



US00D780646S

(12) **United States Design Patent** (10) **Patent No.:** **US D780,646 S**
Wolff et al. (45) **Date of Patent:** **** Mar. 7, 2017**

(54) **VEHICLE FRONT LOWER GRILLE**

(71) Applicant: **Ford Global Technologies, LLC,**
Dearborn, MI (US)

(72) Inventors: **Max Wolff,** Birmingham, MI (US);
Solomon Song, Farmington Hills, MI (US)

(73) Assignee: **Ford Global Technologies, LLC,**
Dearborn, MI (US)

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

(21) Appl. No.: **29/544,838**

(22) Filed: **Nov. 6, 2015**

(51) **LOC (10) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/163**

(58) **Field of Classification Search**
USPC D12/86, 90, 91, 92, 163, 169, 196, 171,
D12/216; D15/31; 180/68.1, 68.6;
293/103, 115, 117, 120, 193.1, 193.11
CPC . B60R 19/52; B60R 2019/525; B60K 11/085;
B62D 25/084; H01Q 1/32
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D525,180 S * 7/2006 Konaka D12/169
D561,654 S * 2/2008 Platto D12/163
D578,443 S * 10/2008 Schiavone D12/163
D584,196 S * 1/2009 Ebel D12/163
D584,197 S * 1/2009 Song D12/163
D586,267 S * 2/2009 Ebel D12/163
D589,856 S * 4/2009 Woolley D12/169
D591,210 S * 4/2009 Woolley D12/169
D593,460 S * 6/2009 Schiavone D12/163

D603,305 S * 11/2009 Woolley D12/163
D664,481 S * 7/2012 Platto D12/163
D664,900 S * 8/2012 Platto D12/163
D680,921 S * 4/2013 Jara D12/163
D683,667 S * 6/2013 Platto D12/163
D685,692 S * 7/2013 Platto D12/163
D692,804 S * 11/2013 Song D12/163
D712,319 S * 9/2014 Mays D12/163
D720,263 S * 12/2014 Pevovar D12/163

(Continued)

OTHER PUBLICATIONS

“2016 Edge—Agressively Styled.” Ford Motors Electronic Brochure., Oct. 16, 2015 [online], [retrieved on Oct. 28, 2016]. Retrieved from the Internet <URL: http://www.auto-brochures.com/makes/Ford/Edge/Ford_US%20Edge_2016.pdf>.*

(Continued)

