



US00D918390S

(12) **United States Design Patent** (10) **Patent No.:** **US D918,390 S**  
**Ollivier** (45) **Date of Patent:** **\*\* May 4, 2021**

(54) **HANDLE FOR HAND-HELD DENTAL INSTRUMENTS**

(71) Applicant: **PRODONT HOLLIGER**, Olliergues (FR)

(72) Inventor: **Kévin Ollivier**, Peschadoires (FR)

(73) Assignee: **PRODONT HOLLIGER**, Olliergues (FR)

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

(21) Appl. No.: **29/713,386**

(22) Filed: **Nov. 15, 2019**

(30) **Foreign Application Priority Data**

Jun. 13, 2019 (EM) ..... 006577698

(51) **LOC (13) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/154; D24/133; D24/152**

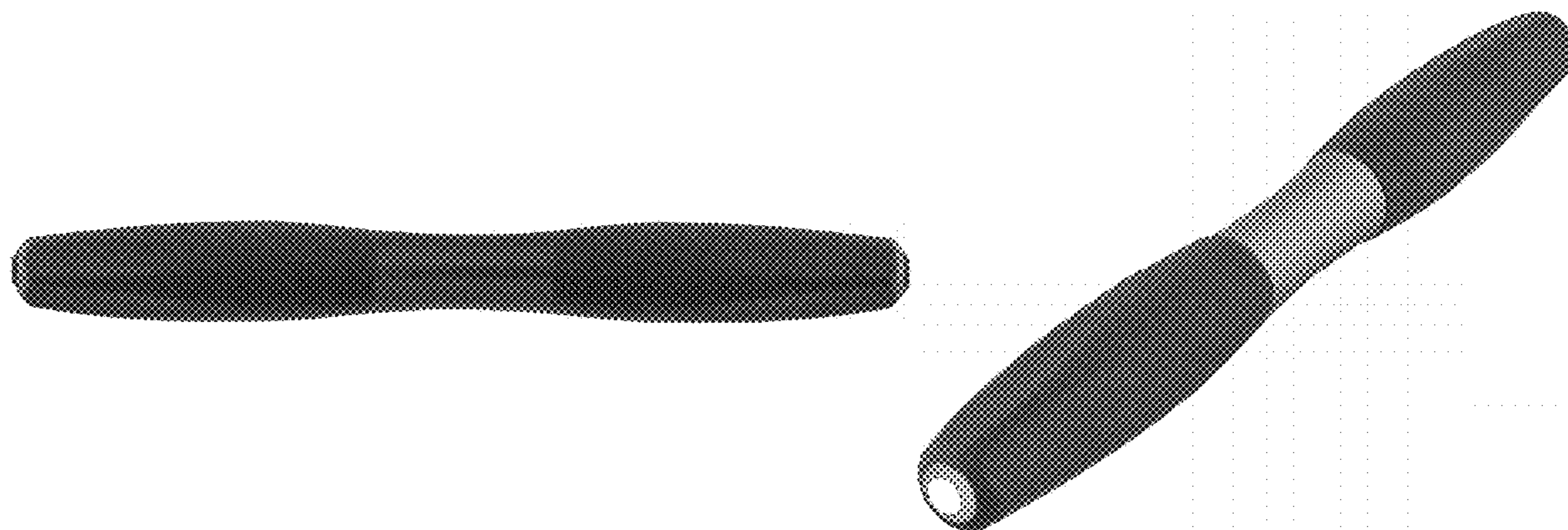
(58) **Field of Classification Search**  
USPC ..... D24/108, 112, 113, 114, 115, 116, 117, D24/127, 133, 134, 136, 137, 138, 143, D24/145, 200, 144, 147, 152, 119, 153, D24/154, 156; D8/14, 16, 19, 21, 82, 83, D8/84, 85, 86, 107, 34, 300, 303, 314, D8/372, 374, 394, 77, 17, 22, 23, 24, 25, D8/26, 27, 28, 29, 52, 55, 81, 87, 102, D8/103, 104, 105, 106, 98, 99, 93, 94, D8/338, 343, 352, 387, 321, DIG. 1, D8/DIG. 2; D28/55-57, 65  
CPC ..... A61C 5/42; A61C 3/00; A61C 1/0015; A61C 1/10; A61C 1/12; A61C 17/00; A61C 17/20; A61C 17/0202; A61C 17/225; A61C 3/02; A61C 3/10; A61C 3/14; A61C 3/16; A61C 15/00; A61C 15/02; A61C 15/048; A61C 1/14; A61C 7/00; A61C 7/02; A61C 7/04; Y10T 16/506; Y10T 16/487; Y01T 292/82

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,816,806	A *	10/1998	Herbst .....	A61C 3/00 433/141
D415,005	S *	10/1999	Chen .....	D8/107
D419,847	S *	2/2000	Chen .....	D8/107
6,109,918	A *	8/2000	Hammond .....	A61C 13/12 433/141
D435,293	S *	12/2000	Tang .....	D24/119
6,193,515	B1 *	2/2001	Rahman .....	A61C 3/00 433/141
D439,337	S *	3/2001	Jones .....	D24/133
D440,480	S *	4/2001	Tseng .....	D8/82
D446,858	S *	8/2001	Holms .....	D24/152
D449,213	S *	10/2001	Chiang .....	D8/107
D458,456	S *	6/2002	Dragan .....	D24/119
D462,440	S *	9/2002	Formanek .....	D24/133
D463,026	S *	9/2002	Holms .....	D24/152
D465,024	S *	10/2002	Henderson .....	D24/133
D481,612	S *	11/2003	Tsai .....	D8/107
D482,589	S *	11/2003	Rampen .....	D8/107
D486,717	S *	2/2004	Chen .....	D8/107
D494,270	S *	8/2004	Reschke .....	D24/133
D497,036	S *	10/2004	La Magna .....	D28/57
D500,410	S *	1/2005	Dragan .....	D24/119
D508,192	S *	8/2005	Wang .....	D8/82
D520,325	S *	5/2006	Su .....	D8/83
D522,141	S *	5/2006	Chung .....	D24/152
D539,426	S *	3/2007	Callaghan .....	D24/133
D572,995	S *	7/2008	Lai .....	D8/107
D573,710	S *	7/2008	Goodman .....	D24/115
D574,208	S *	8/2008	Lin .....	D8/107
D575,132	S *	8/2008	Panier .....	D8/107
D576,467	S *	9/2008	Shu .....	D8/107
D583,868	S *	12/2008	Peterson .....	D19/203
D587,803	S *	3/2009	Di Sessa .....	D24/133
D588,747	S *	3/2009	Wittke-Kothe .....	D24/149
D588,748	S *	3/2009	Wittke-Kothe .....	D24/149
D588,749	S *	3/2009	Wittke-Kothe .....	D24/149
D588,750	S *	3/2009	Wittke-Kothe .....	D24/149
D605,479	S *	12/2009	Fiene .....	D28/57
D616,278	S *	5/2010	Deguglimo .....	D8/82
D619,244	S *	7/2010	Van der Stappen .....	D24/113
D620,106	S *	7/2010	Van der Stappen .....	D24/113
D622,766	S *	8/2010	DaBoll .....	D19/179
D624,321	S *	9/2010	Rennette .....	D4/121
D629,098	S *	12/2010	Sonleiter .....	D24/133
D634,596	S *	3/2011	Munroe .....	D8/29
D648,851	S *	11/2011	Copeland .....	D24/133
D655,002	S *	2/2012	Bast .....	D24/133
D655,412	S *	3/2012	Luk .....	D24/130



D655,413	S *	3/2012	Nino	D24/133
D657,224	S *	4/2012	Molina	D8/83
D660,966	S *	5/2012	Sheild	D24/152
D661,396	S *	6/2012	Garrison	D24/152
D677,381	S *	3/2013	Stones	D24/113
D686,899	S *	7/2013	Lin	D8/83
D687,553	S *	8/2013	Coreil	D24/154
D695,089	S *	12/2013	Nelson	D8/83
D696,775	S *	12/2013	Guarraia	D24/113
D696,781	S *	12/2013	Norton	D24/171
D697,205	S *	1/2014	Schneider	D24/113
D704,337	S *	5/2014	Dunn	D24/147
D712,563	S *	9/2014	Pursel	D24/214
D714,117	S *	9/2014	Smidt	D8/29
D715,125	S *	10/2014	Hung	D8/107
D715,439	S *	10/2014	Huang	D24/156
D716,946	S *	11/2014	Wilson	D24/152
D717,142	S *	11/2014	Jannitto, Jr.	D8/21
D717,143	S *	11/2014	Jannitto	D8/21
D718,451	S *	11/2014	Taylor	D24/154
D718,452	S *	11/2014	Ehrlich	D24/156
D720,590	S *	1/2015	Carl	D8/85
D720,591	S *	1/2015	Carl	D8/85
D721,174	S *	1/2015	Albers	D24/147
D721,183	S *	1/2015	Mallory	D24/211
D722,256	S *	2/2015	Kita	D8/30
D723,283	S *	3/2015	Kalbfeld	D4/104
D724,211	S *	3/2015	Peschke	D24/152
D725,771	S *	3/2015	Sendatzki	D24/113
D726,318	S *	4/2015	Trinh	D24/152
D727,129	S *	4/2015	Robinson	D8/83
D727,130	S *	4/2015	Robinson	D8/83
D728,788	S *	5/2015	Chu	D24/152
D729,935	S *	5/2015	Gu	D24/152
D735,856	S *	8/2015	Koch	D24/147
D750,270	S *	2/2016	Ching	D24/216
D752,221	S *	3/2016	Trottier	D24/152
D754,345	S *	4/2016	Gu	D24/152
D754,389	S *	4/2016	Mittersinker	D27/101
D754,390	S *	4/2016	Mittersinker	D27/101
D755,968	S *	5/2016	Ahluwalia	D24/141
D764,665	S *	8/2016	Luoto	D24/154
D764,701	S *	8/2016	Malhi	D27/101
D769,689	S *	10/2016	Squiers	D8/83
9,511,484	B2 *	12/2016	Marchant	B25B 15/04
D782,202	S *	3/2017	Machiorlette	D4/138
D787,835	S *	5/2017	Lim	D4/135
D790,061	S *	6/2017	Gu	D24/154
9,698,580	B2 *	7/2017	Chen	B25B 15/02
D793,837	S *	8/2017	Su	D8/107
D796,665	S *	9/2017	Tafazoli	D24/112
D798,683	S *	10/2017	Price	D8/45
D800,529	S *	10/2017	Leibowitz	D8/83
D801,702	S *	11/2017	Rennette	D4/138
D803,400	S *	11/2017	Latif	D24/154
D805,641	S *	12/2017	Gu	D24/152
D807,043	S *	1/2018	Grund	D4/120
D807,138	S *	1/2018	Rinner	D8/83
D807,505	S *	1/2018	Chauhan	D24/154
D807,506	S *	1/2018	Chauhan	D24/154
D807,507	S *	1/2018	Chauhan	D24/154
D809,138	S *	1/2018	Khan	D24/133
D810,292	S *	2/2018	Chou	D24/152
D810,939	S *	2/2018	Albarakati	D24/154
D811,190	S *	2/2018	Ou	D8/83
D813,392	S *	3/2018	Wang	D24/152
D819,417	S *	6/2018	Graykowski	D8/47
D825,309	S *	8/2018	Nelson	D8/83
D827,823	S *	9/2018	Larsen	D24/146
D830,151	S *	10/2018	Weinberg	D8/107
D839,073	S *	1/2019	Bast	D8/107
D839,426	S *	1/2019	Bajwa	D24/152
D840,207	S *	2/2019	Sun	D8/107
D845,102	S *	4/2019	Hofer	D8/85
D854,153	S *	7/2019	Hsieh	D24/146
D855,180	S *	7/2019	Haefliger	D24/133
D859,119	S *	9/2019	Hyma	D8/83
D860,750	S *	9/2019	Beh	D8/83
D866,283	S *	11/2019	Hahn	D8/83

D867,092	S *	11/2019	Hahn	D8/83
D870,463	S *	12/2019	Dovellos	D4/138
D870,897	S *	12/2019	Katzberg	D24/187
D874,647	S *	2/2020	Cranfield	D24/138
D882,088	S *	4/2020	Tang	D24/152
D883,483	S *	5/2020	Hussein	D24/152
D884,894	S *	5/2020	Hussein	D24/152
D886,555	S *	6/2020	Scott	D8/14
D888,241	S *	6/2020	Bajwa	D24/152
D888,242	S *	6/2020	Bajwa	D24/154
D888,243	S *	6/2020	Bajwa	D24/154
D893,722	S *	8/2020	Sajid	D24/152
D895,210	S *	9/2020	Wu	D28/58
D897,184	S *	9/2020	Perkins, Jr.	D8/303
D897,185	S *	9/2020	Perkins, Jr.	D8/303
D897,186	S *	9/2020	Perkins, Jr.	D8/303
D899,099	S *	10/2020	Levy	D4/199
D900,584	S *	11/2020	Bast	D8/107
D900,585	S *	11/2020	Bast	D8/107
D902,404	S *	11/2020	Patcharakitti	D24/146
D906,782	S *	1/2021	Brinson	D8/83
D908,218	S *	1/2021	Larsen	D24/152
D909,600	S *	2/2021	Sever	D24/216
2006/0029906	A1 *	2/2006	Hill	A61C 3/00 433/141
2006/0084032	A1 *	4/2006	Tipton	A61C 3/00 433/141

OTHER PUBLICATIONS

LM-PerioKit, [site visited Feb. 4, 2021], Available from Internet.  
URL: <https://lm-dental.com/en-us/products/hand-instrumentation/periodontics/instrument-sets/lm-periokit/> (Year: 2021).\*

\* cited by examiner

*Primary Examiner* — T Chase Nelson

*Assistant Examiner* — Kelly L Gross

(74) *Attorney, Agent, or Firm* — Maier & Maier, PLLC

(57) **CLAIM**

The ornamental design for a handle for hand-held dental instruments, as shown and described.

