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

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(45) **Date of Patent:** **** May 16, 2017**

(54) **SCREW REMOVER**

B25B 51/08; B25B 51/108; B25B
2251/66; B23P 15/00

See application file for complete search history.

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

(21) Appl. No.: **29/558,764**

(22) Filed: **Mar. 21, 2016**

Related U.S. Application Data

(62) Division of application No. 29/506,383, filed on Oct. 15, 2014, now Pat. No. Des. 774,868.

(30) **Foreign Application Priority Data**

Aug. 27, 2014 (CN) 2014 3 0310990

(51) **LOC (10) Cl.** **08-04**

(52) **U.S. Cl.**
USPC **D8/86; D8/70**

(58) **Field of Classification Search**

USPC D8/70, 82, 85-87, 105; D15/139;
81/436, 460-461

CPC B25B 13/06; B25B 13/5091; B25B 15/00;
B25B 15/001; B25B 15/002; B25B
15/004; B25B 15/005; B25B 15/008;
B25B 15/02; B25B 15/04; B25B 17/00;
B25B 21/007; B25B 23/00; B25B
23/0035; B25B 23/005; B25B 23/12;
B25B 23/1405; B25B 27/18; B25B 31/12;

(56) **References Cited**

U.S. PATENT DOCUMENTS

D363,294 S * 10/1995 Ellis D15/139
D379,578 S * 6/1997 Daniels D8/70
5,868,047 A * 2/1999 Faust B23P 15/00
81/438

(Continued)

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(57) **CLAIM**

The ornamental design for a screw remover, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of a screw remover showing our new design in accordance to a first embodiment;
FIG. 2 is a rear elevation view thereof;
FIG. 3 is a left-side elevation view thereof;
FIG. 4 is a right-side elevation view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof; and
FIG. 7 is a top perspective view thereof.
FIG. 8 is a front elevation view of a screw remover showing our new design in accordance to a second embodiment;
FIG. 9 is a rear elevation view thereof;
FIG. 10 is a left-side elevation view thereof;
FIG. 11 is a right-side elevation view thereof;
FIG. 12 is a top plan view thereof; and
FIG. 13 is a top perspective view thereof.
FIG. 14 is a front elevation view of a screw remover showing our new design in accordance to a third embodiment;
FIG. 15 is a rear elevation view thereof;
FIG. 16 is a left-side elevation view thereof;
FIG. 17 is a right-side elevation view thereof;

(Continued)

