



US00D873108S

(12) **United States Design Patent** (10) **Patent No.:** **US D873,108 S**
Tchakarov et al. (45) **Date of Patent:** **** Jan. 21, 2020**

- (54) **POLISHING PAD**
- (71) Applicant: **HUSQVARNA AB**, Huskvarna (SE)
- (72) Inventors: **Tchavdar V. Tchakarov**, Monroe, MI (US); **Eric Gallup**, Rochester Hills, MI (US)
- (73) Assignee: **HUSQVARNA AB**, Huskvarna (SE)

5,076,023 A 12/1991 Saguchi
 5,170,595 A 12/1992 Wiand
 5,174,795 A 12/1992 Wiand
 (Continued)

FOREIGN PATENT DOCUMENTS

DE 20120137 U1 2/2002
 DE 102009008261 A1 8/2010
 (Continued)

- (**) Term: **15 Years**
- (21) Appl. No.: **29/612,729**
- (22) Filed: **Aug. 3, 2017**

OTHER PUBLICATIONS

Diamond Tool Supply, Inc., "Tools for Concrete" Catalog, (published on or before May 2013).
 (Continued)

Related U.S. Application Data

- (62) Division of application No. 29/493,195, filed on Jun. 6, 2014, now Pat. No. Des. 795,666.
- (51) **LOC (12) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/70**
- (58) **Field of Classification Search**
USPC D8/20, 61, 62, 63, 70; D32/35, 40, 42;
D15/124, 125, 126, 132, 138, 139, 140
CPC B24D 9/08; B24B 55/102
See application file for complete search history.

Primary Examiner — Michelle E. Wilson

(74) *Attorney, Agent, or Firm* — Burr & Forman, LLP

(57) **CLAIM**

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

DESCRIPTION

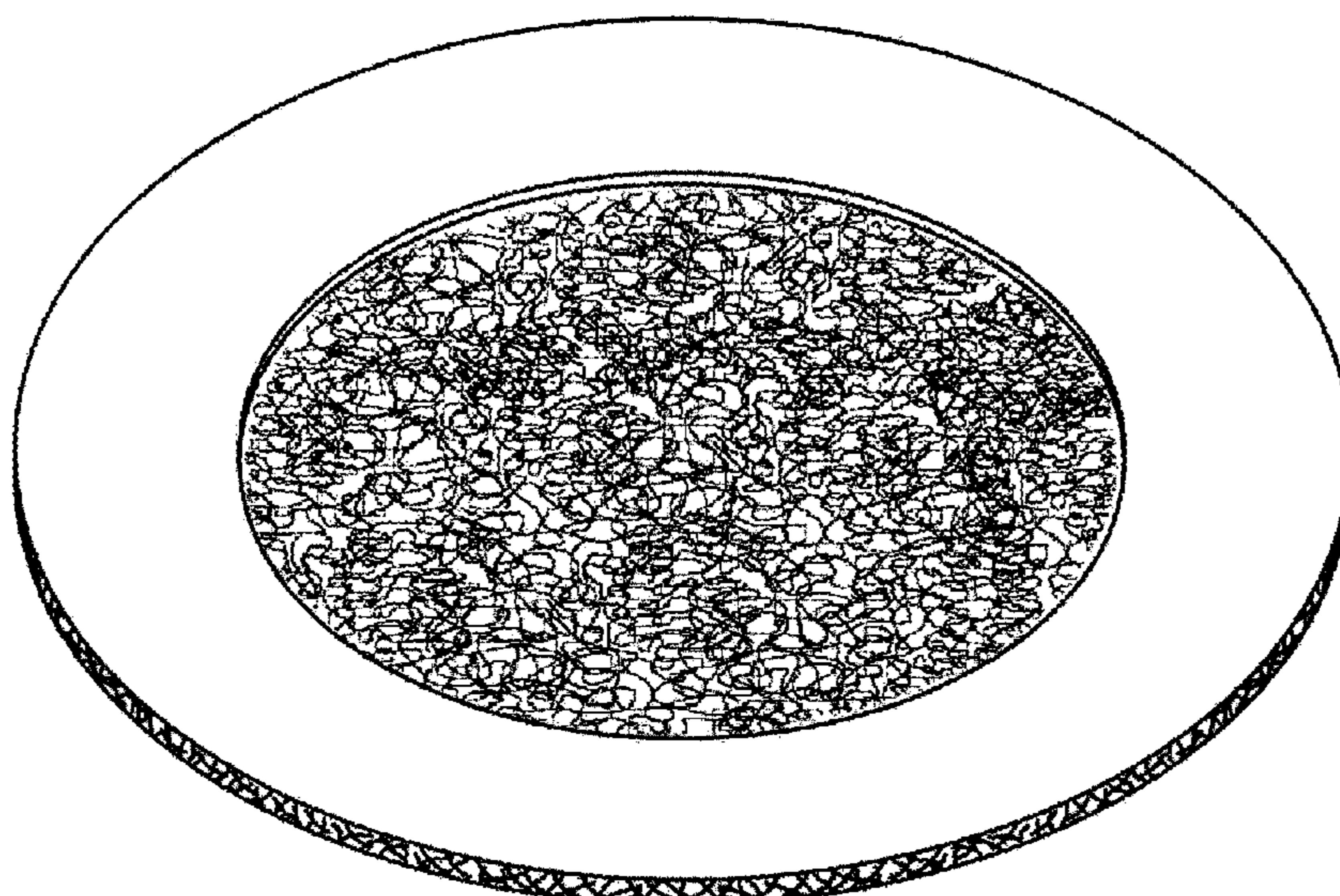
FIG. 1 is a perspective view of the polishing pad in accordance with the present invention;
 FIG. 2 is a workpiece-facing plan view of the polishing pad shown in FIG. 1;
 FIG. 3 is an opposite plan view from that of FIG. 2 of the polishing pad shown in FIG. 1; and,
 FIG. 4 is a side elevation view of the polishing pad shown in FIG. 1.