**DESCRIPTION**

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application with color drawings(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a rear view of a first embodiment of a handle for hand-held dental instruments;

FIG. 2 is a bottom view thereof;

FIG. 3 is a top view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a front view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a perspective view thereof;

FIG. 8 is a rear view of a second embodiment of a handle for hand-held dental instruments;

FIG. 9 is a bottom view thereof;

FIG. 10 is a top view thereof;

FIG. 11 is a right side view thereof;

FIG. 12 is a front view thereof;

FIG. 13 is a left side view thereof;

FIG. 14 is a perspective view thereof;

FIG. 15 is a rear view of a third embodiment of a handle for hand-held dental instruments;

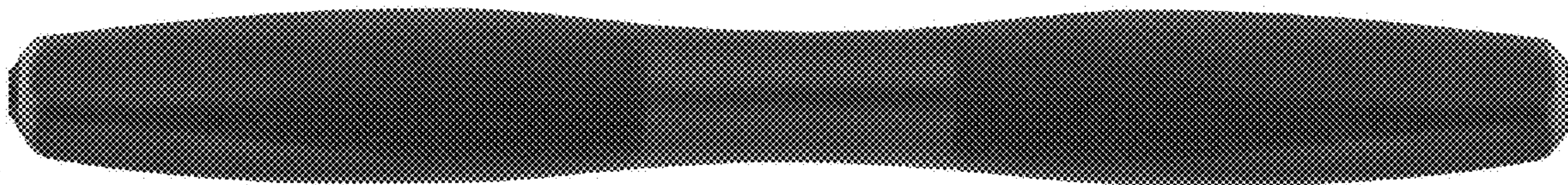
FIG. 16 is a bottom view thereof;

FIG. 17 is a top view thereof;

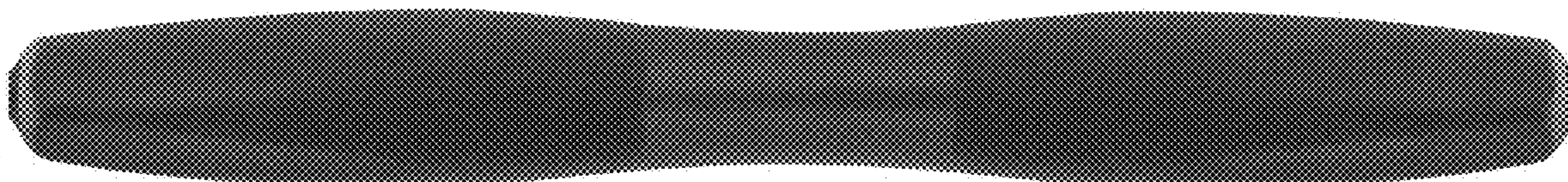
FIG. 18 is a right side view thereof;  
FIG. 19 is a front view thereof;  
FIG. 20 is a left side view thereof;  
FIG. 21 is a perspective view thereof;  
FIG. 22 is a rear view of a fourth embodiment of a handle for hand-held dental instruments;  
FIG. 23 is a bottom view thereof;  
FIG. 24 is a top view thereof;  
FIG. 25 is a right side view thereof;  
FIG. 26 is a front view thereof;  
FIG. 27 is a left side view thereof;  
FIG. 28 is a perspective view thereof;  
FIG. 29 is a rear view of a fifth embodiment of a handle for hand-held dental instruments;  
FIG. 30 is a bottom view thereof;  
FIG. 31 is a top view thereof;  
FIG. 32 is a right side view thereof;  
FIG. 33 is a front view thereof;  
FIG. 34 is a left side view thereof;  
FIG. 35 is a perspective view thereof;

FIG. 36 is a rear view of a sixth embodiment of a handle for hand-held dental instruments;  
FIG. 37 is a bottom view thereof;  
FIG. 38 is a top view thereof;  
FIG. 39 is a right side view thereof;  
FIG. 40 is a front view thereof;  
FIG. 41 is a left side view thereof;  
FIG. 42 is a perspective view thereof;  
FIG. 43 is a rear view of a seventh embodiment of a handle for hand-held dental instruments;  
FIG. 44 is a bottom view thereof;  
FIG. 45 is a top view thereof;  
FIG. 46 is a right side view thereof;  
FIG. 47 is a front view thereof;  
FIG. 48 is a left side view thereof; and,  
FIG. 49 is a perspective view thereof.  
The broken lines showing portions of the handle for hand-held dental instruments are unclaimed boundary lines and form no part of the claimed design.

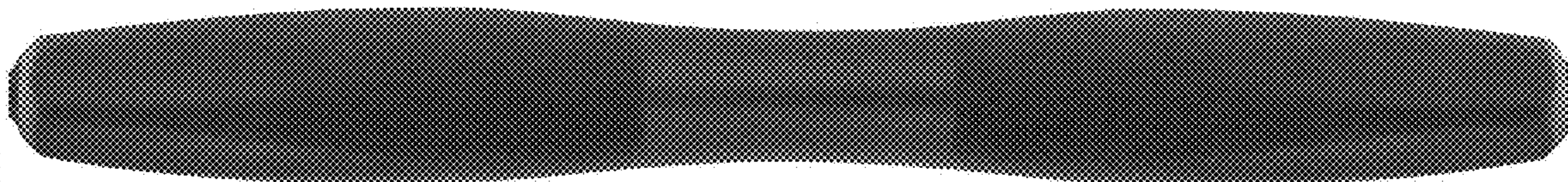
**1 Claim, 21 Drawing Sheets  
(21 of 21 Drawing Sheet(s) Filed in Color)**