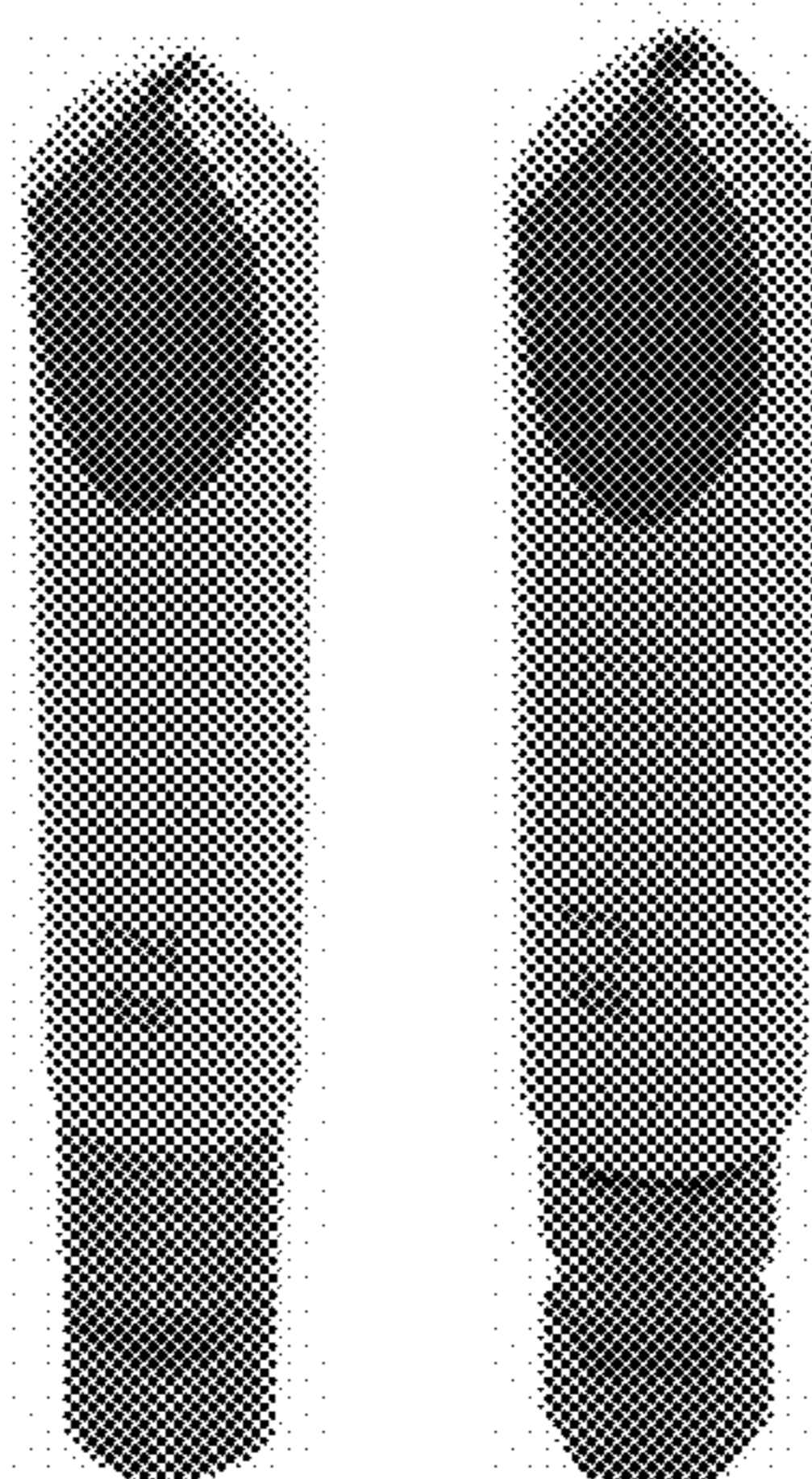


FIG. 18 is a top plan view thereof;
 FIG. 19 is a bottom plan view thereof; and,
 FIG. 20 is a top perspective view thereof.

1 Claim, 5 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D445,325 S * 7/2001 Fruhm D8/86
 6,352,011 B1 * 3/2002 Fruhm B25B 23/0035
 81/436
 D462,596 S * 9/2002 Fruhm D8/86
 6,761,089 B2 * 7/2004 Bergamo B25B 27/18
 81/441
 7,565,854 B2 * 7/2009 Chiang B25B 15/001
 279/75
 D631,723 S * 2/2011 DeBaker D8/86
 D645,328 S * 9/2011 Hsu D8/86

D646,138 S * 10/2011 Hsu D8/86
 D646,139 S * 10/2011 Hsu D8/86
 D656,611 S * 3/2012 Garcia D15/139
 8,210,545 B2 * 7/2012 Hild B23B 31/008
 279/19.6
 D687,871 S * 8/2013 Liao D15/139
 D704,022 S * 5/2014 Hsu D8/86
 D706,106 S * 6/2014 Chen D8/86
 D725,984 S * 4/2015 Moss D8/86
 D726,521 S * 4/2015 Moss D8/86
 D736,053 S * 8/2015 Zhang D8/86
 D752,408 S * 3/2016 Moss D8/86
 2008/0216618 A1 * 9/2008 Chen B25B 23/12
 81/451
 2009/0288525 A1 * 11/2009 Chen B25B 23/12
 81/451
 2010/0307298 A1 * 12/2010 Lai B25B 15/002
 81/442
 2011/0197721 A1 * 8/2011 DeBaker B25B 15/002
 81/436
 2013/0340578 A1 * 12/2013 Lai B25B 15/005
 81/460