The broken lines form no part of the claimed design. The pattern designations shown in the figures are not intended to claim the specific patterns or materials but are instead intended to claim that the appearance of the outer ring (e.g., FIGS. 1 and 2) is different than the appearance of the center and backside of the polishing pad (e.g., FIGS. 1-3).

1 Claim, 3 Drawing Sheets

(56) **References Cited**
U.S. PATENT DOCUMENTS

2,225,193 A	12/1940	Benner
2,425,368 A	8/1947	Doermann
3,121,982 A	2/1964	Miller
3,464,166 A	9/1969	Bouvier
3,517,466 A	6/1970	Bouvier
3,823,516 A	7/1974	Christian
3,934,377 A	1/1976	Tertinek
4,271,557 A	6/1981	Caron
4,502,174 A	3/1985	Rones
4,724,567 A	2/1988	Rones
5,054,245 A	10/1991	Coty



(56)

References Cited

U.S. PATENT DOCUMENTS

5,247,765 A 9/1993 Quintana
 D367,743 S * 3/1996 Krause D15/126
 5,567,503 A 10/1996 Sexton et al.
 5,586,930 A 12/1996 Hayashi et al.
 5,605,493 A 2/1997 Donatelli et al.
 5,607,345 A 3/1997 Barry et al.
 5,782,682 A 7/1998 Han et al.
 5,970,559 A 10/1999 Christy
 6,196,911 B1 3/2001 Preston et al.
 6,234,886 B1 5/2001 Rivard et al.
 6,261,164 B1 7/2001 Rivard et al.
 6,371,842 B1 4/2002 Romero
 D510,850 S * 10/2005 Boler, Jr. D8/70
 7,033,258 B2 4/2006 Jordan
 7,059,801 B2 6/2006 Snyder et al.
 7,104,739 B2 9/2006 Lagler
 7,147,548 B1 12/2006 Mehrabi
 7,204,745 B2 4/2007 Thysell
 7,223,161 B2 5/2007 Kodani et al.
 D559,063 S * 1/2008 Okamoto D8/70
 D576,855 S * 9/2008 Okamoto D8/70
 D581,237 S * 11/2008 Okamoto D8/70
 D584,591 S * 1/2009 Tano D8/70
 7,481,602 B2 1/2009 Lampley et al.
 7,506,644 B2 3/2009 Park
 7,520,800 B2 4/2009 Duescher
 D592,029 S * 5/2009 Tano D8/70
 D592,030 S * 5/2009 Tano D8/70
 D600,989 S * 9/2009 Tano D8/70
 D612,874 S 3/2010 Nilsson et al.
 7,670,208 B2 3/2010 Thyself et al.
 7,713,109 B2 5/2010 Estes
 7,744,447 B2 6/2010 Kodani et al.
 7,815,393 B2 10/2010 Snyder et al.
 7,997,960 B2 8/2011 Williams, Sr.
 8,147,297 B2 4/2012 Hamm et al.
 8,176,909 B2 5/2012 Ilgner
 8,192,255 B2 6/2012 Gallup et al.
 8,272,924 B2 9/2012 Van Eijden et al.
 D678,745 S * 3/2013 Nguyen D8/70
 8,464,420 B2 6/2013 Ye

