



US00D878253S

(12) **United States Design Patent**  
**Woodhouse et al.**

(10) **Patent No.:** **US D878,253 S**  
(45) **Date of Patent:** **\*\* Mar. 17, 2020**

(54) **VEHICLE FRONT LOWER GRILLE**

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

(72) Inventors: **David Woodhouse,** Troy, MI (US);  
**Kemal Curic,** Irvine, CA (US); **Xitij Mistry,** Ann Arbor, MI (US);  
**Gurminder Bhandal,** Ferndale, MI (US); **John C. Caswell,** Grosse Pointe, MI (US)

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

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

(21) Appl. No.: **29/641,685**

(22) Filed: **Mar. 23, 2018**

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

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

(58) **Field of Classification Search**  
USPC ..... D12/163, 164, 165, 166, 167, 168, 169,  
D12/170, 171, 172, 173, 181  
CPC ..... B60K 11/08; B62L 39/16; B60R 19/50;  
B62D 25/08  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D307,124 S *	4/1990	Hayashi	.....	D12/163
D379,467 S *	5/1997	Martin	.....	D15/89
D593,460 S *	6/2009	Schiavone	.....	D12/163
D680,921 S *	4/2013	Jara	.....	D12/163
D692,804 S *	11/2013	Song	.....	D12/163
D698,704 S *	2/2014	Rupar	.....	D12/163
D701,804 S *	4/2014	Campbell	.....	D12/169
D754,571 S *	4/2016	Boniface	.....	D12/163

D769,778 S *	10/2016	Messale	.....	D12/163
D780,644 S *	3/2017	Kim	.....	D12/163
D786,743 S *	5/2017	Smith	.....	D12/163
D787,988 S *	5/2017	Lee	.....	D12/163
D788,656 S *	6/2017	Svensson	.....	D12/163
D791,653 S *	7/2017	Svensson	.....	D12/163
D805,968 S *	12/2017	Piscitelli	.....	D12/163
D806,616 S *	1/2018	Granlund	.....	D12/163
D813,732 S *	3/2018	Whitla	.....	D12/163
D815,994 S *	4/2018	Nakamura	.....	D12/163
D823,179 S *	7/2018	Platto	.....	D12/163
D824,812 S *	8/2018	Loeb	.....	D12/163
D825,403 S *	8/2018	Whitla	.....	D12/163
D827,510 S *	9/2018	Kim	.....	D12/163
D827,511 S *	9/2018	Woodhouse	.....	D12/163
D827,513 S *	9/2018	Gueler	.....	D12/163
D830,918 S *	10/2018	Kozub	.....	D12/163
D831,545 S *	10/2018	Smock	.....	D12/163

\* cited by examiner

*Primary Examiner* — Susan Bennett Hattan  
*Assistant Examiner* — Suzanne E Tisdell