* cited by examiner

FIG. 2

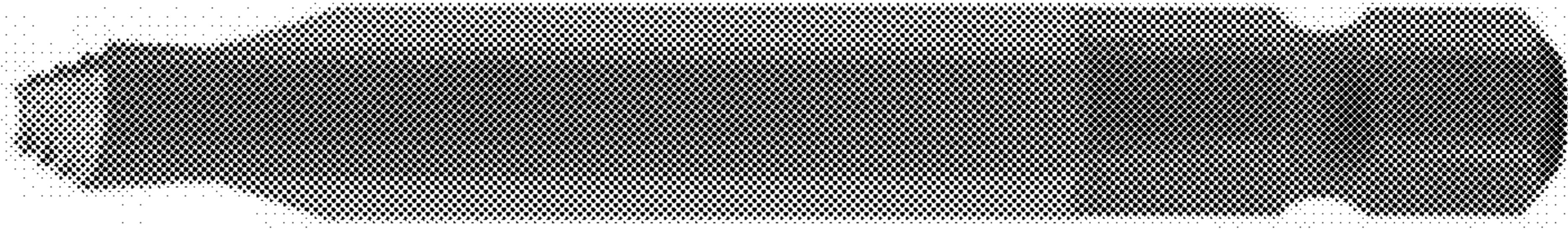


FIG. 1

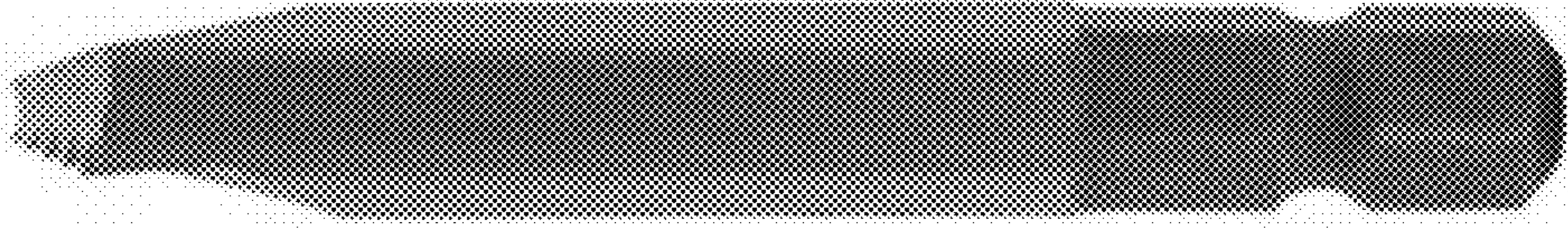


FIG. 7

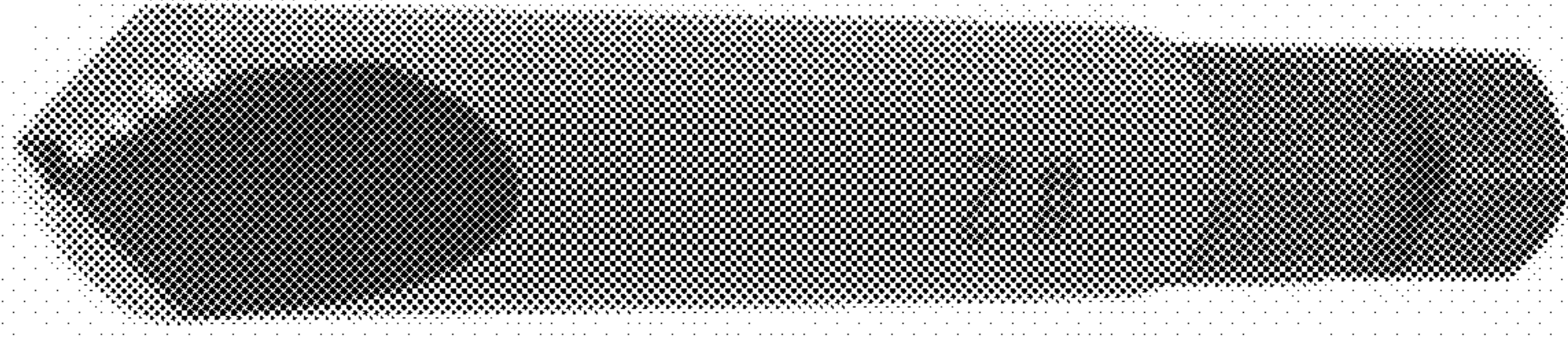