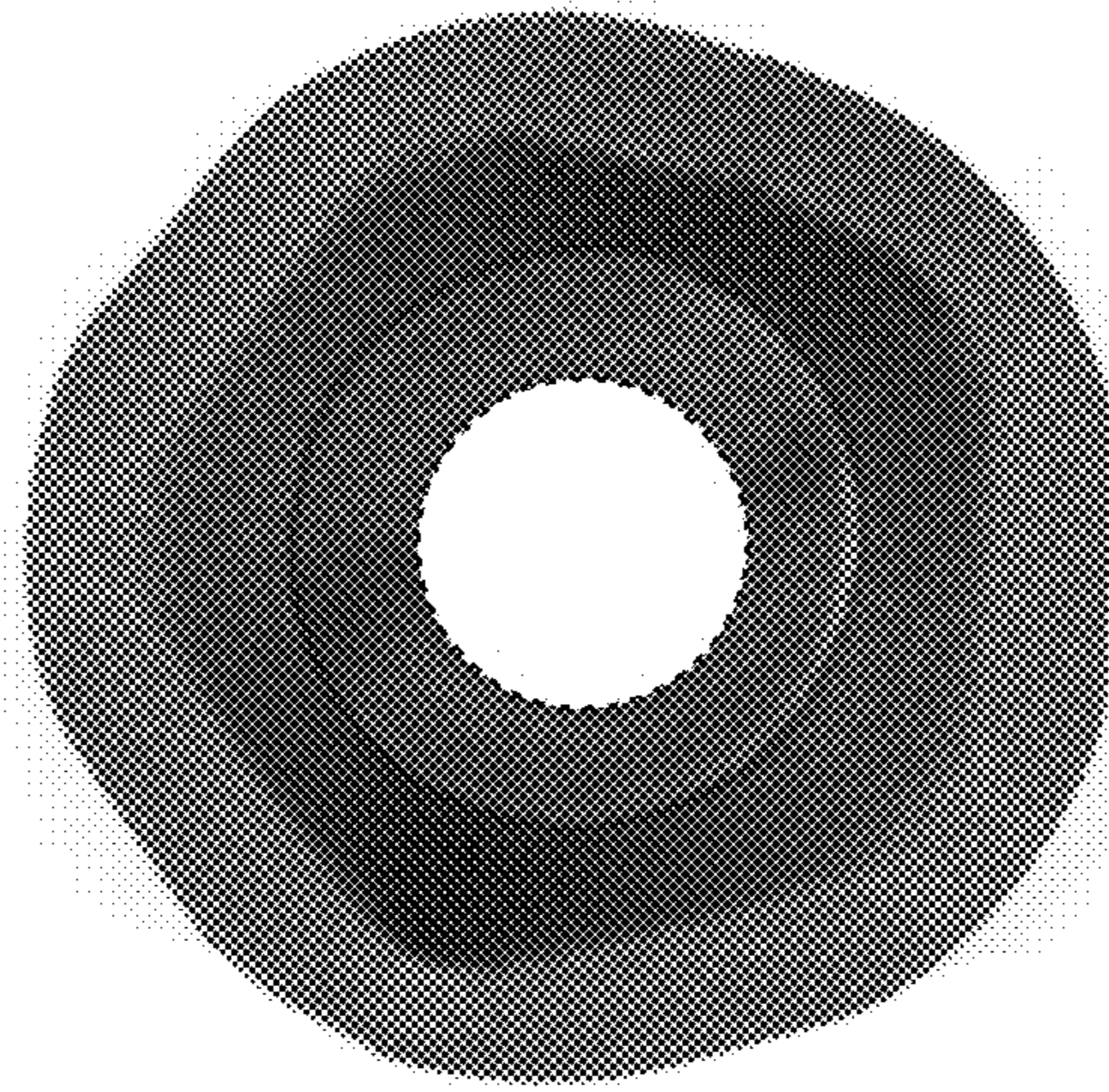
*Fig. 1*



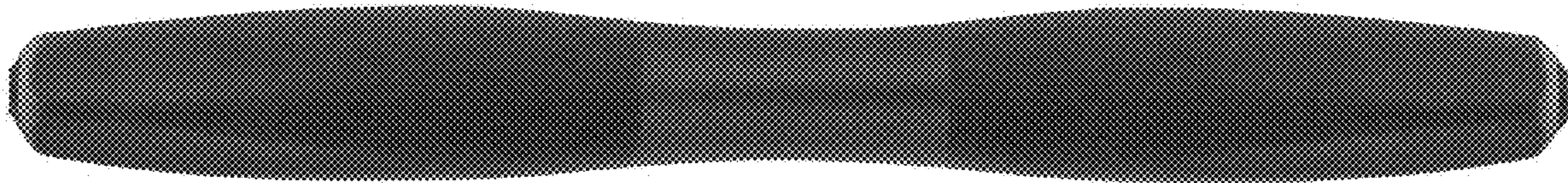
*Fig. 2*



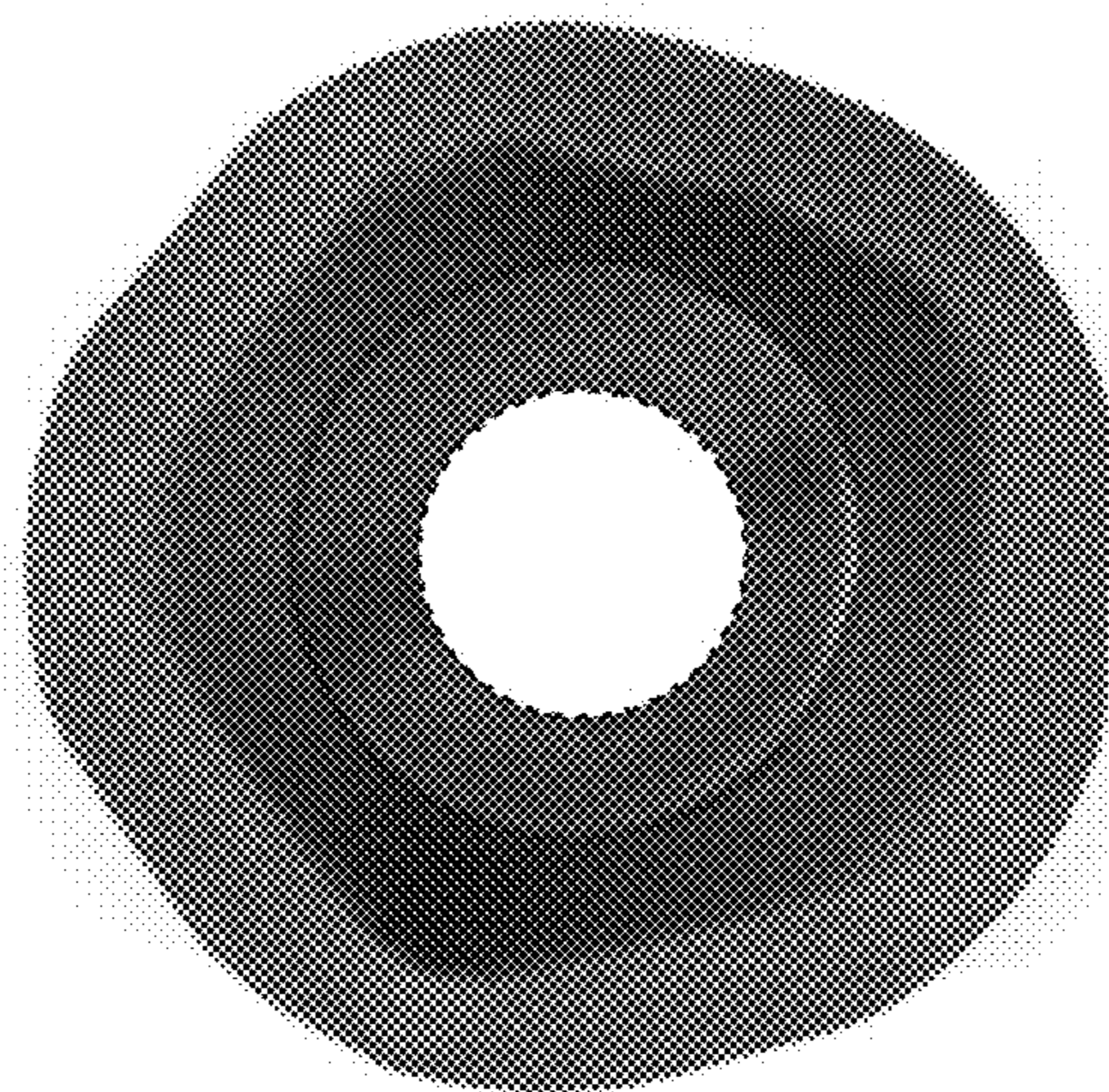
*Fig. 3*



*Fig. 4*



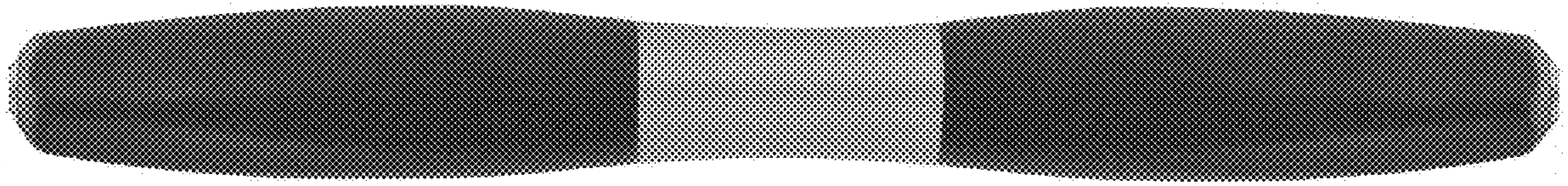
*Fig. 5*



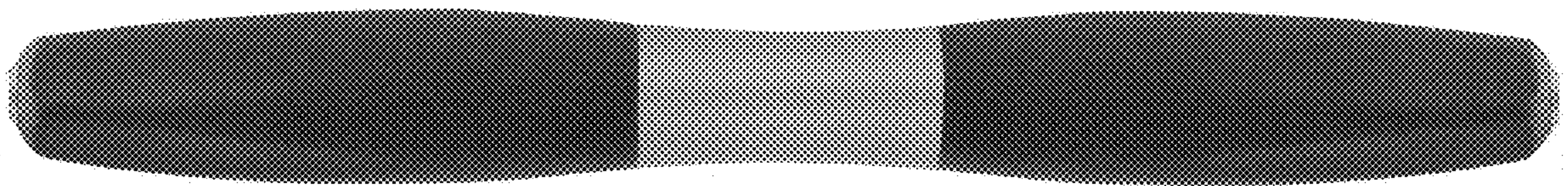
*Fig. 6*



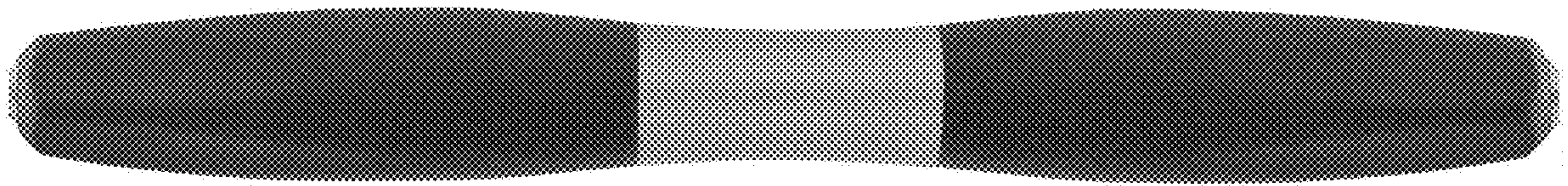
*Fig. 7*



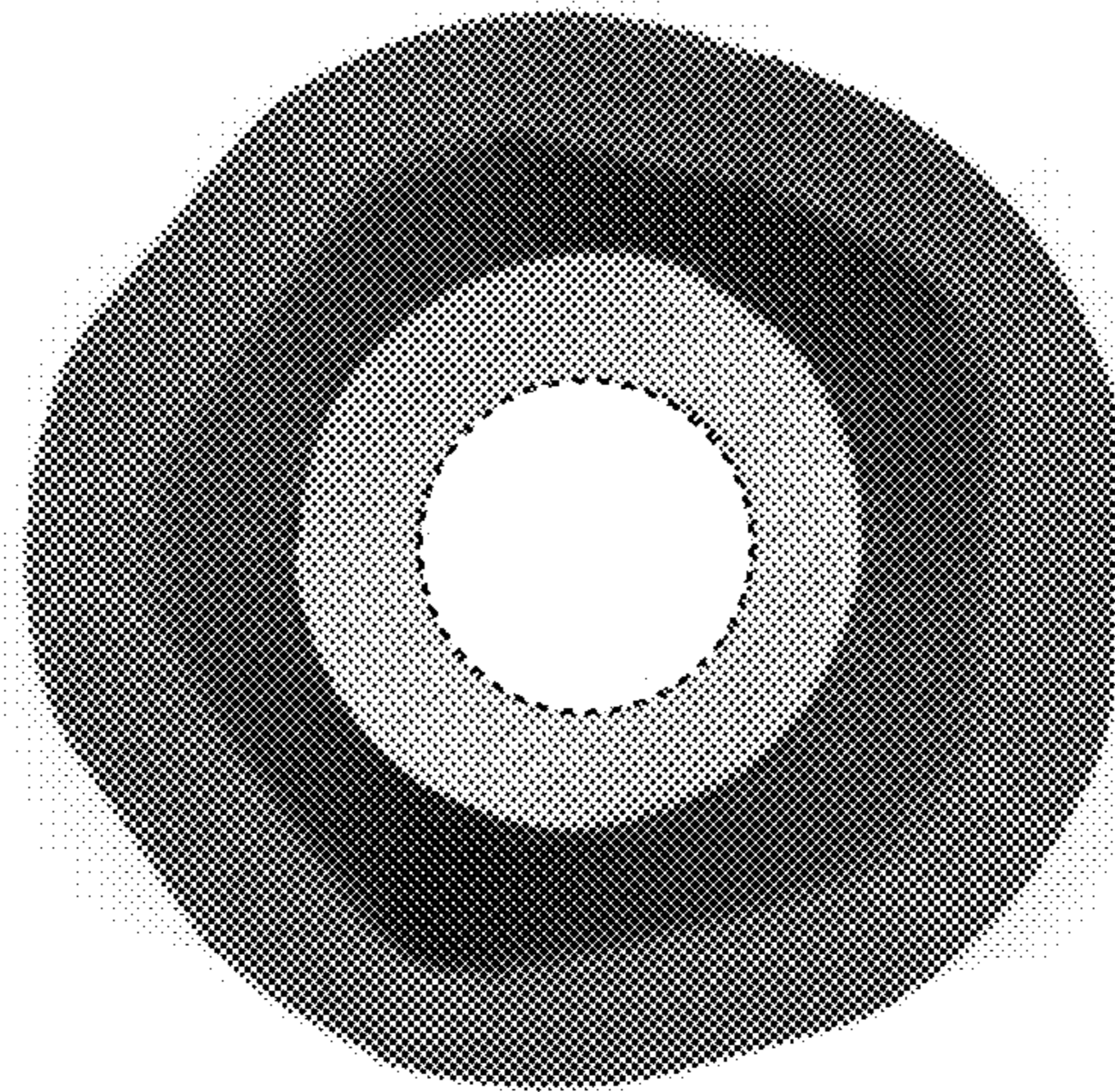