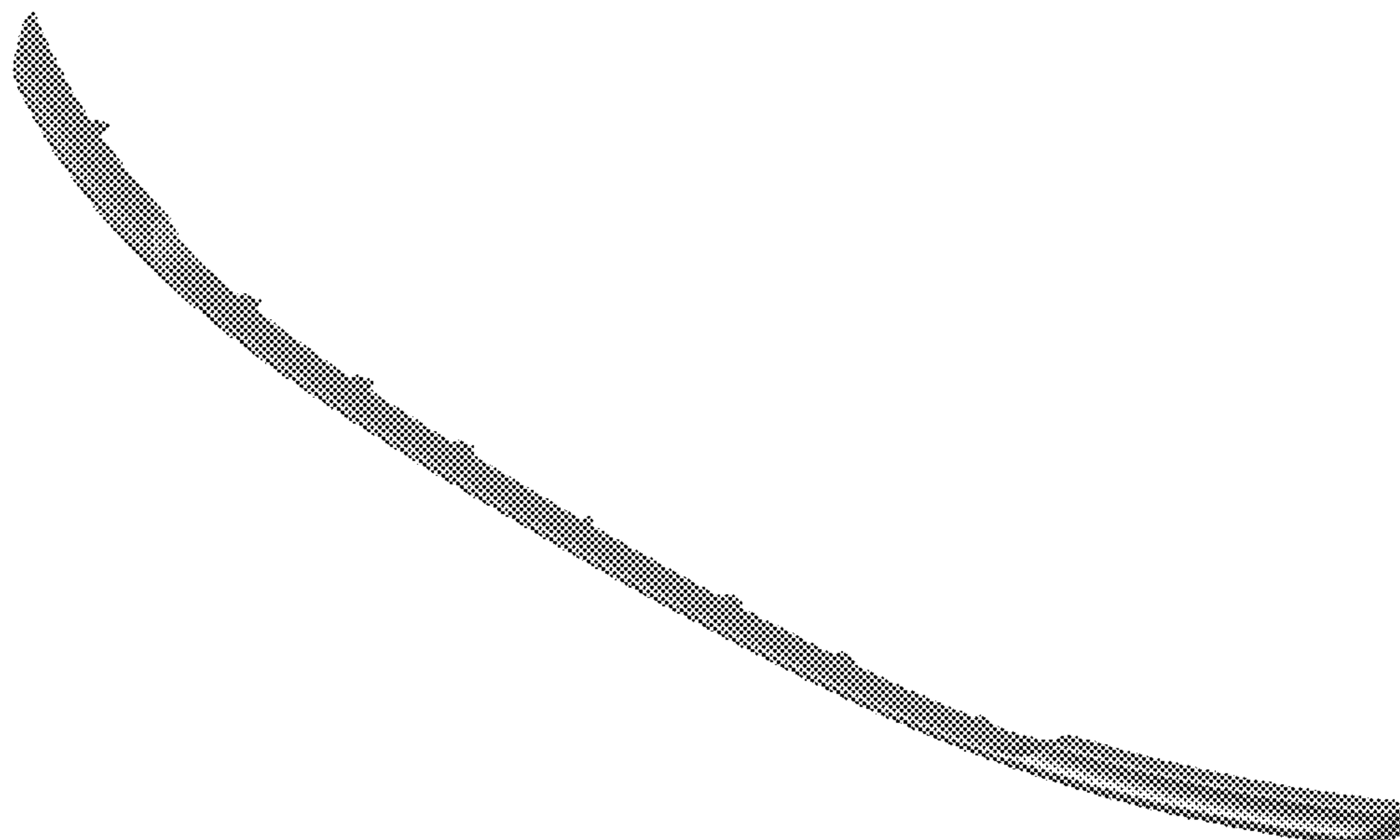
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front elevational of a vehicle front lower grille showing our new design;  
FIG. 2 is a left side elevational view thereof;  
FIG. 3 is a right side elevational view thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a top, front, and left side perspective view thereof;  
and,  
FIG. 7 is a bottom, front and left side perspective view thereof.  
FIGS. 2, 3, 6, and 7 are enlarged views of our new design.