FIG. 5

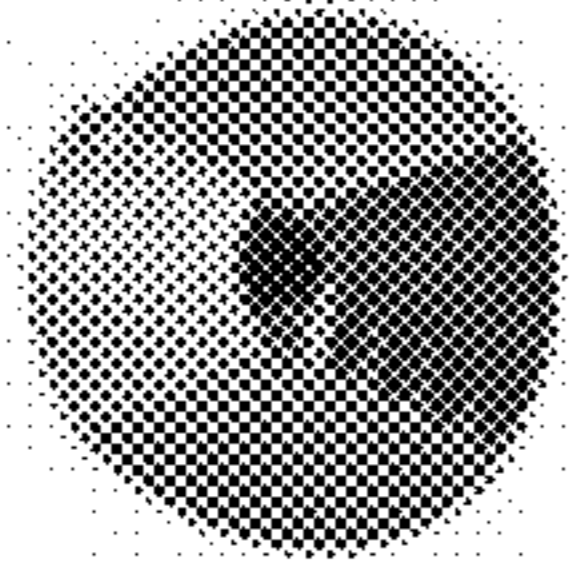


FIG. 6

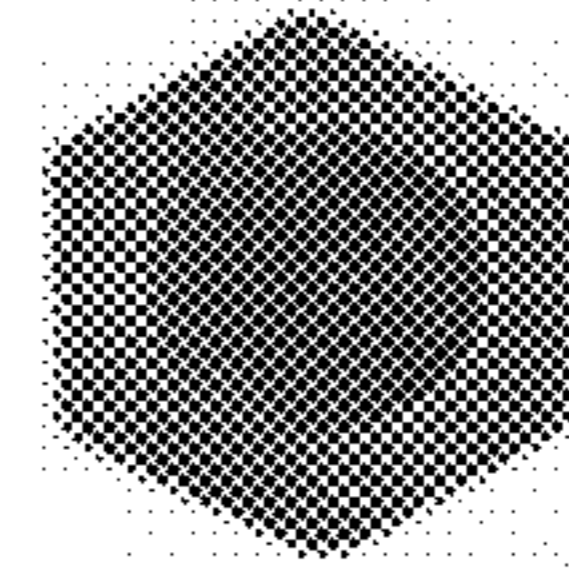


FIG. 4

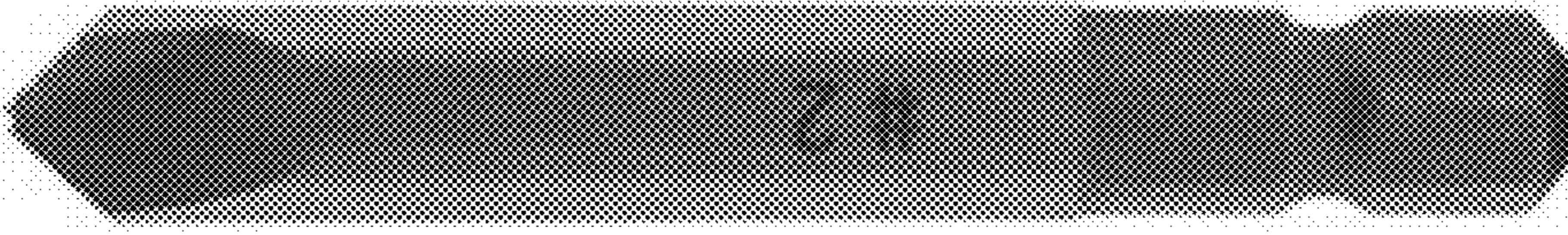


FIG. 3