D694,081 S * 11/2013 Wright D8/70
 8,790,164 B2 7/2014 Rivard et al.
 D731,448 S * 6/2015 Kinoshita D13/182
 D732,917 S * 6/2015 Valentini D8/70
 D743,456 S 11/2015 Shinozaki
 9,174,326 B2 11/2015 Ahonen
 D795,666 S 8/2017 Tchakarov et al.
 9,925,645 B2 3/2018 Song et al.
 2005/0164620 A1 7/2005 Amamoto
 2005/0172428 A1 8/2005 Thysell
 2005/0227600 A1 10/2005 Fisher
 2007/0254568 A1 11/2007 Park
 2007/0292207 A1 12/2007 Reed et al.
 2008/0108286 A1 5/2008 Thysell et al.
 2008/0176498 A1 7/2008 Rossi et al.
 2009/0191799 A1 7/2009 Rivard
 2011/0223845 A1 9/2011 Van Der Veen et al.
 2011/0300784 A1 12/2011 Tchakarov et al.
 2013/0225051 A1 8/2013 Vankouwenberg
 2013/0324021 A1 12/2013 Ryan
 2016/0083967 A1 3/2016 Tchakarov et al.

FOREIGN PATENT DOCUMENTS

JP S56-94267 U 7/1981
 JP H01117854 U 8/1989
 JP 2004025401 A 1/2004
 JP 2004276197 A 10/2004
 JP 2006068885 A 3/2006
 JP 2012232378 A 11/2012
 KR 100816026 B1 3/2008
 KR 100853547 B1 8/2008

OTHER PUBLICATIONS

Diamond Tool Supply, Inc., "Floor Maintenance and Cleaning—Vortex" Catalog, (published on or before May 2013).
 HTC, "Professional Floor Systems" Product catalog 2014, www.htc-floorsystems.com, 2014.
 "Diamond Tools for Construction Stone," EHWA Diamond Ind. Co. Ltd. Catalogue, Published 2016, 60 pages.