Primary Examiner — Darlington Ly

(74) *Attorney, Agent, or Firm* — Damian Porcari

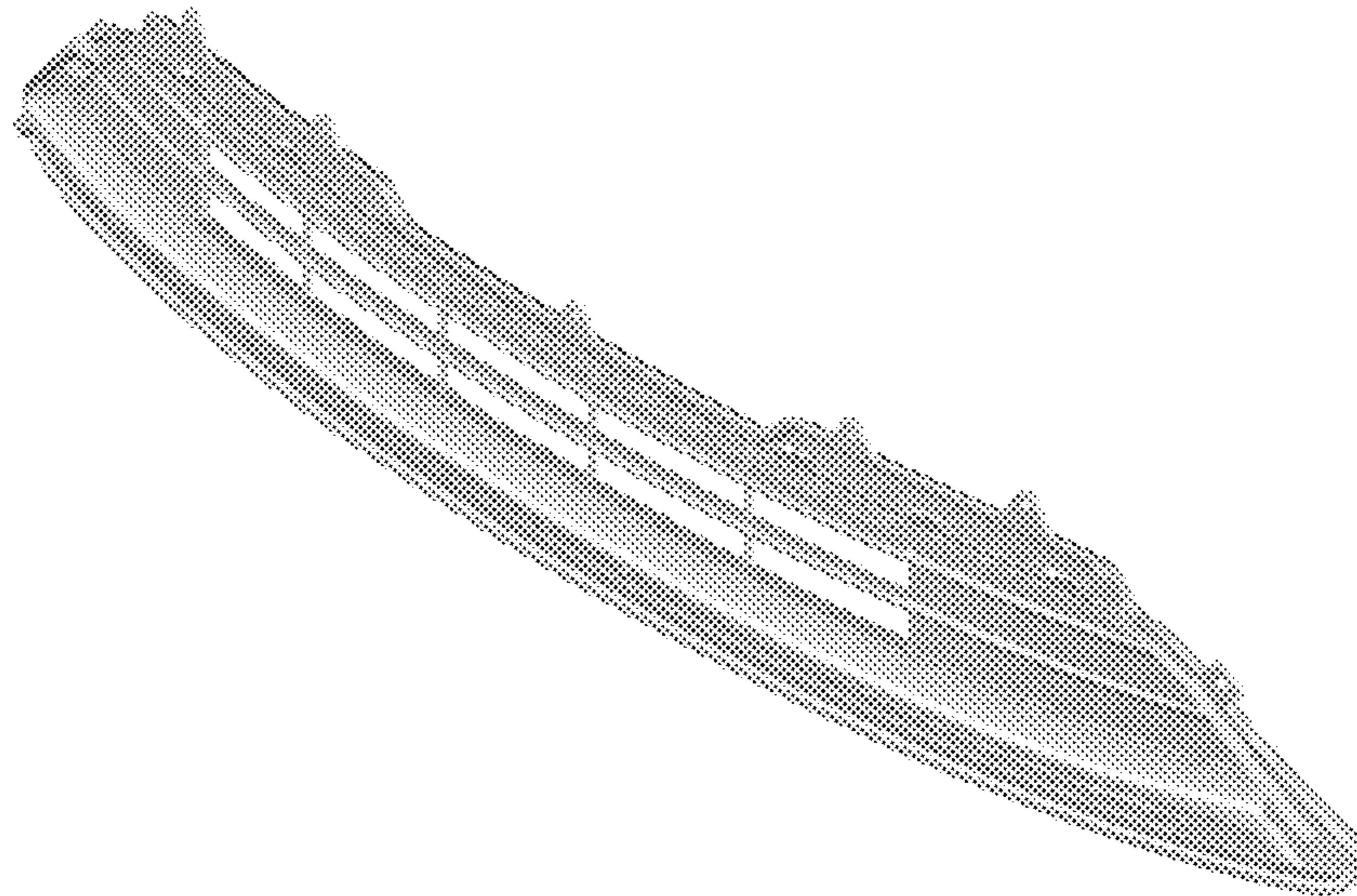
(57) **CLAIM**

The ornamental design for a vehicle front lower grille, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, and left side perspective view of the vehicle front upper grille showing our new design; FIG. 2 is a top, front, and right side perspective view thereof; FIG. 3 is a top, rear, and left side perspective view thereof; FIG. 4 is a front elevational view thereof; FIG. 5 is a rear elevational view thereof; FIG. 6 is a left side elevational view thereof; FIG. 7 is a right side elevational view thereof; FIG. 8 is a top plan view thereof; and, FIG. 9 is a bottom plan view thereof.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D740,184 S * 10/2015 Blanski D12/163
2013/0119709 A1 * 5/2013 Guenther B60K 11/085
296/193.1

OTHER PUBLICATIONS

“2015 Taurus + SHO.” Ford Motors Electronic Brochure., Oct. 5, 2014 [online], [retrieved on Oct. 28, 2016]. Retrieved from the Internet <URL: http://www.auto-brochures.com/makes/Ford/Taurus/Ford_US%20Taurus_2015.pdf>.*

“2015 Hyundai Santa Fe.” Hyundai Electronic Brochure., Oct. 28, 2014 [online], [retrieved on Oct. 28, 2016]. Retrieved from the Internet <URL: http://www.auto-brochures.com/makes/Hyundai/Santa%20Fe/Hyundai_US%20SantaFe_2015.pdf>.*

“2015 Edge—Intelligently Reimagined.” Ford Motors Electronic Brochure., Jun. 24, 2014 [online], [retrieved on Oct. 28, 2016]. Retrieved from the Internet <URL: http://www.auto-brochures.com/makes/Ford/Edge/Ford_US%20Edge_2015.pdf>.*

<http://www.fordinsidenews.com> 2017 Lincoln MKZ on the streets, dated Apr. 15, 2015.

<http://www.caranddriver.com/news/2017-lincoln-mkz-spy-photos-news> by: Alexander Stoklosa dated May 2015.