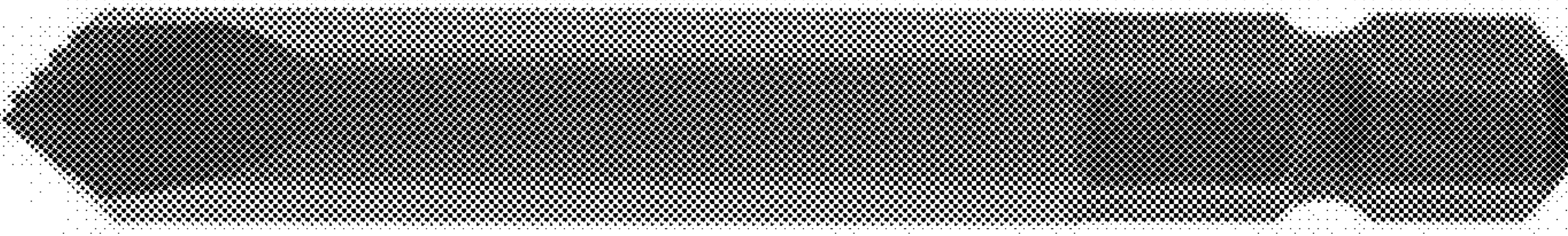


FIG. 11

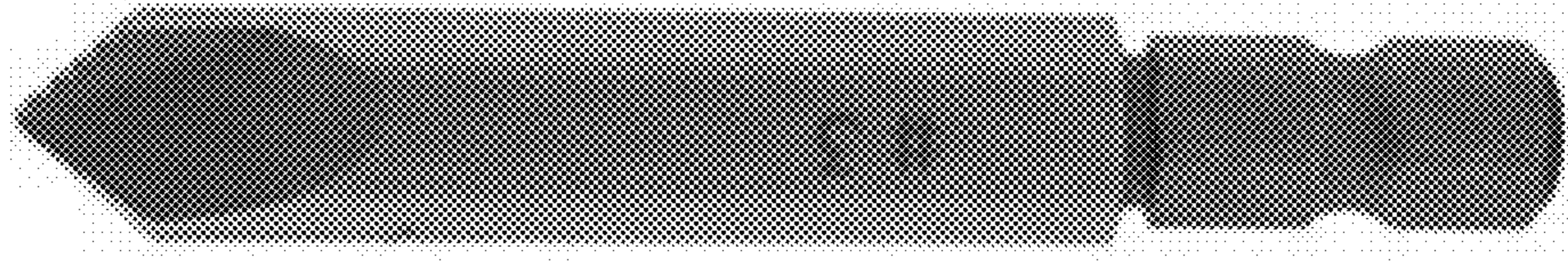


FIG. 10

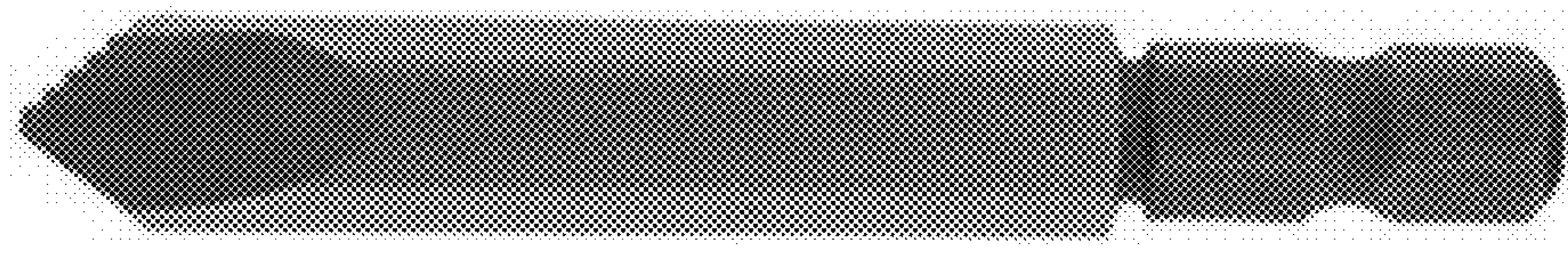


FIG. 9