*Fig. 8*



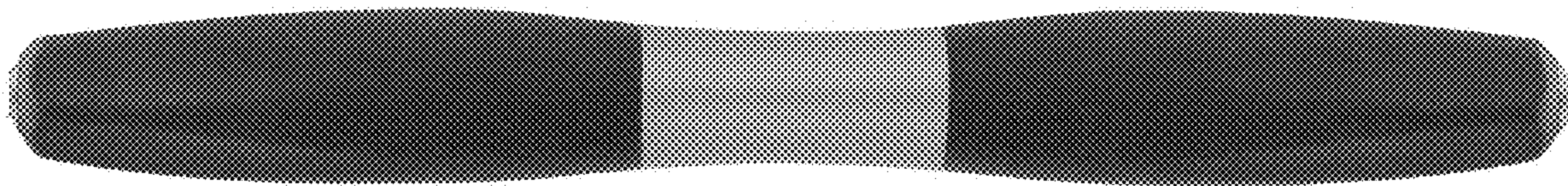
*Fig. 9*



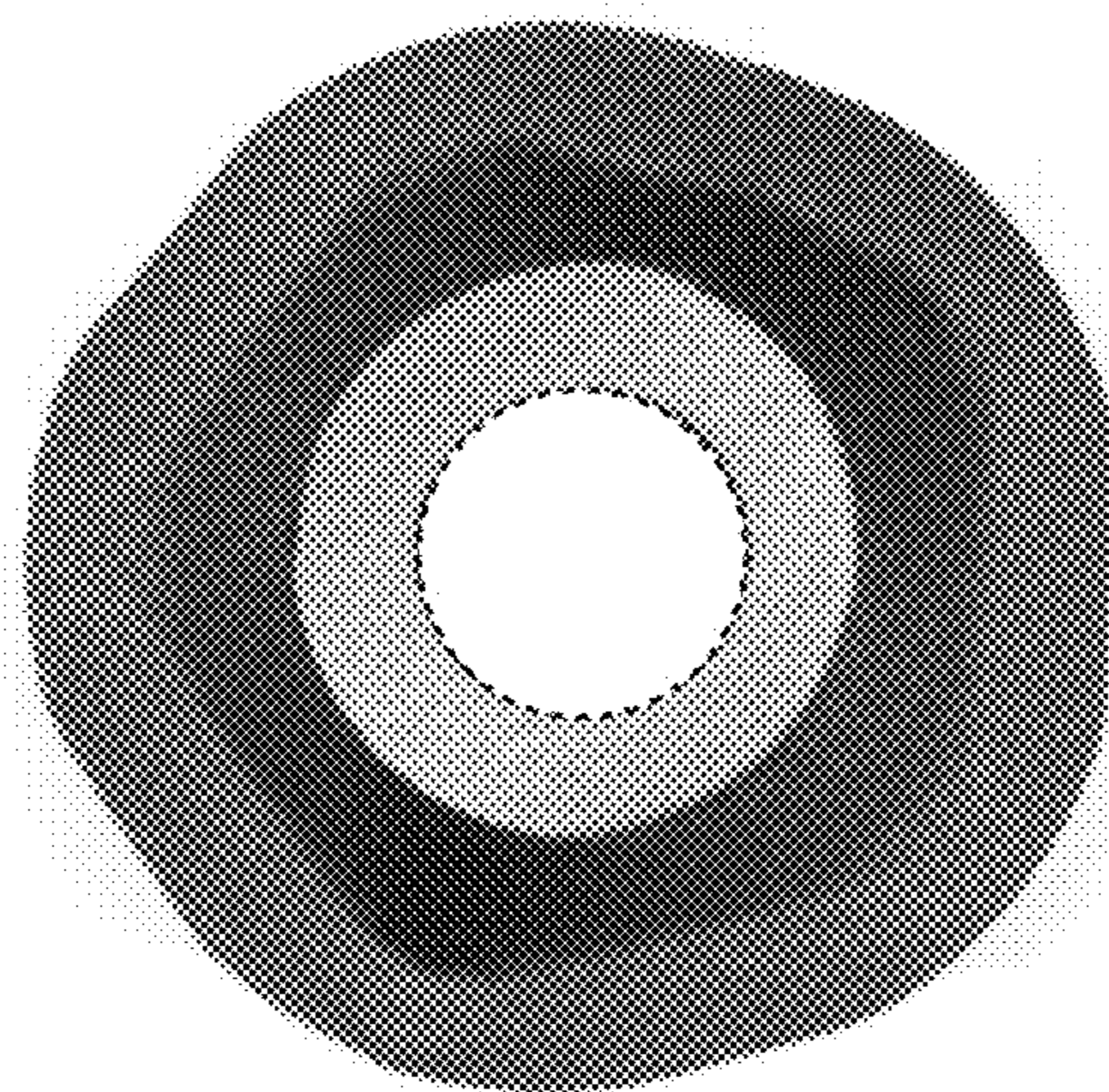
*Fig. 10*



*Fig. 11*



*Fig. 12*

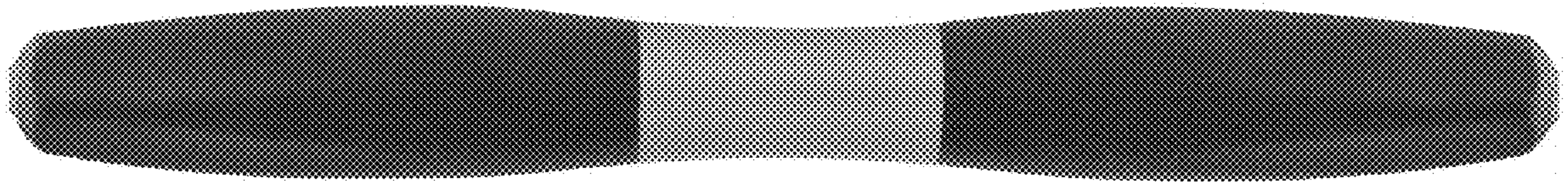


*Fig. 13*

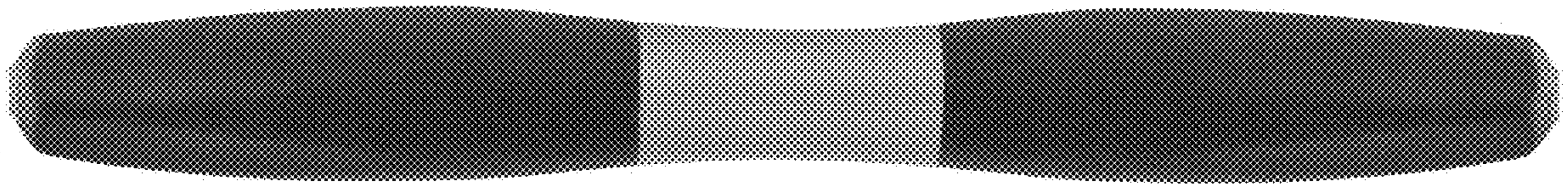




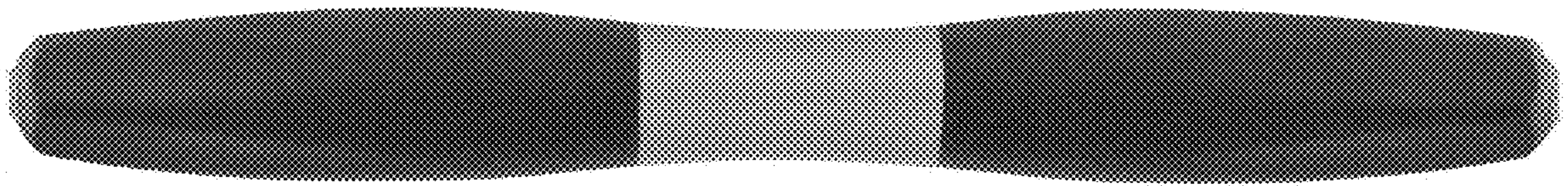
*Fig. 14*



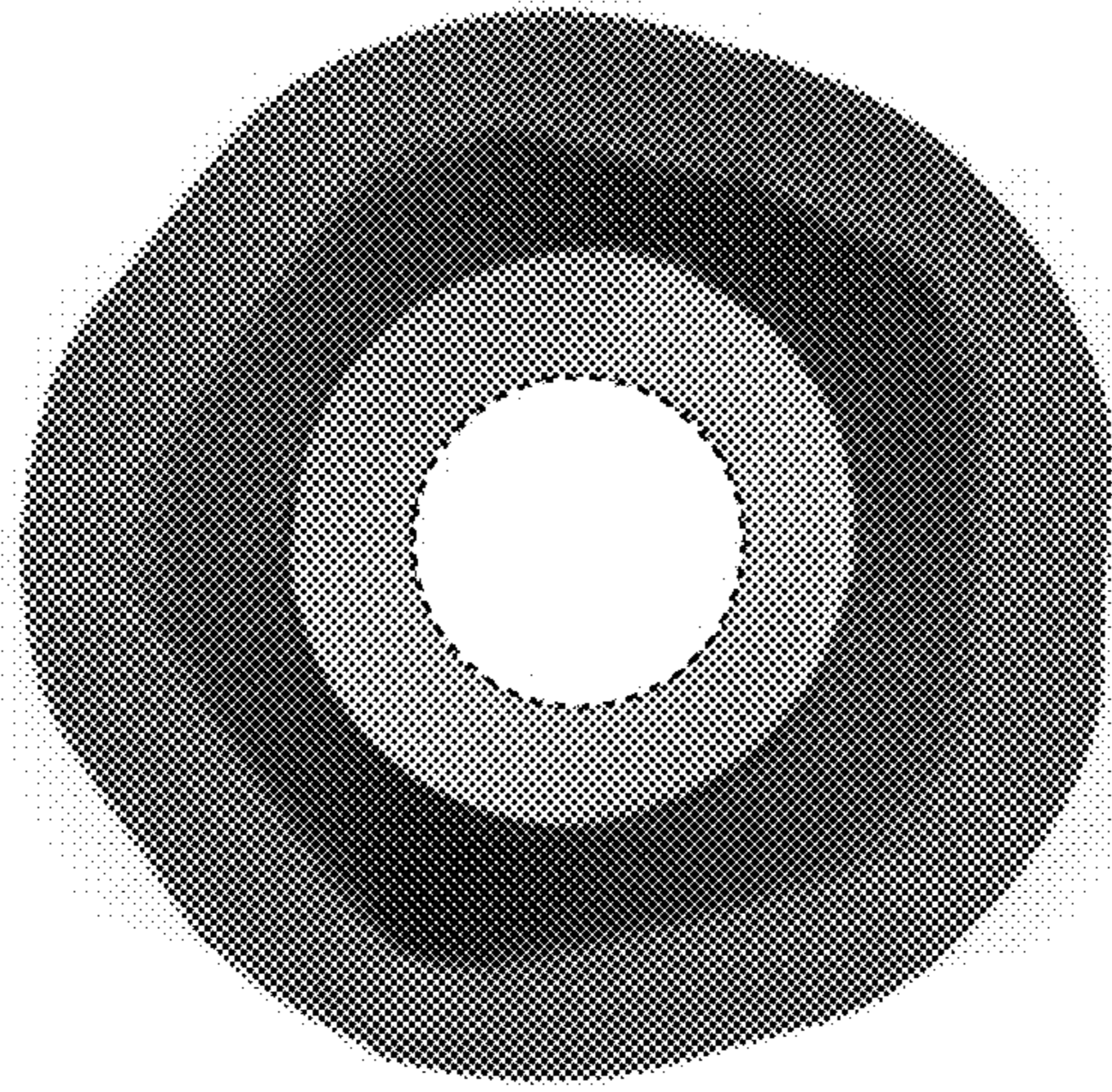
*Fig. 15*



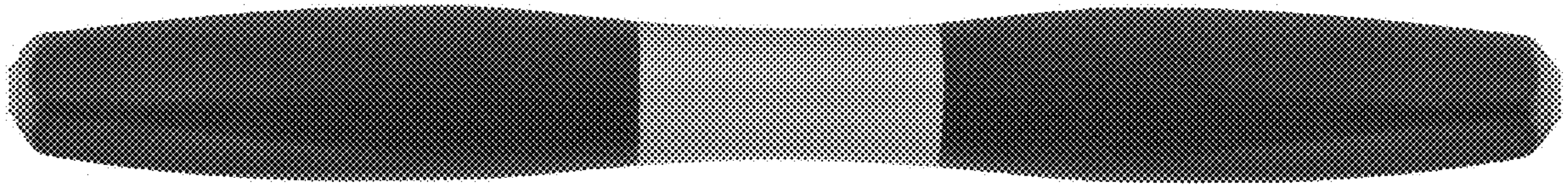