* cited by examiner

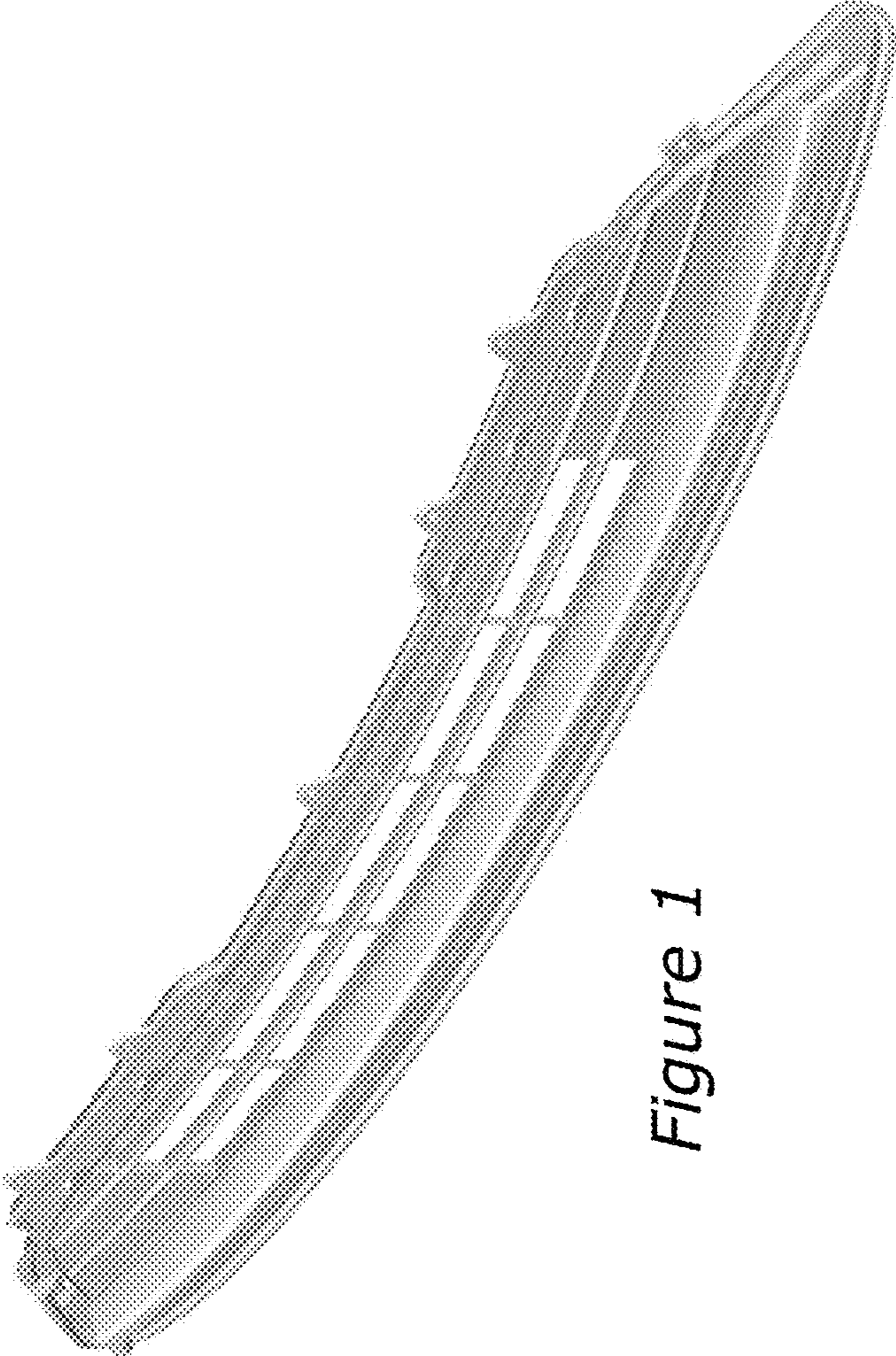


Figure 1