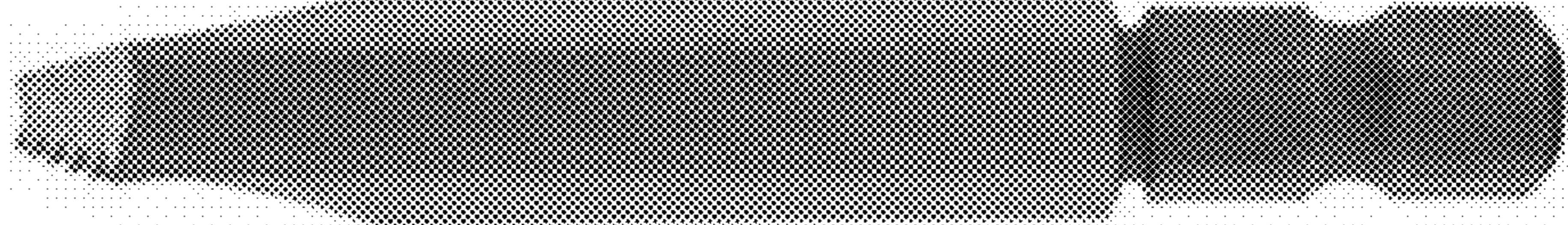


FIG. 8

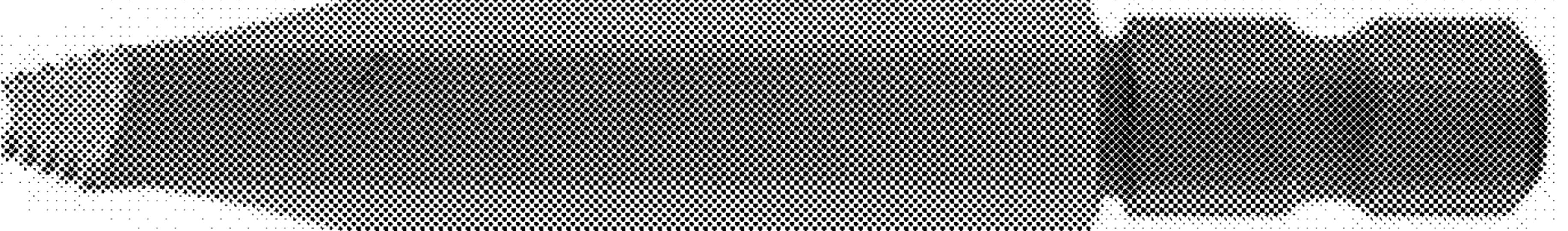


FIG. 12

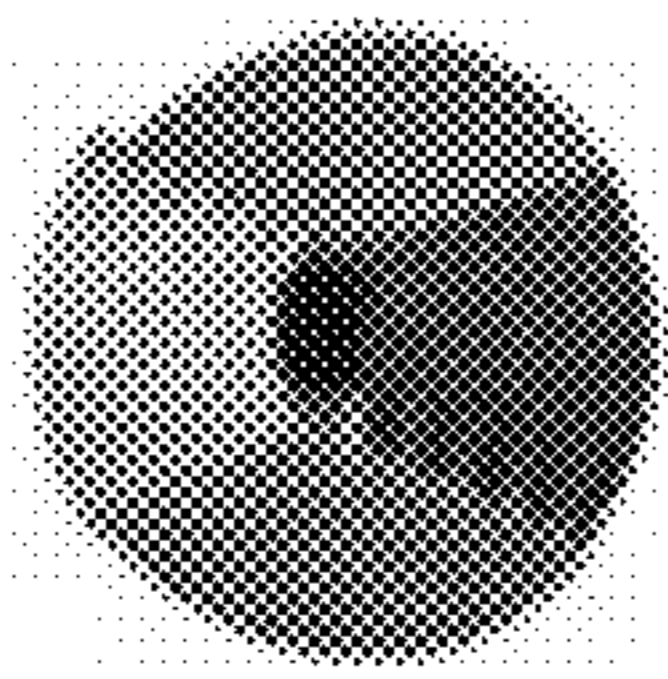


FIG. 13

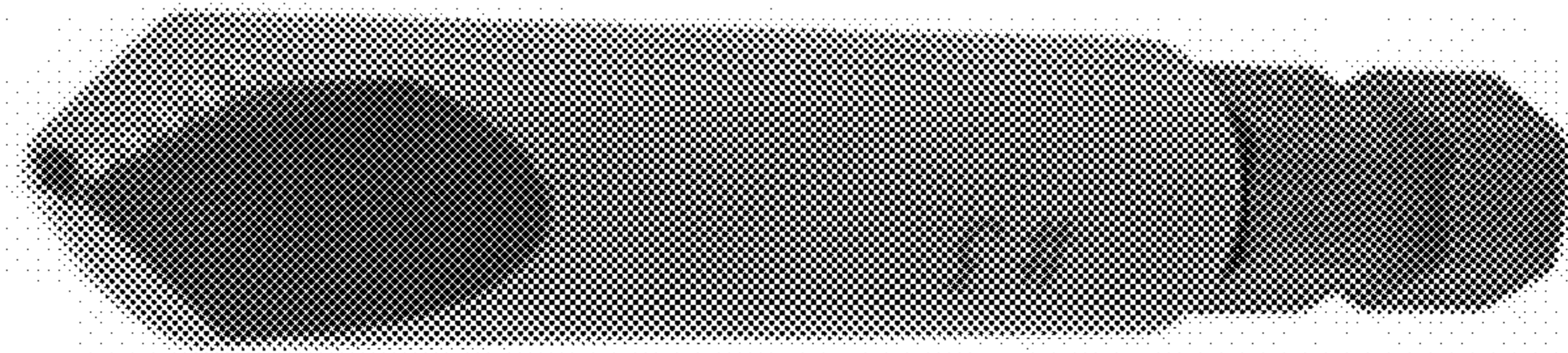