*Fig. 16*



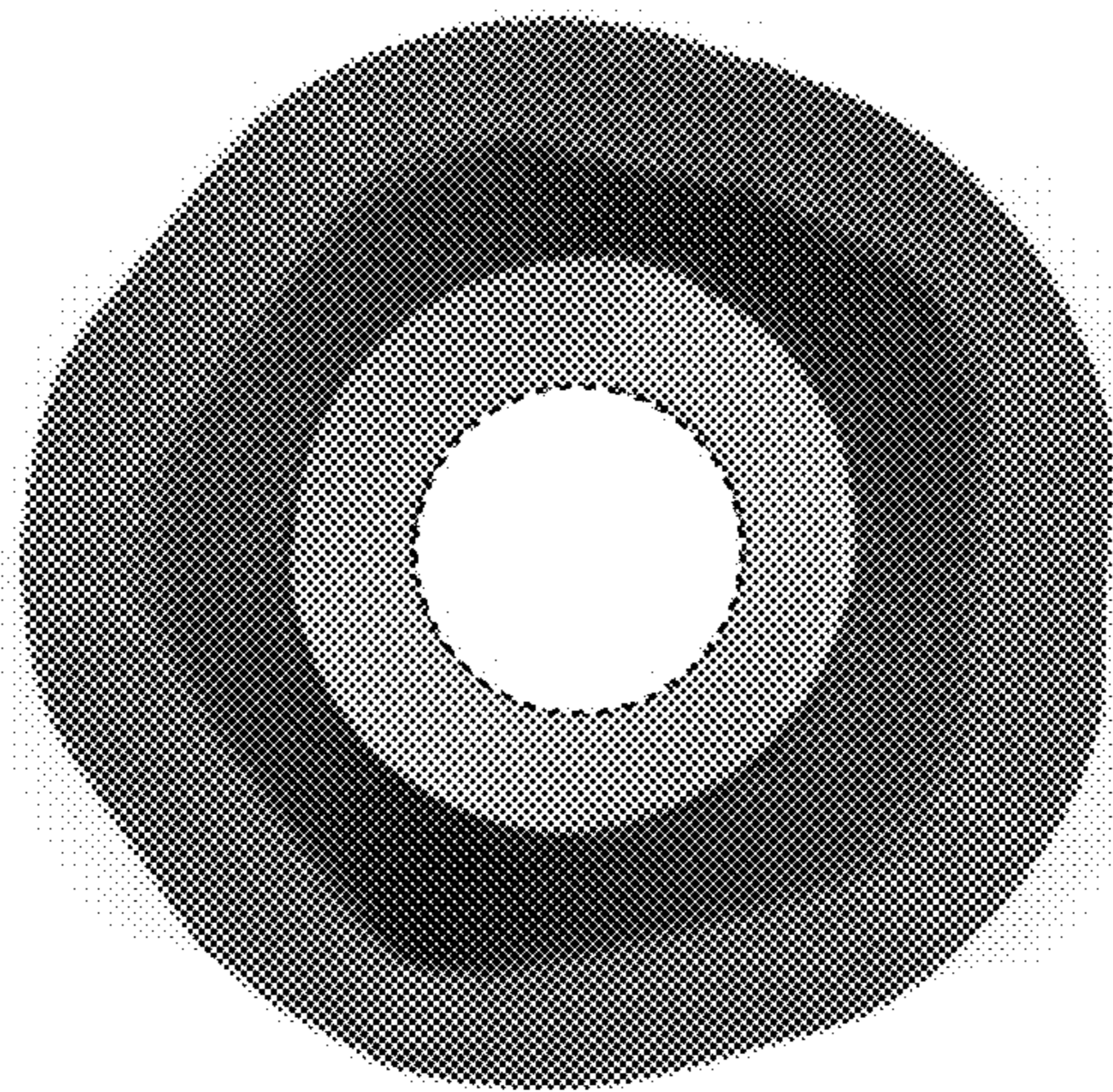
*Fig. 17*



*Fig. 18*



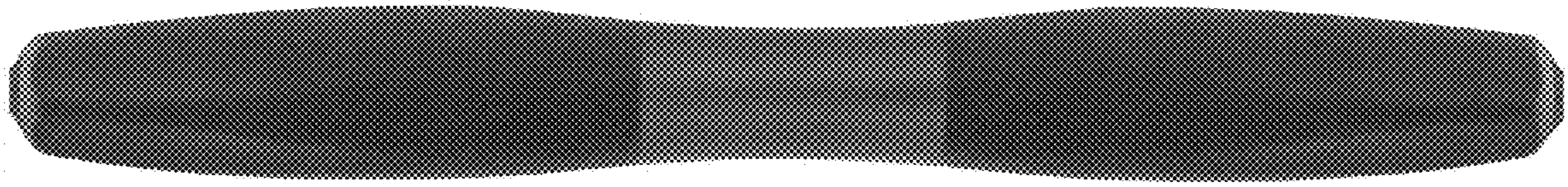
*Fig. 19*



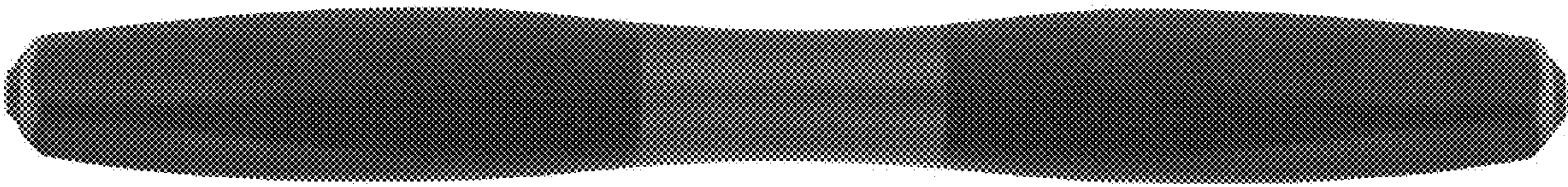
*Fig. 20*



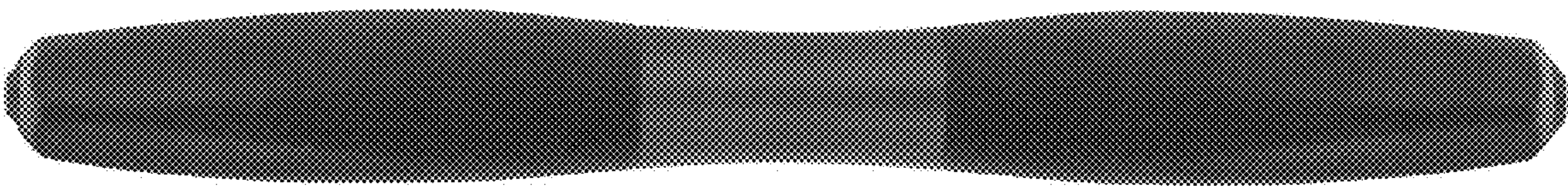
*Fig. 21*



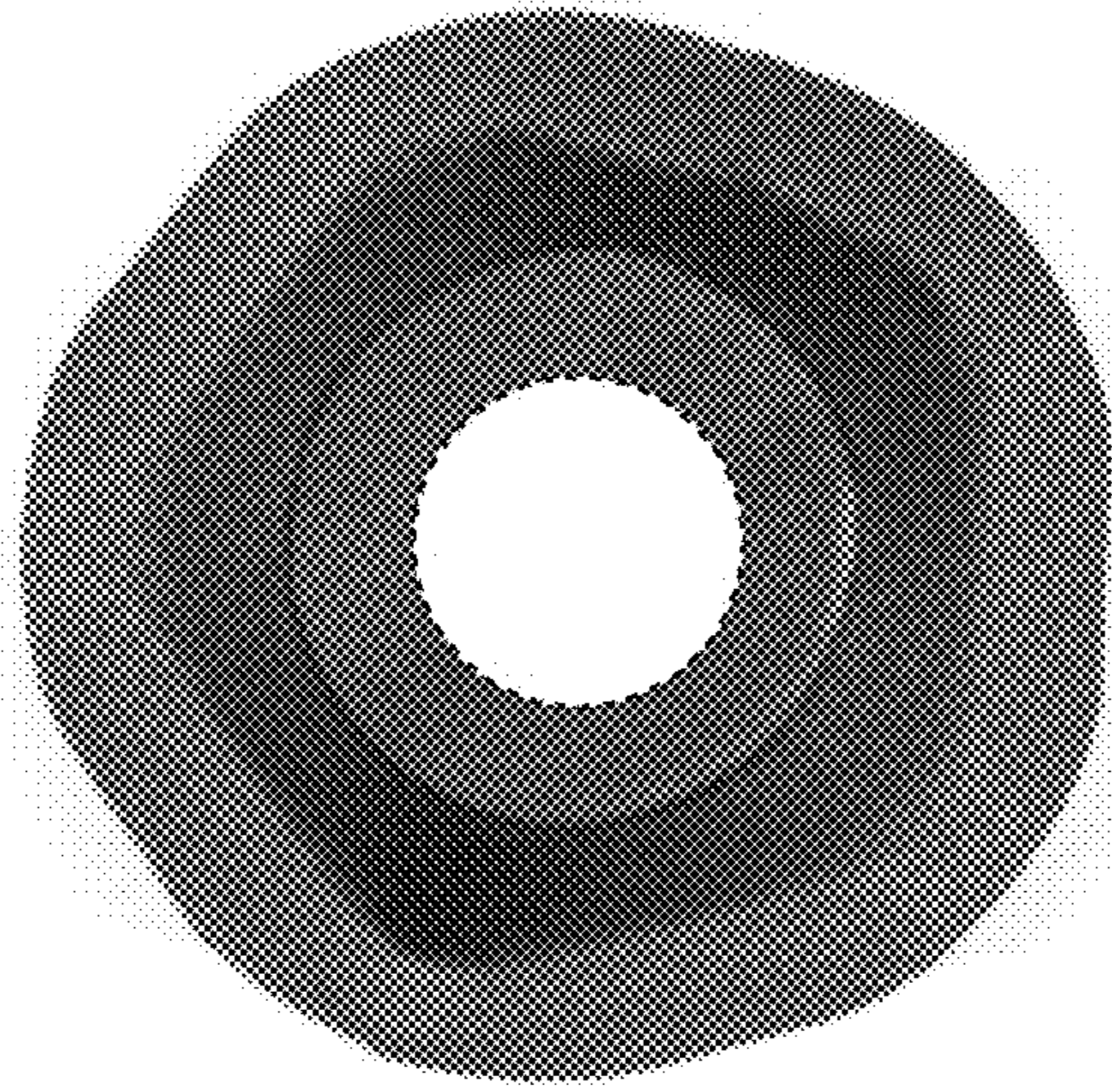
*Fig. 22*



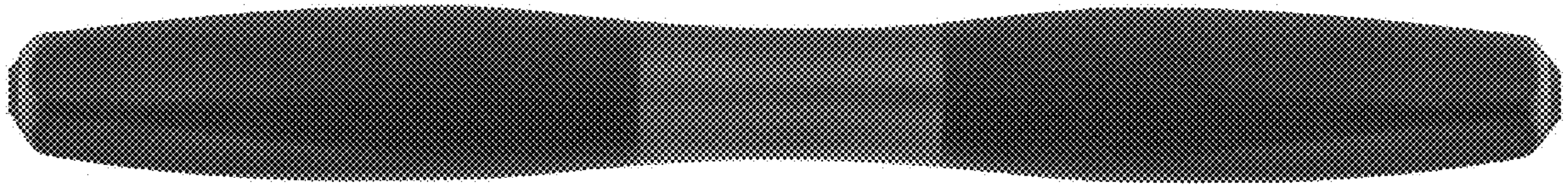
*Fig. 23*