**1 Claim, 7 Drawing Sheets**





*Fig. 1*

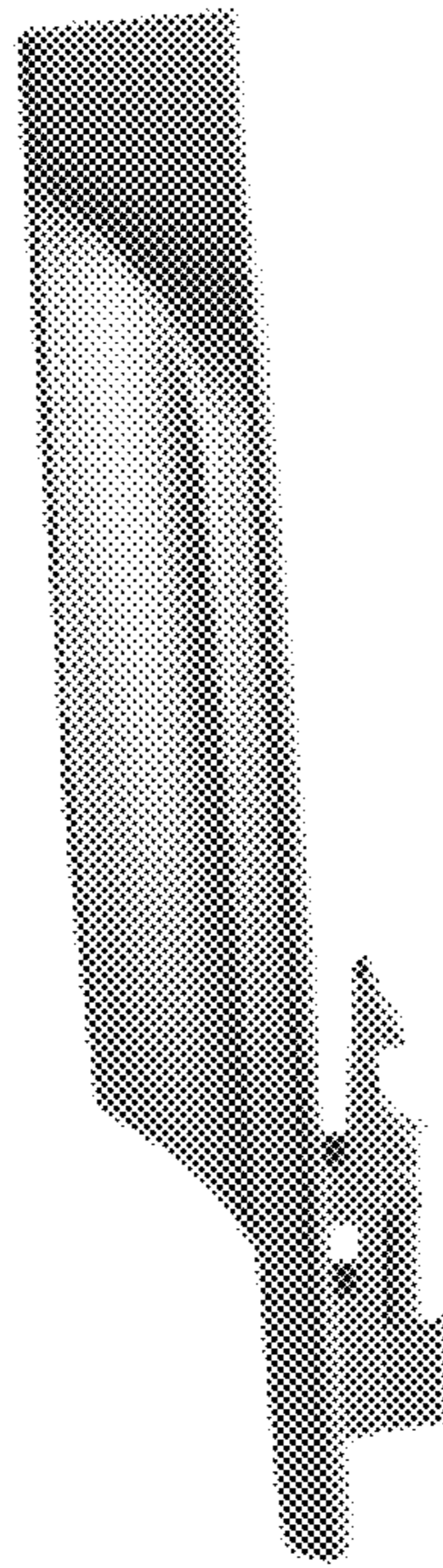


Fig. 2

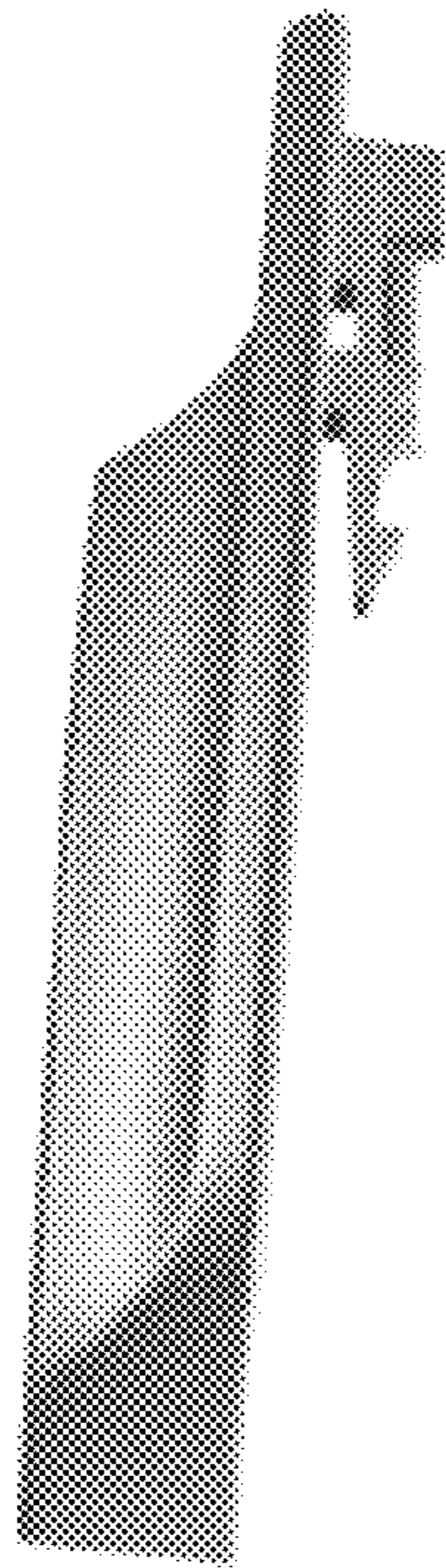


Fig. 3

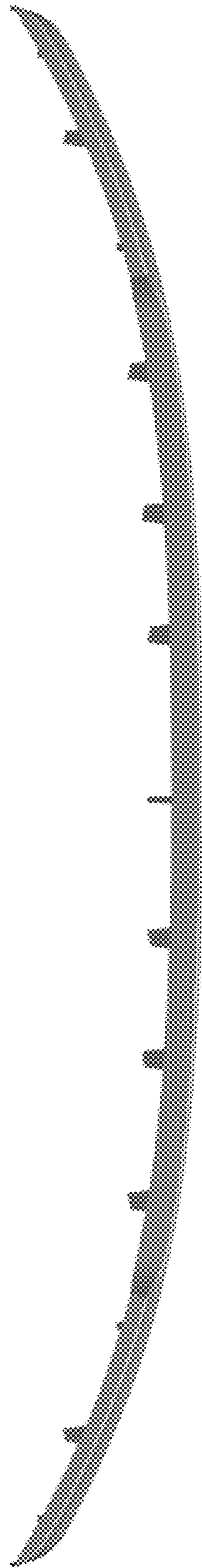
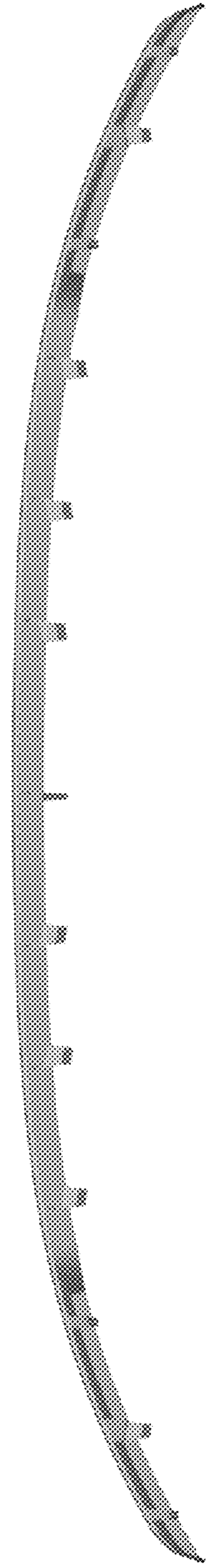