FIG. 14

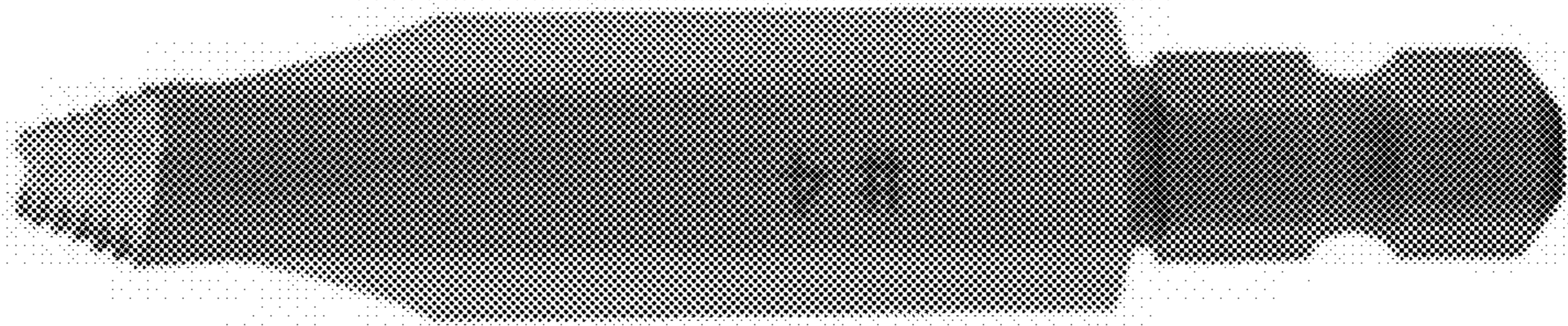


FIG. 15

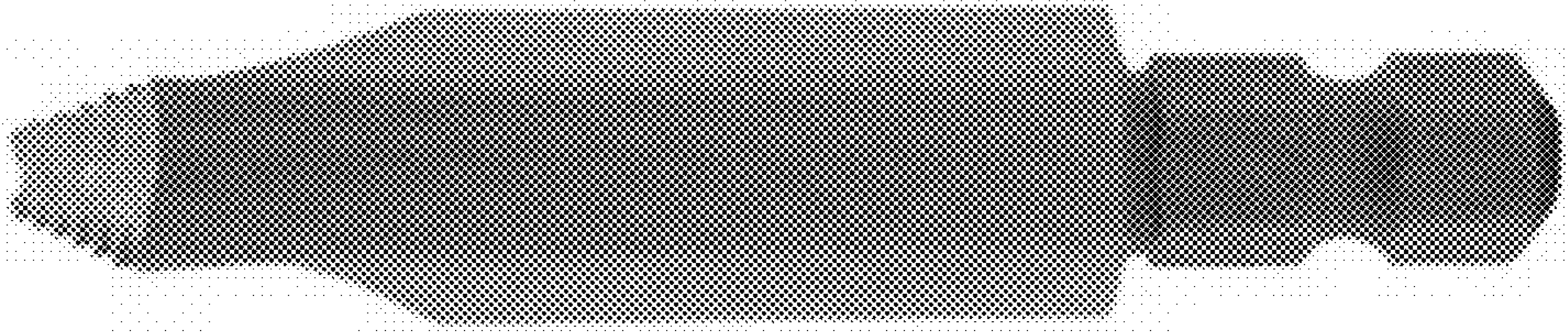


FIG. 20

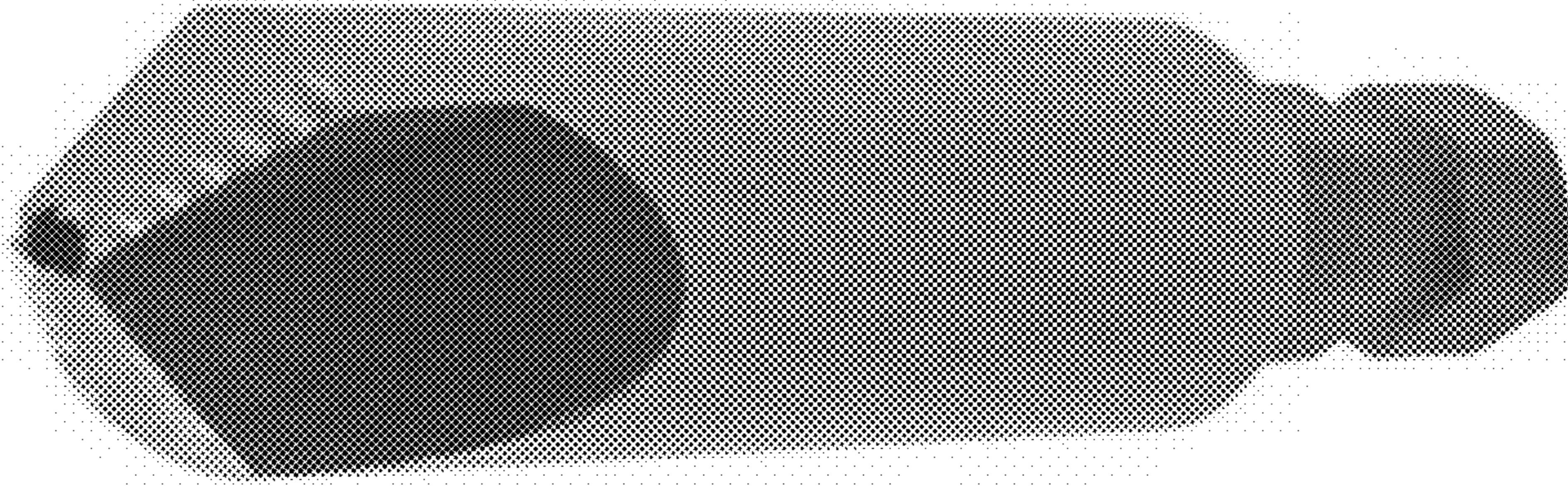