* cited by examiner

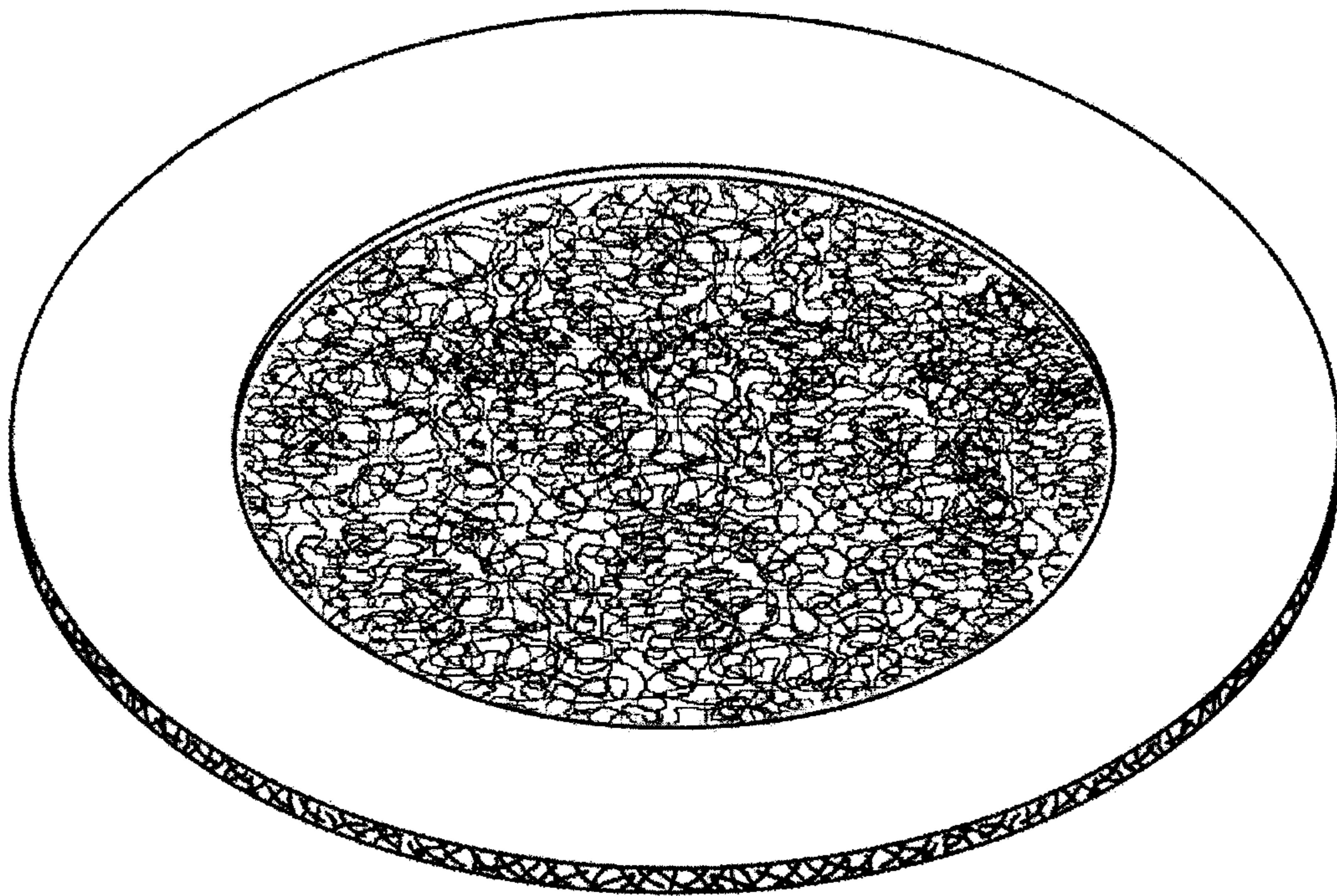


FIG - 1