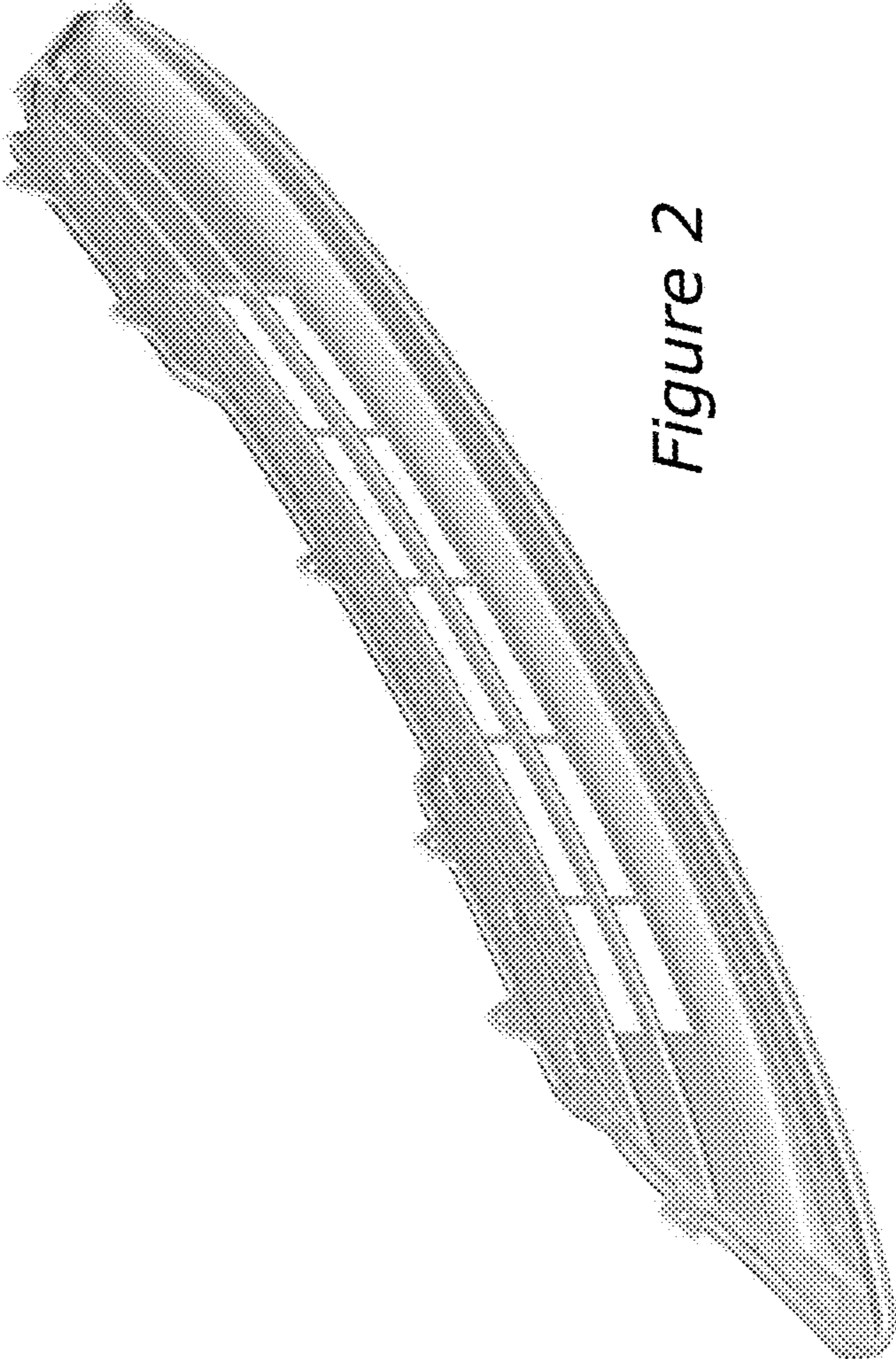


Figure 2

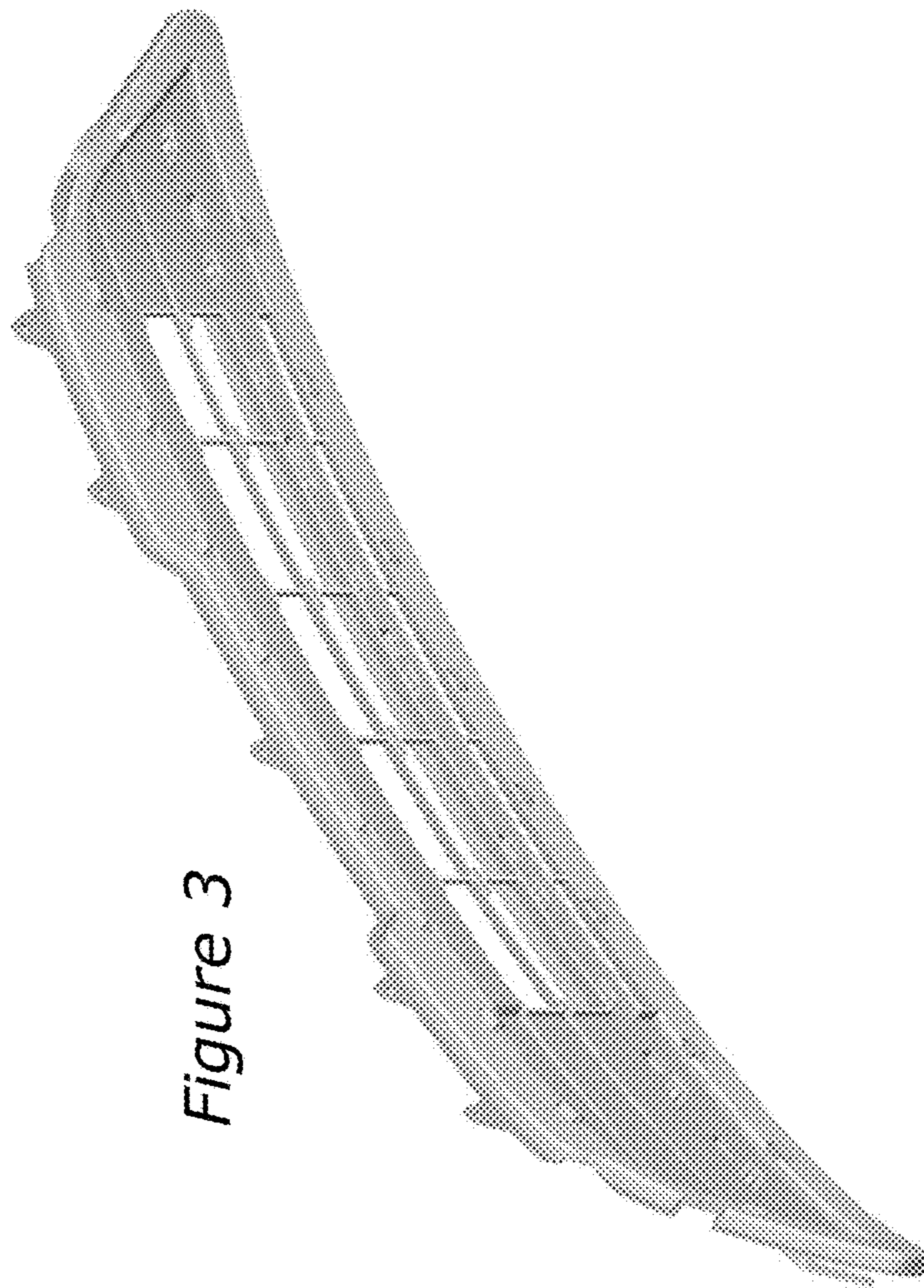


Figure 3