FIG. 18

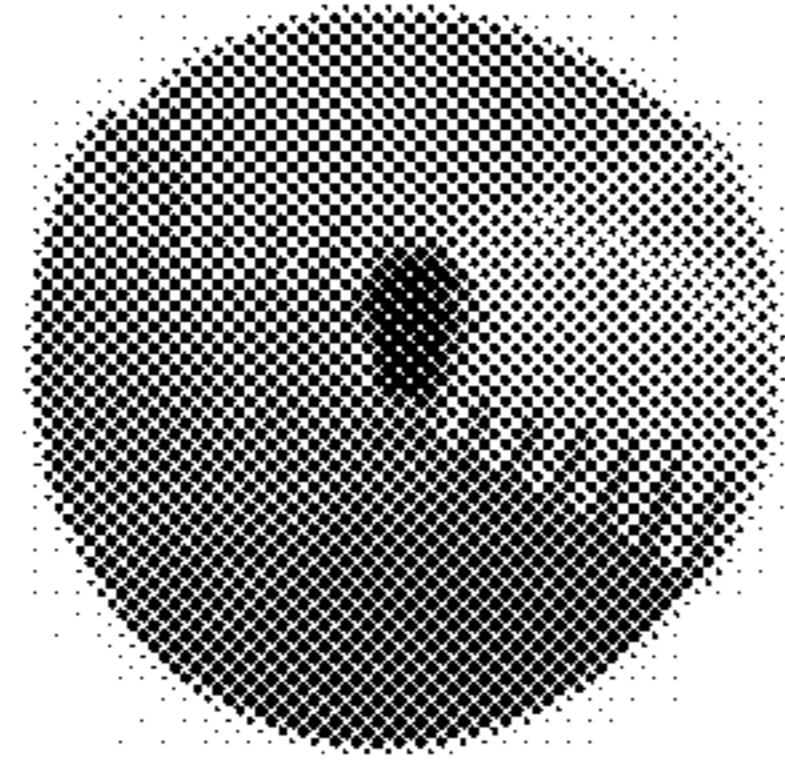


FIG. 19

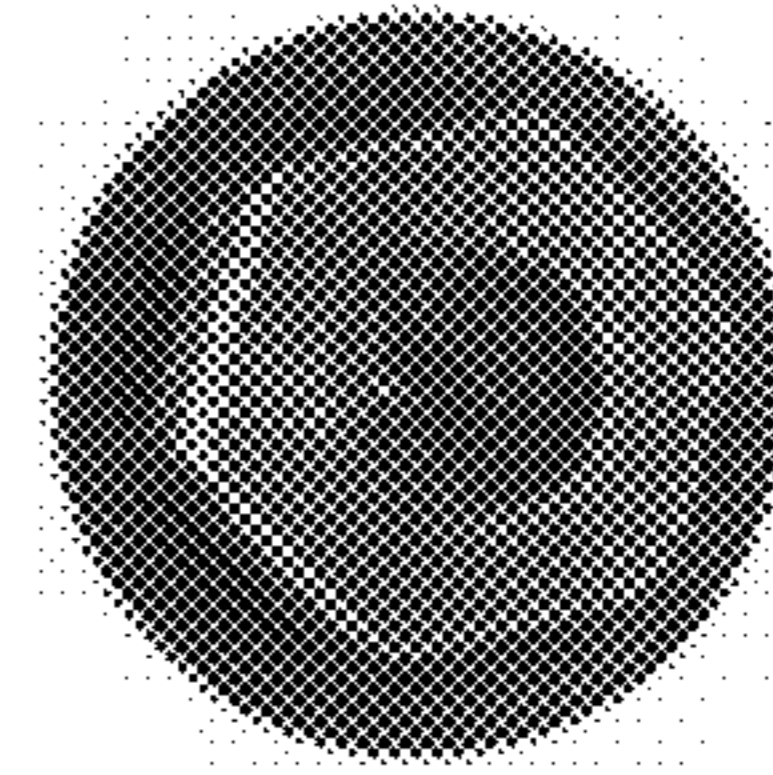


FIG. 17

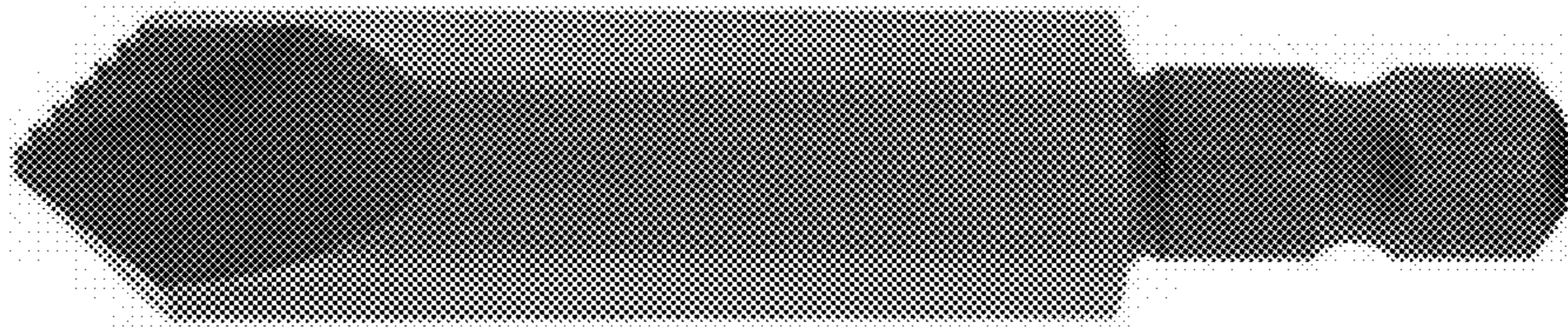


FIG. 16

