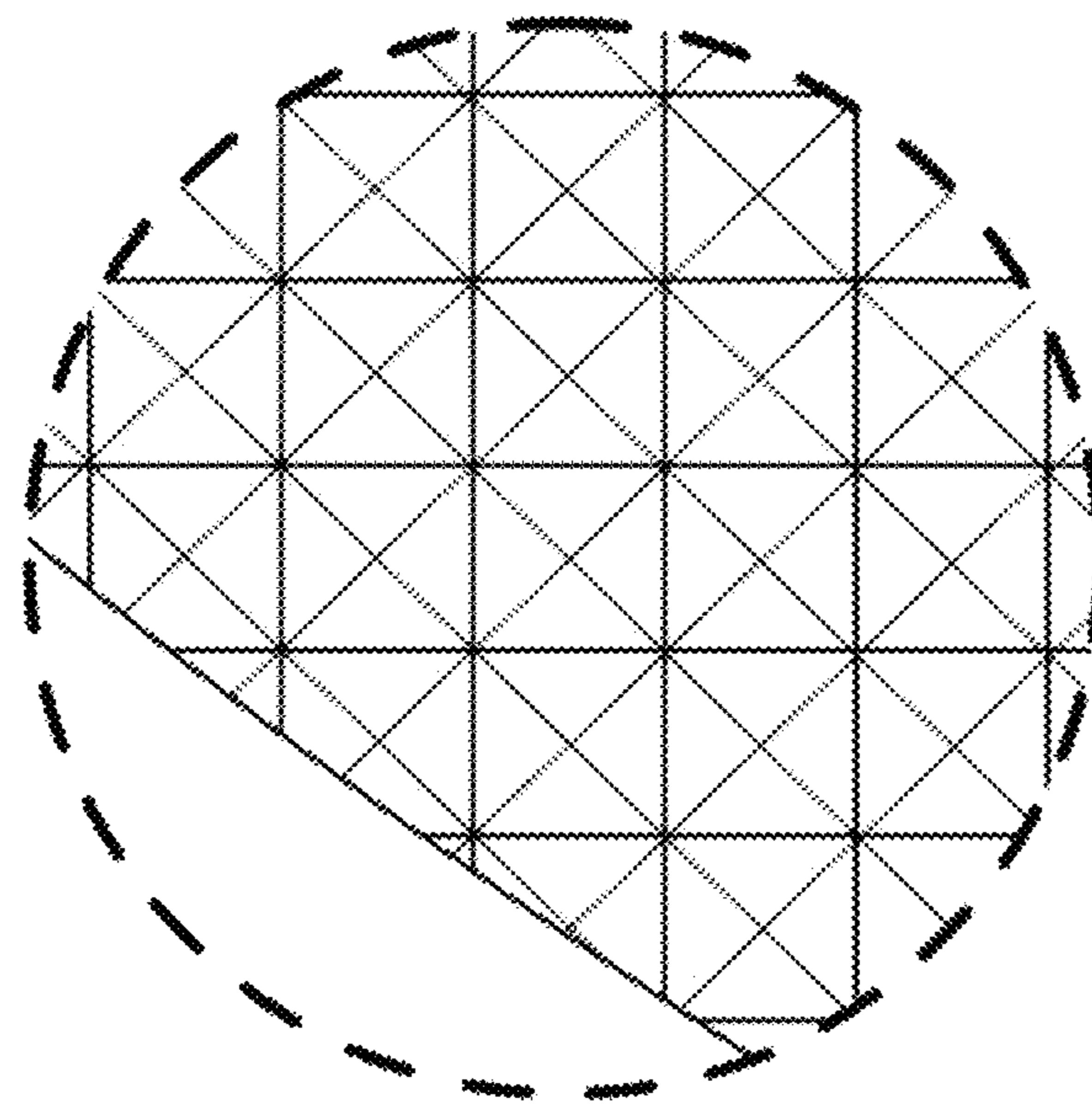


SECTION B

1.5



1.6



SECTION C