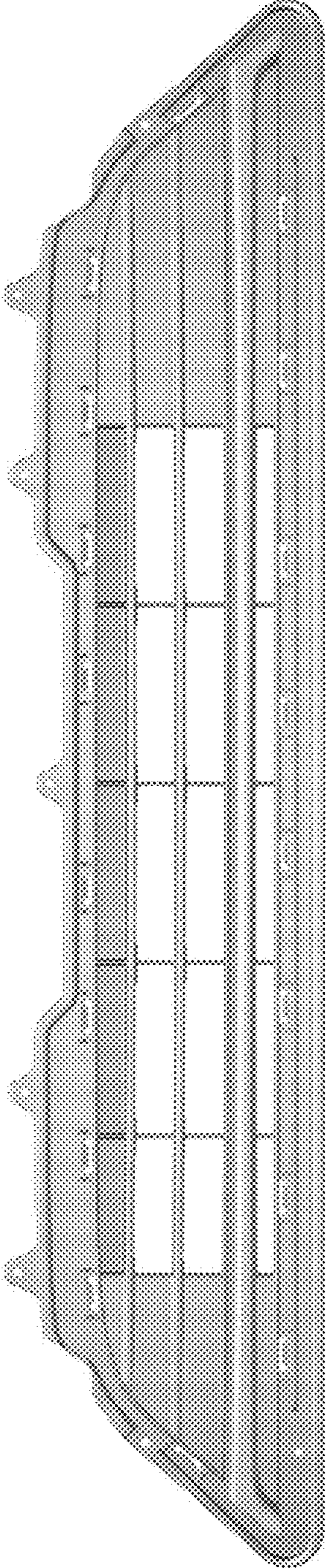


Figure 4

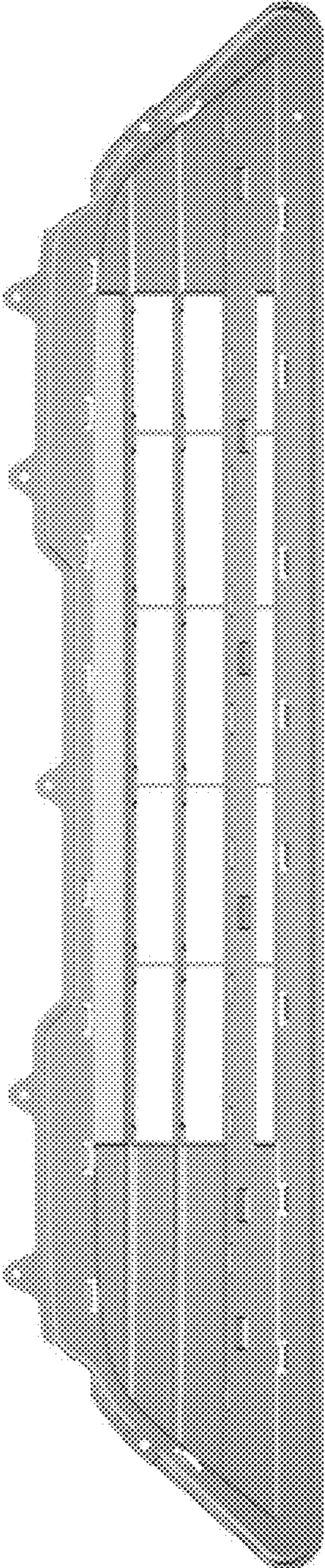