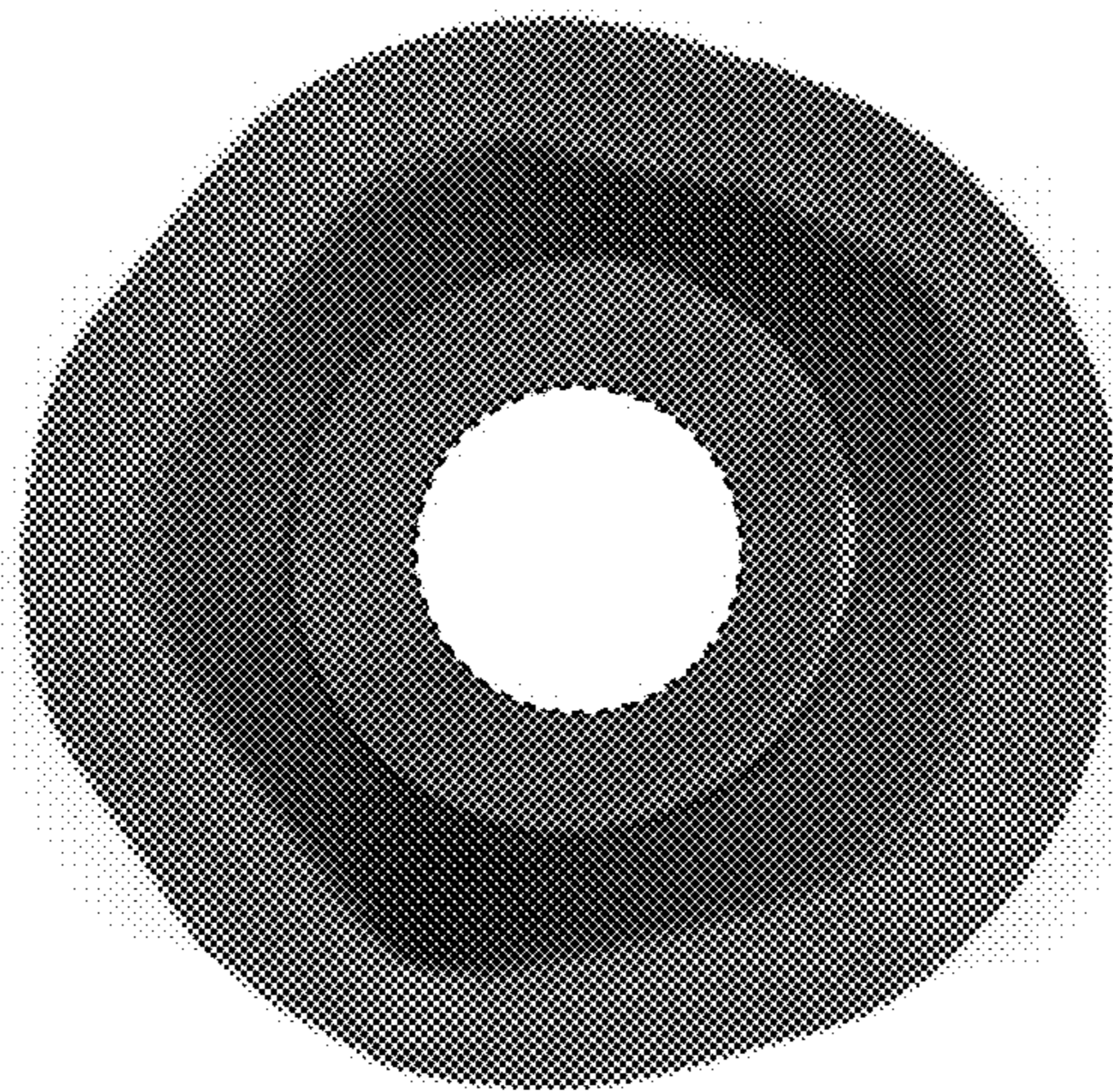
*Fig. 24*



*Fig. 25*



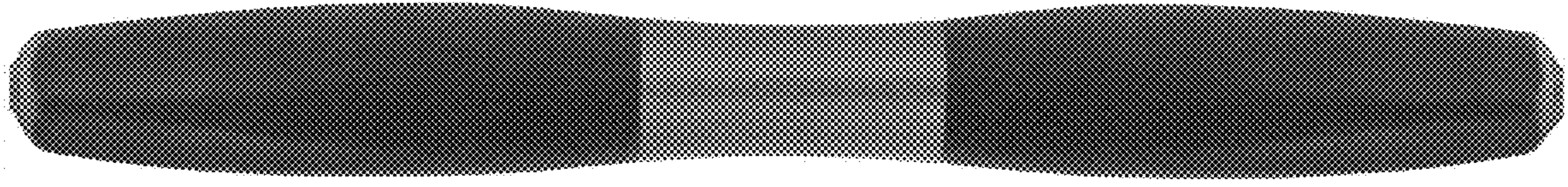
*Fig. 26*



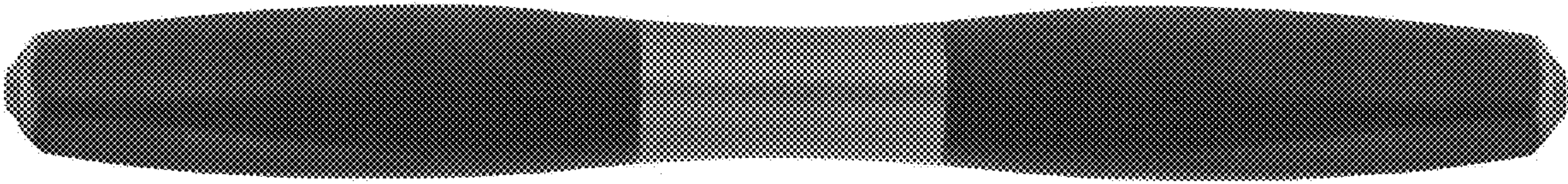
*Fig. 27*



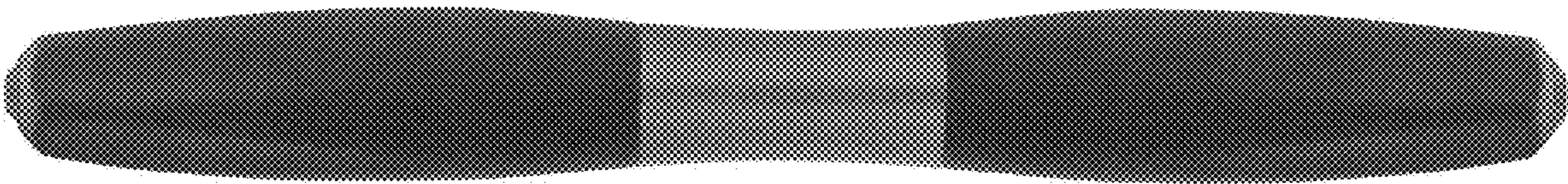
*Fig. 28*



*Fig. 29*

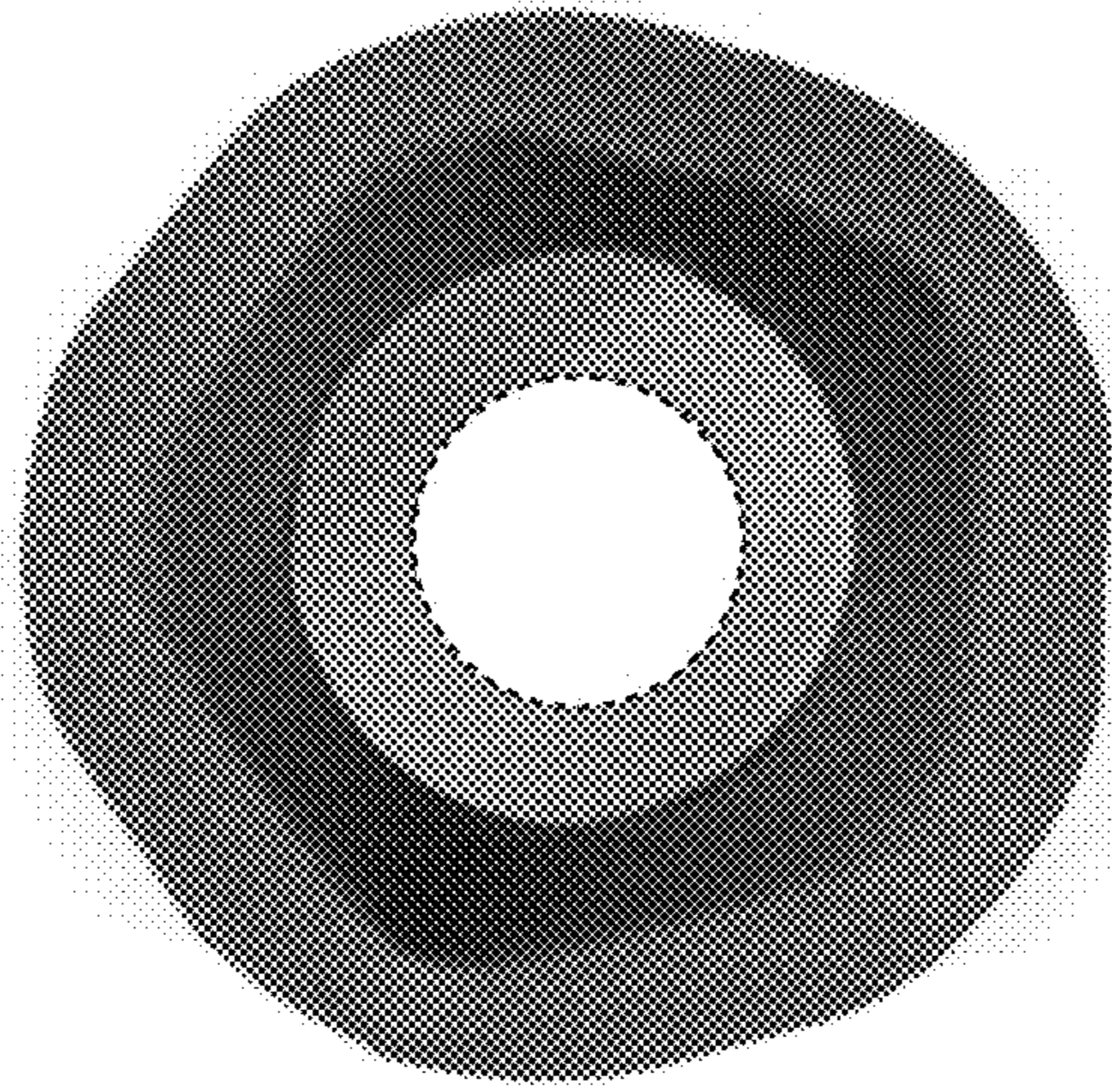


*Fig. 30*

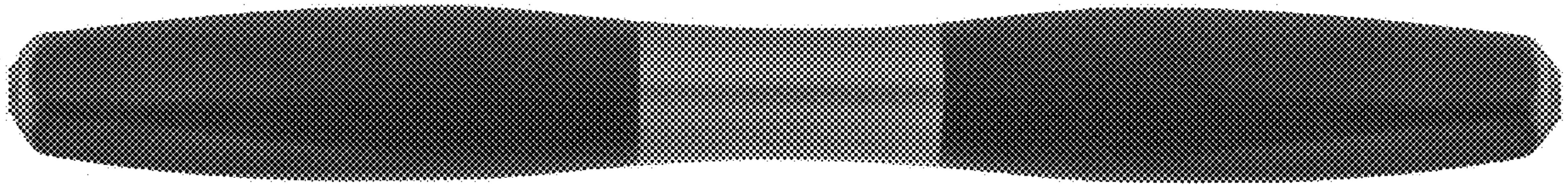


*Fig. 31*

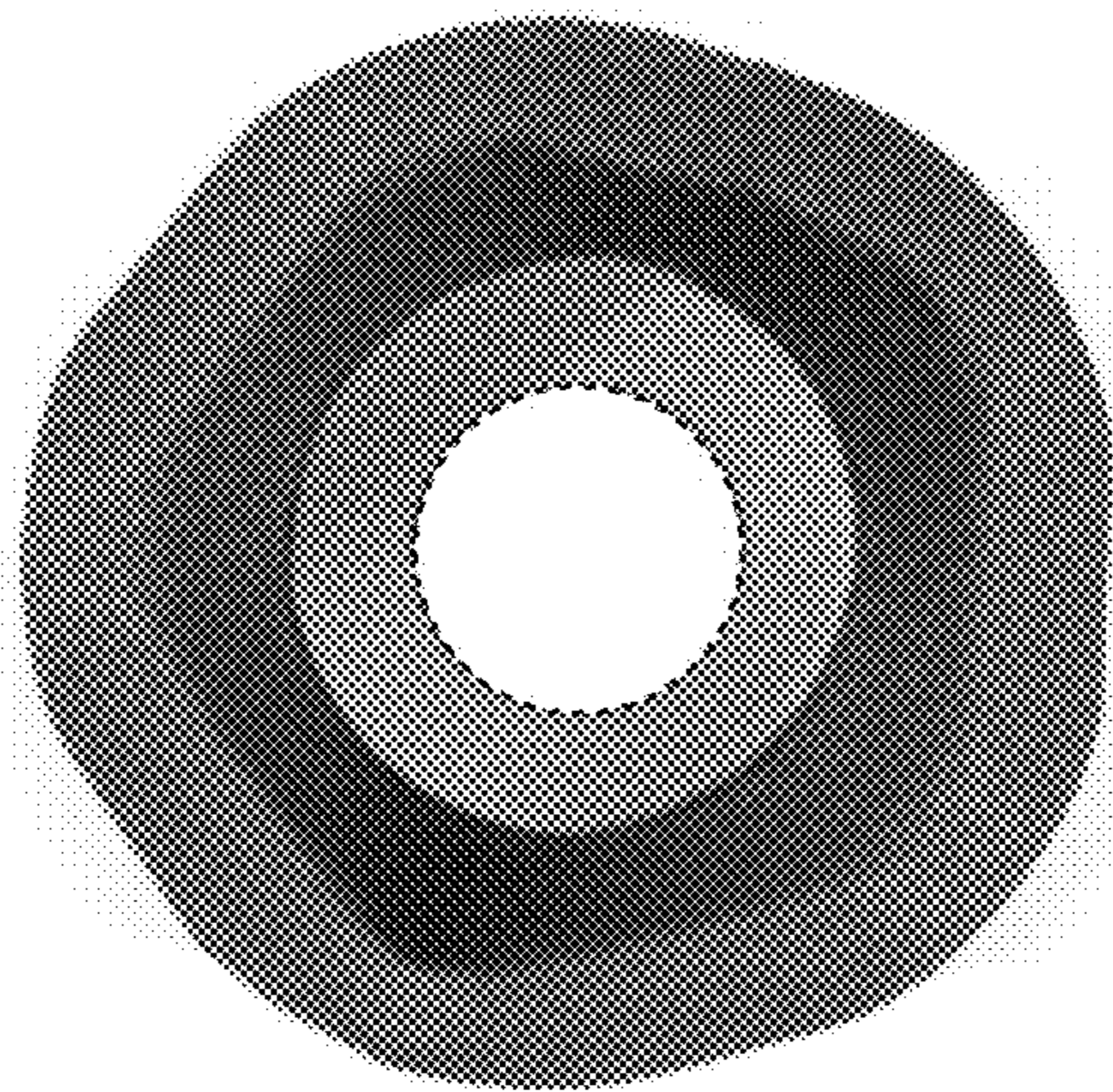