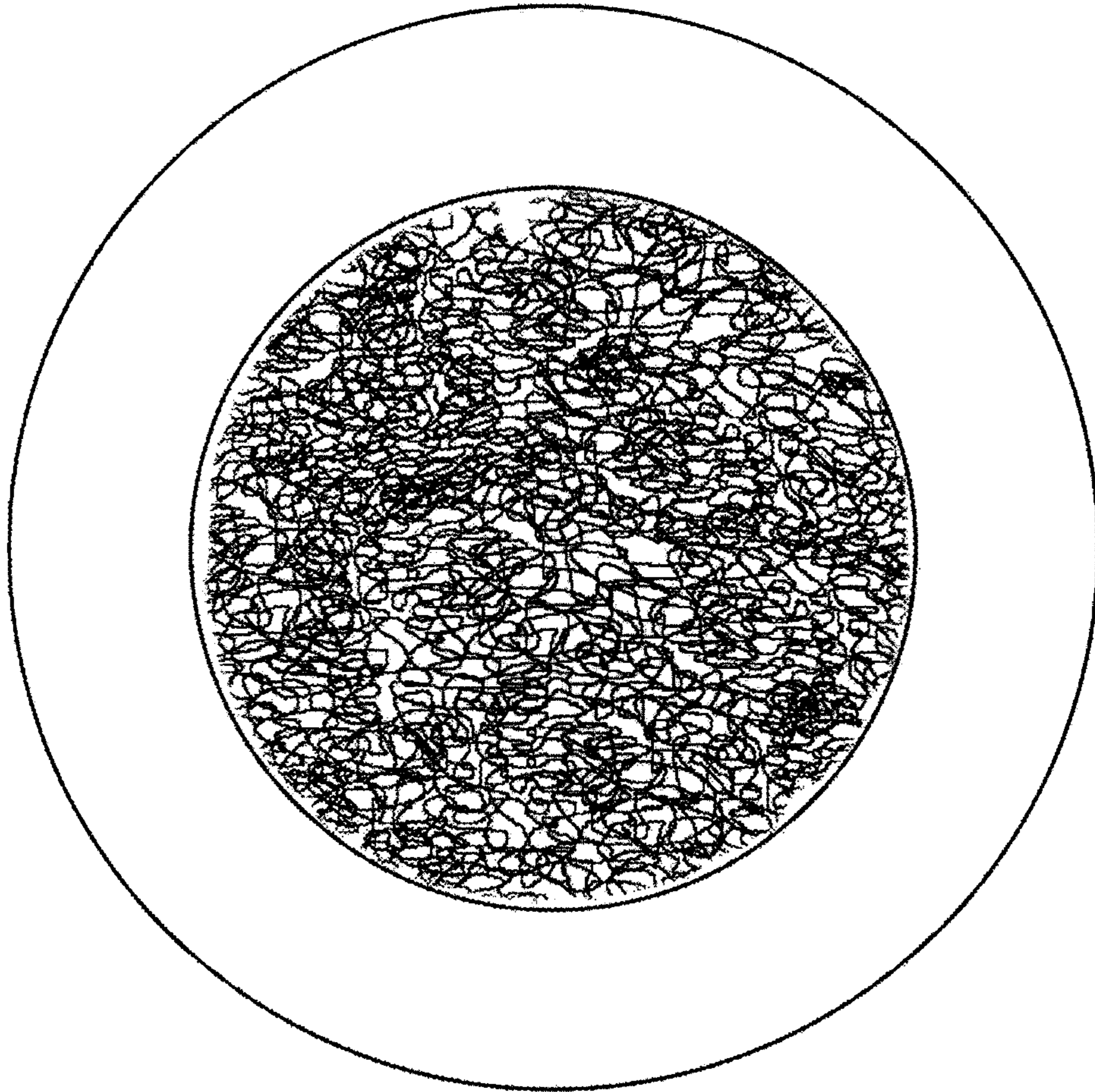


FIG - 2

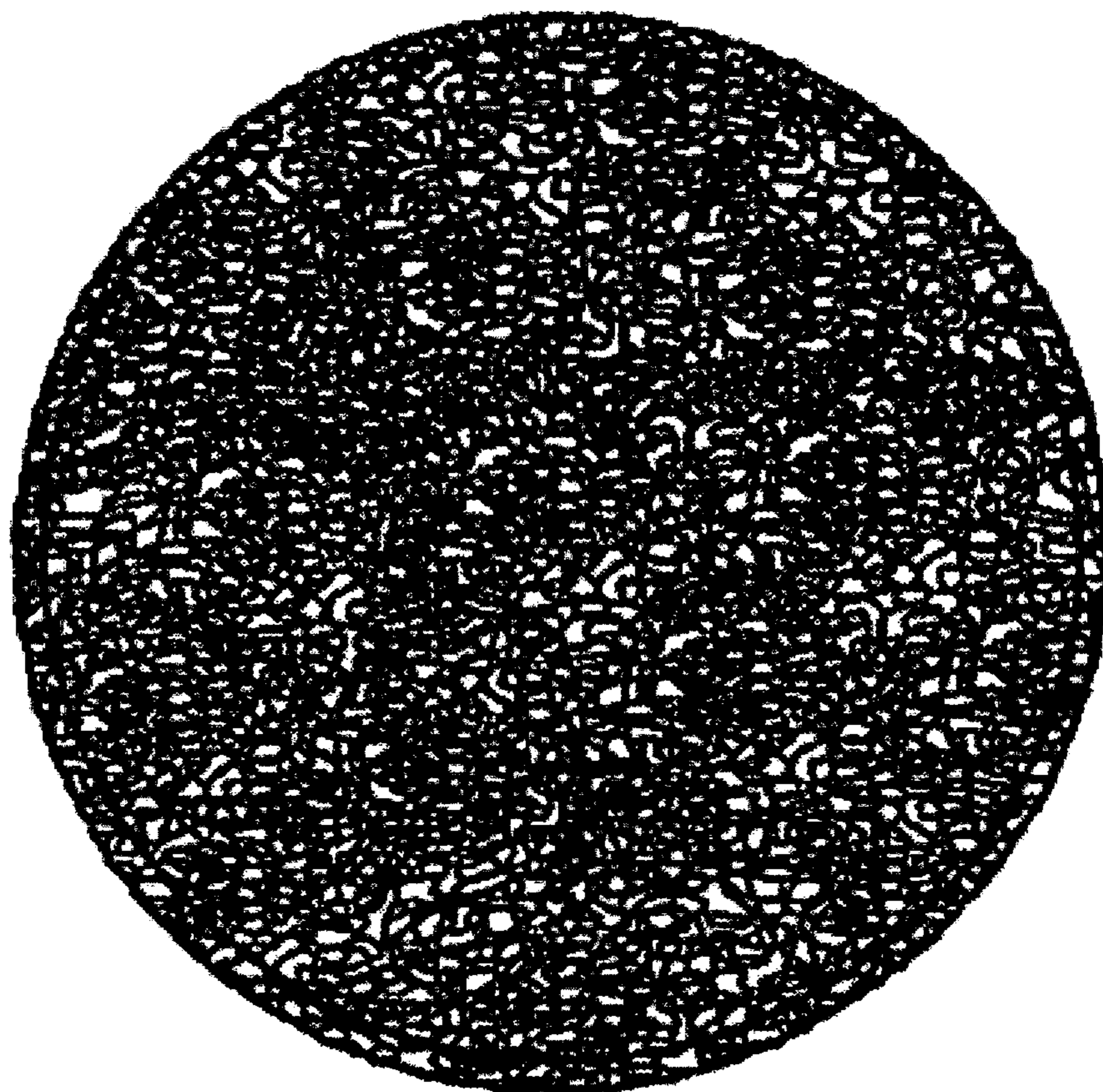


FIG - 3



FIG - 4