Figure 5

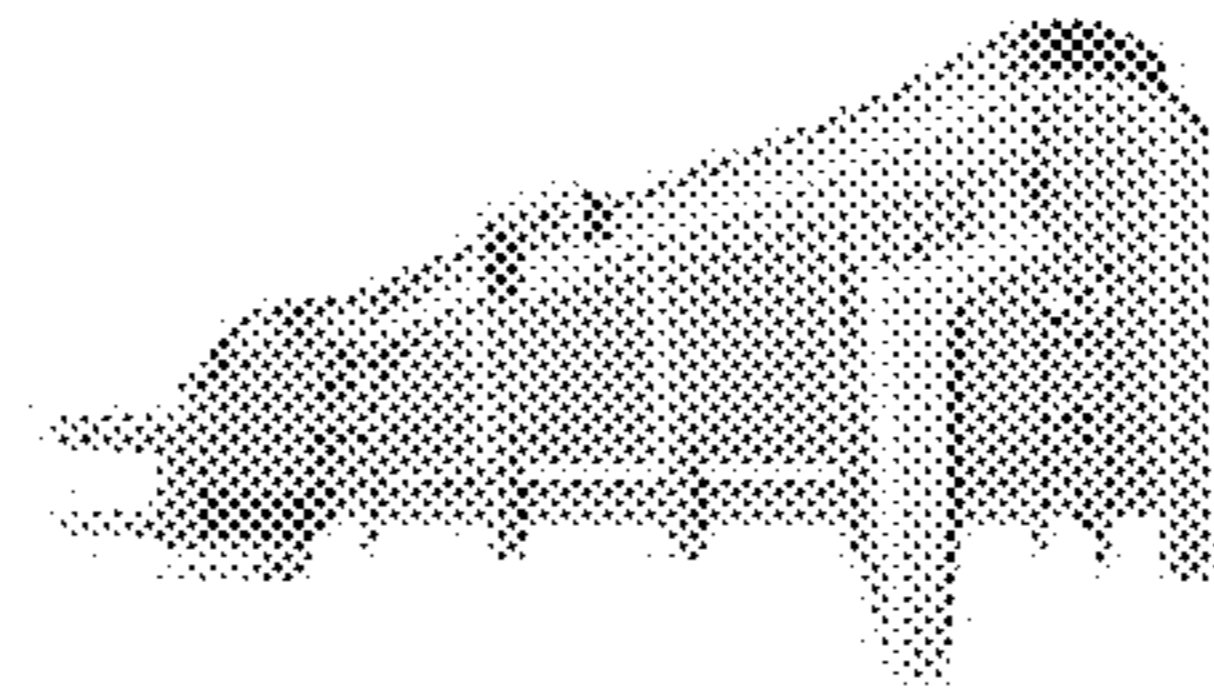


Figure 6

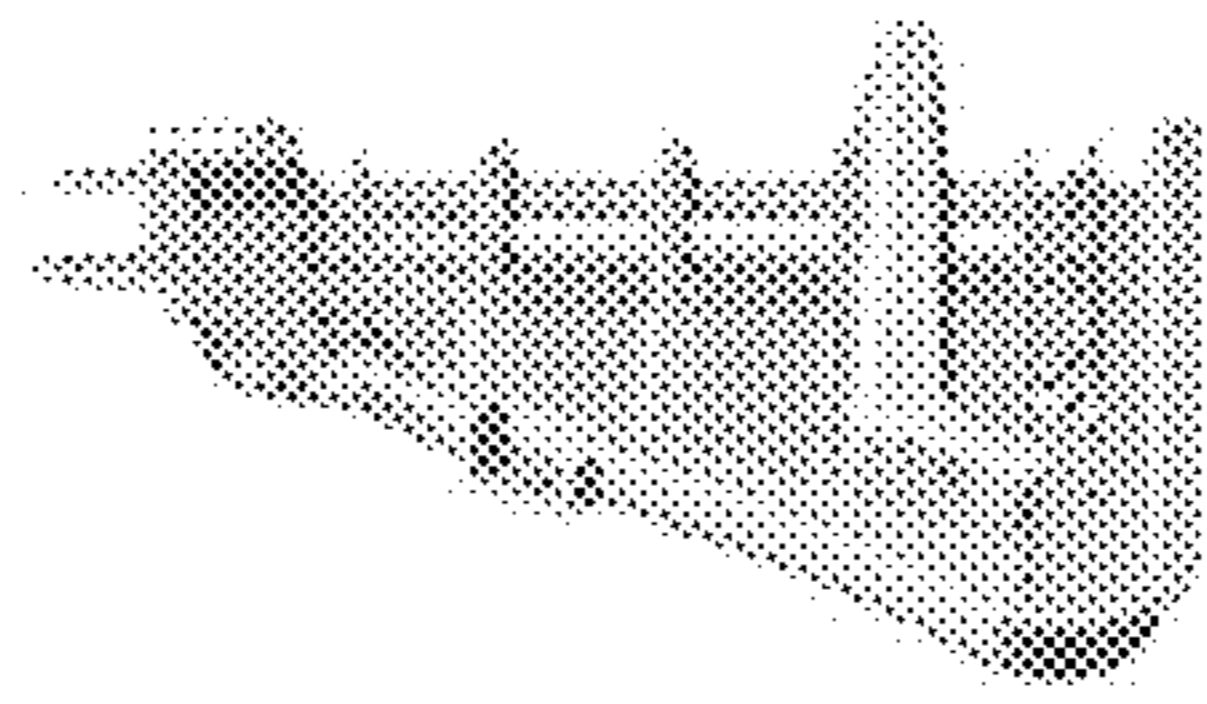


Figure 7

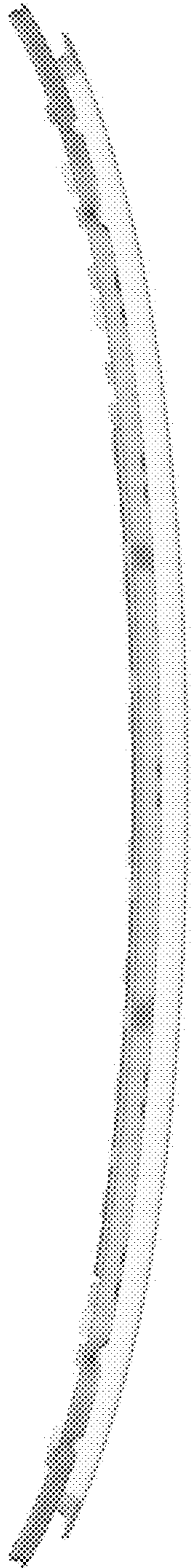


Figure 8

Figure 9