*Fig. 32*



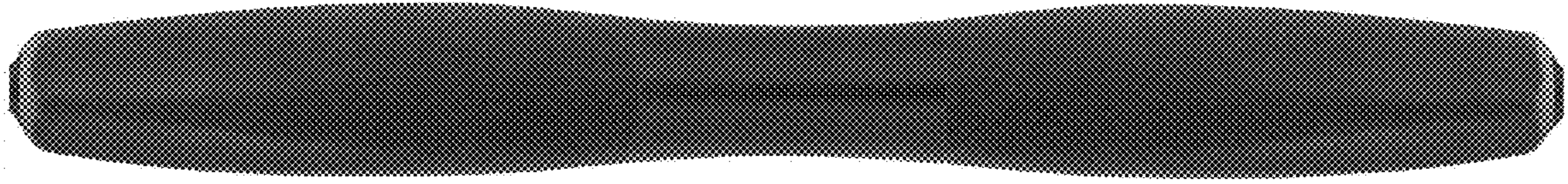
*Fig. 33*



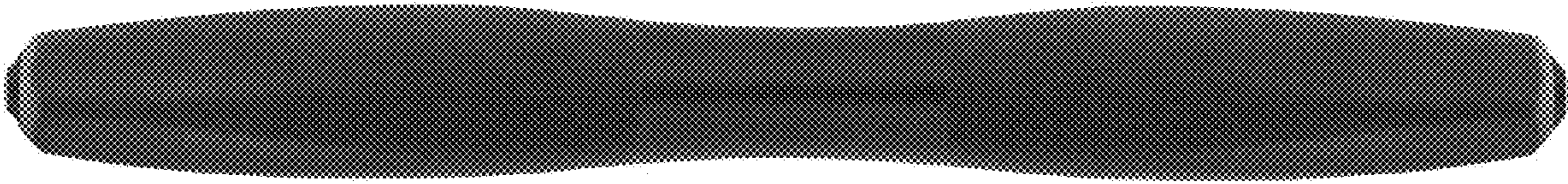
*Fig. 34*



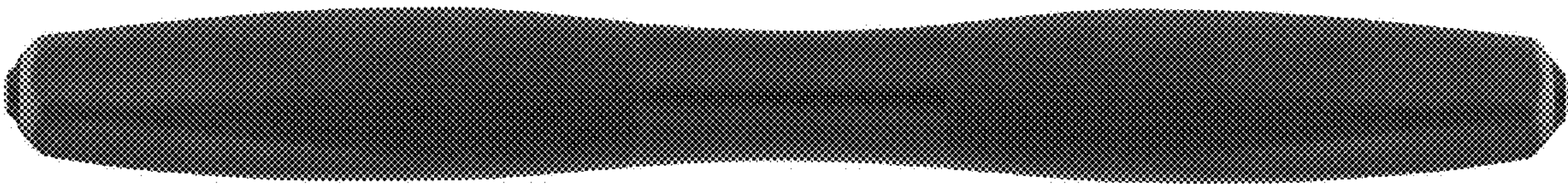
*Fig. 35*



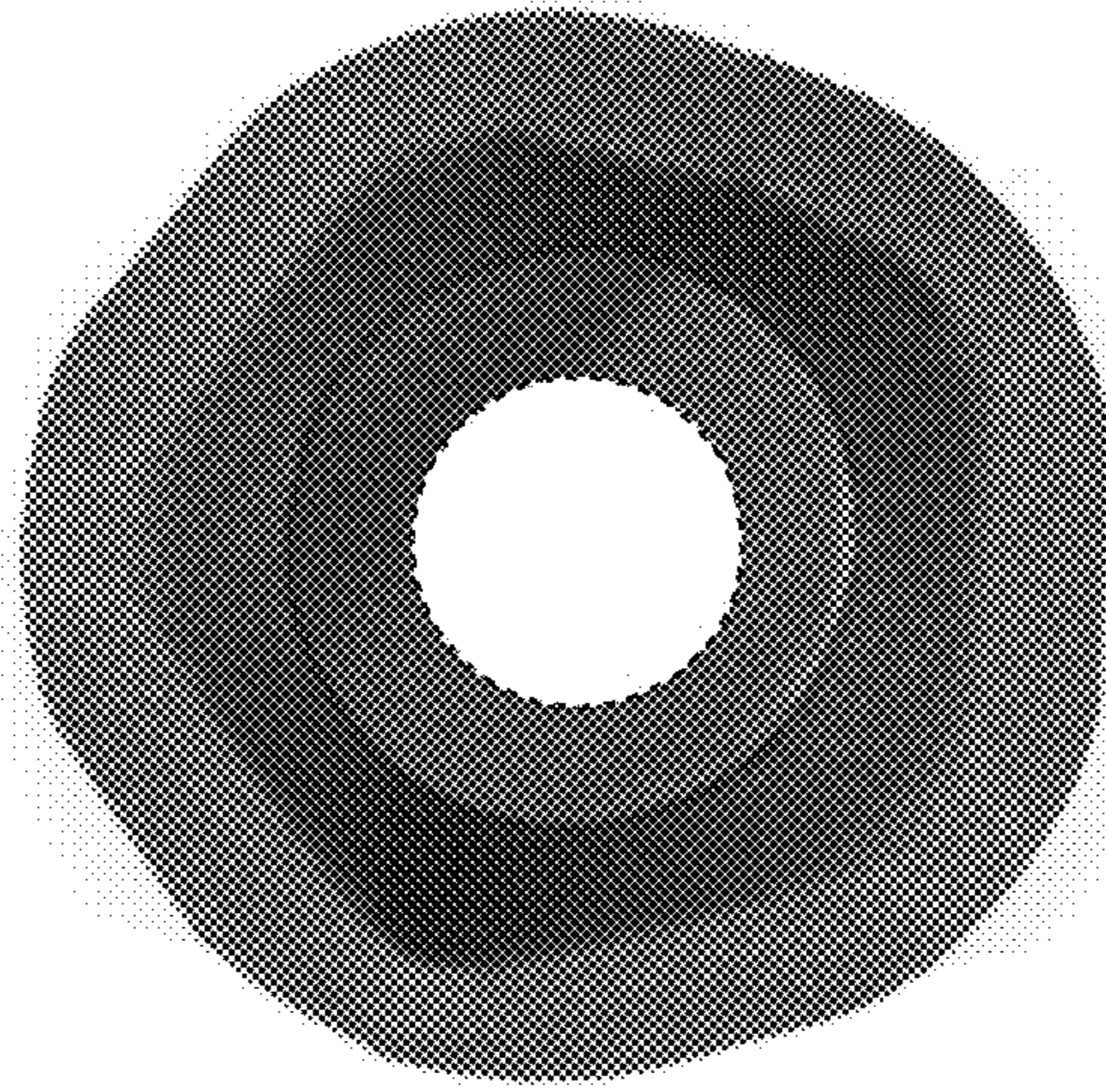
*Fig. 36*



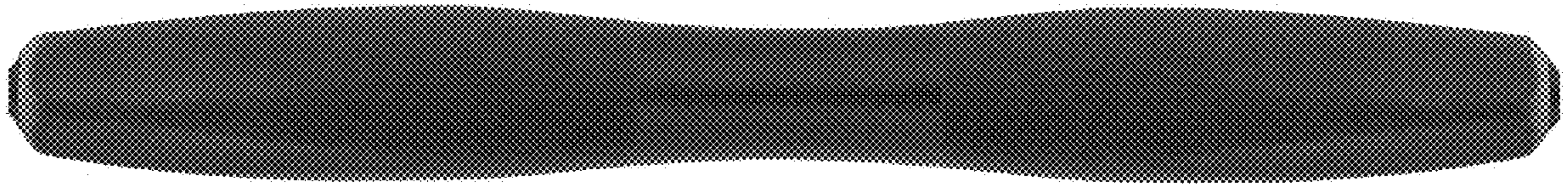
*Fig. 37*



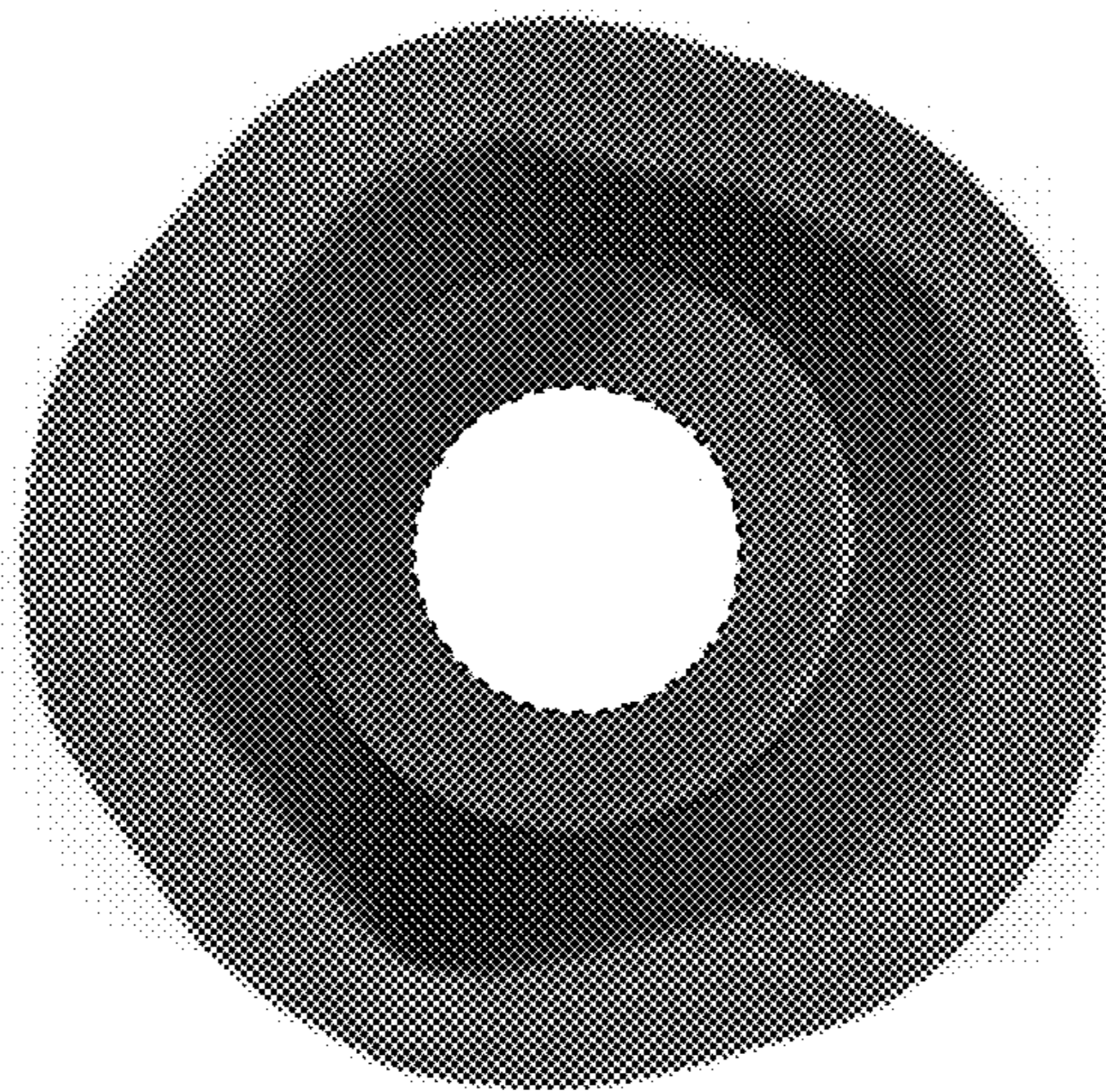
*Fig. 38*



*Fig. 39*



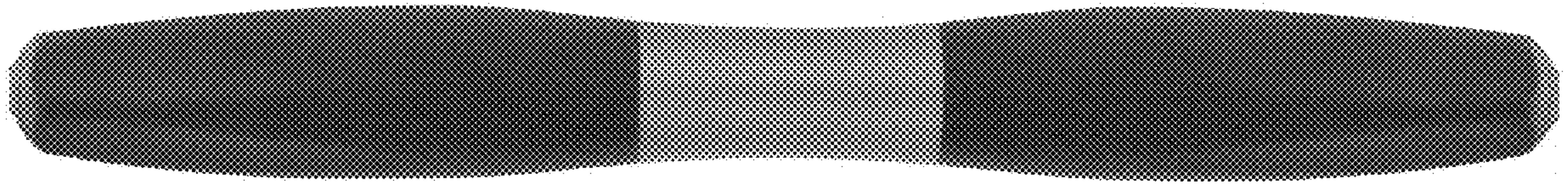
*Fig. 40*



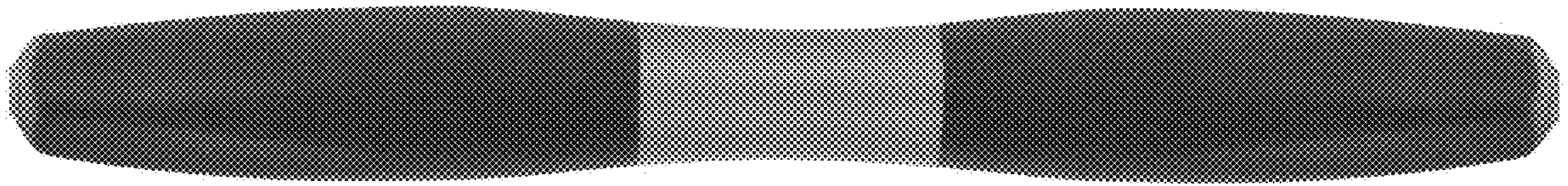
*Fig. 41*



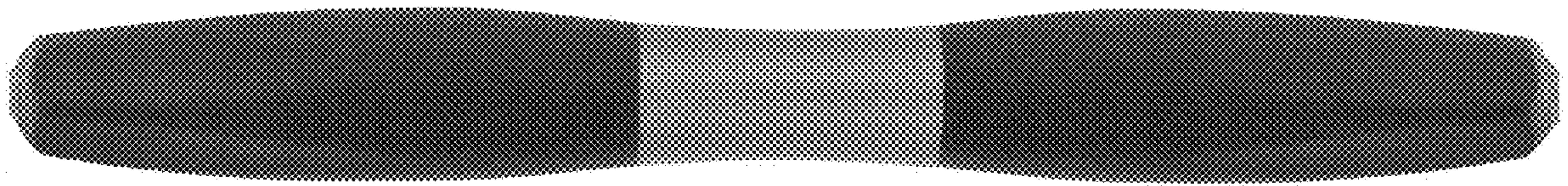
*Fig. 42*



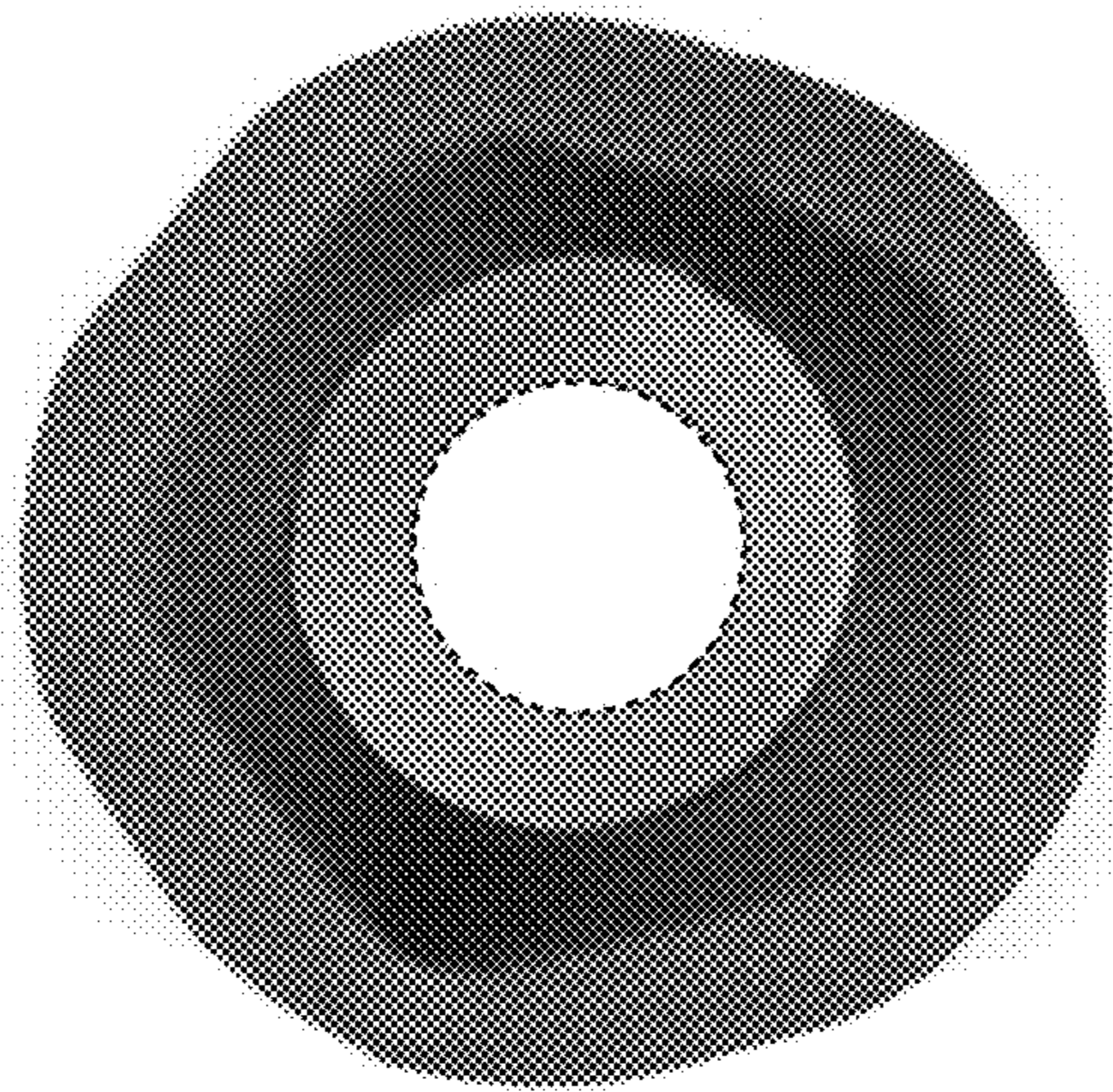
*Fig. 43*



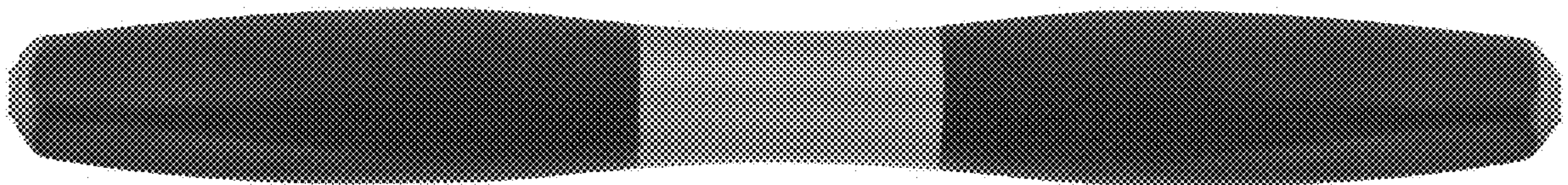
*Fig. 44*



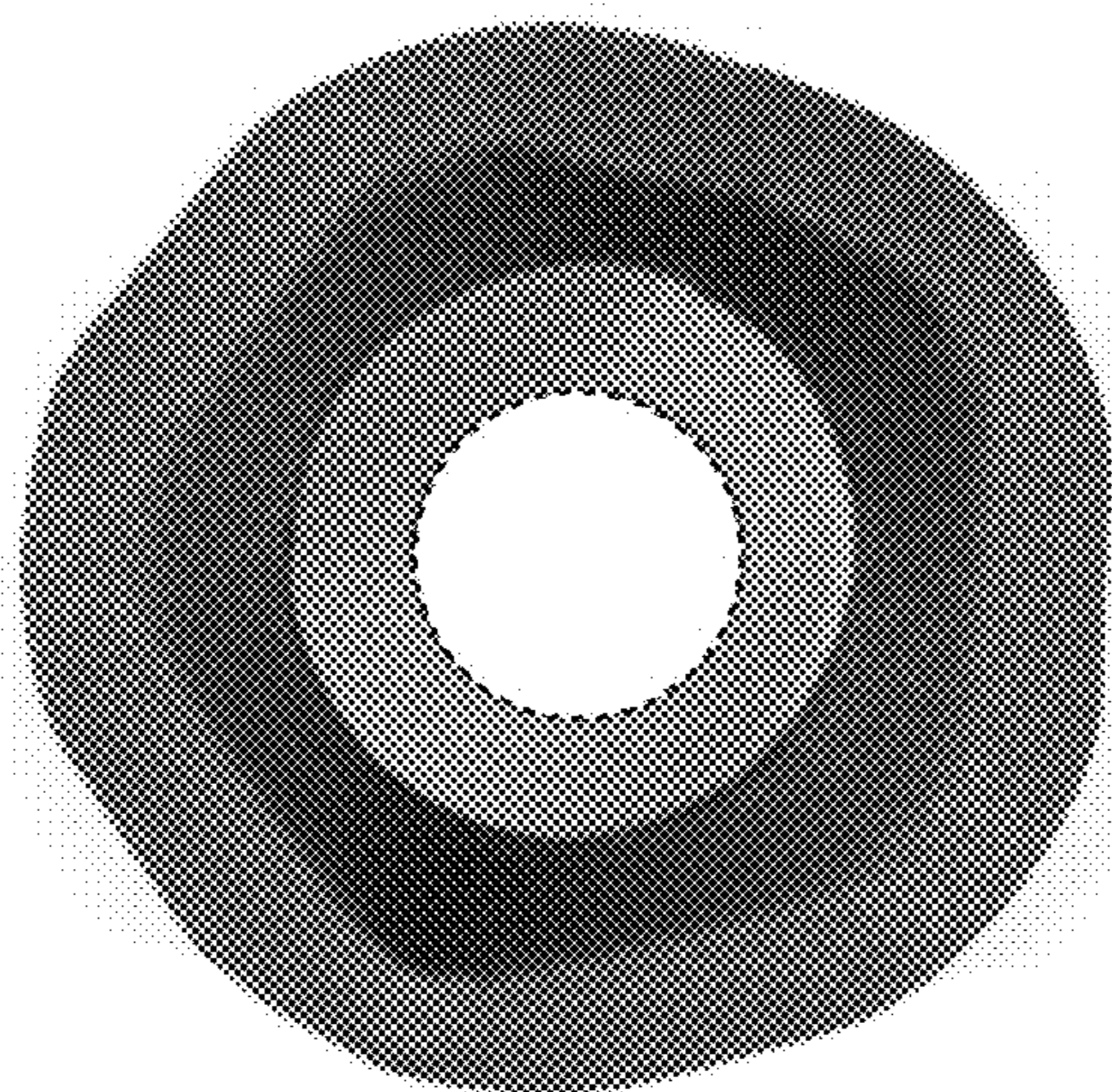
*Fig. 45*



*Fig. 46*



*Fig. 47*



*Fig. 48*



*Fig. 49*