Fig. 4

Fig. 5





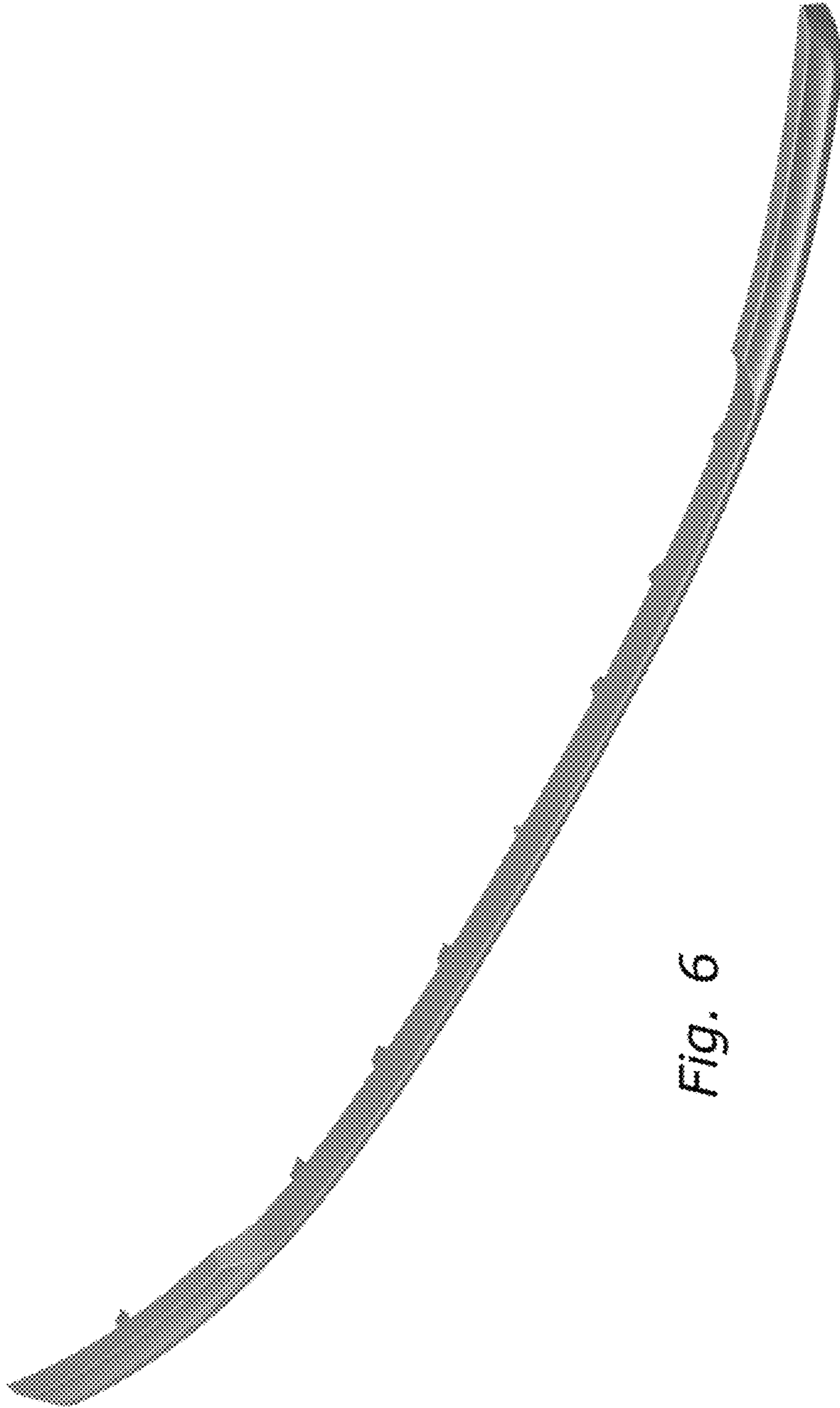


Fig. 6

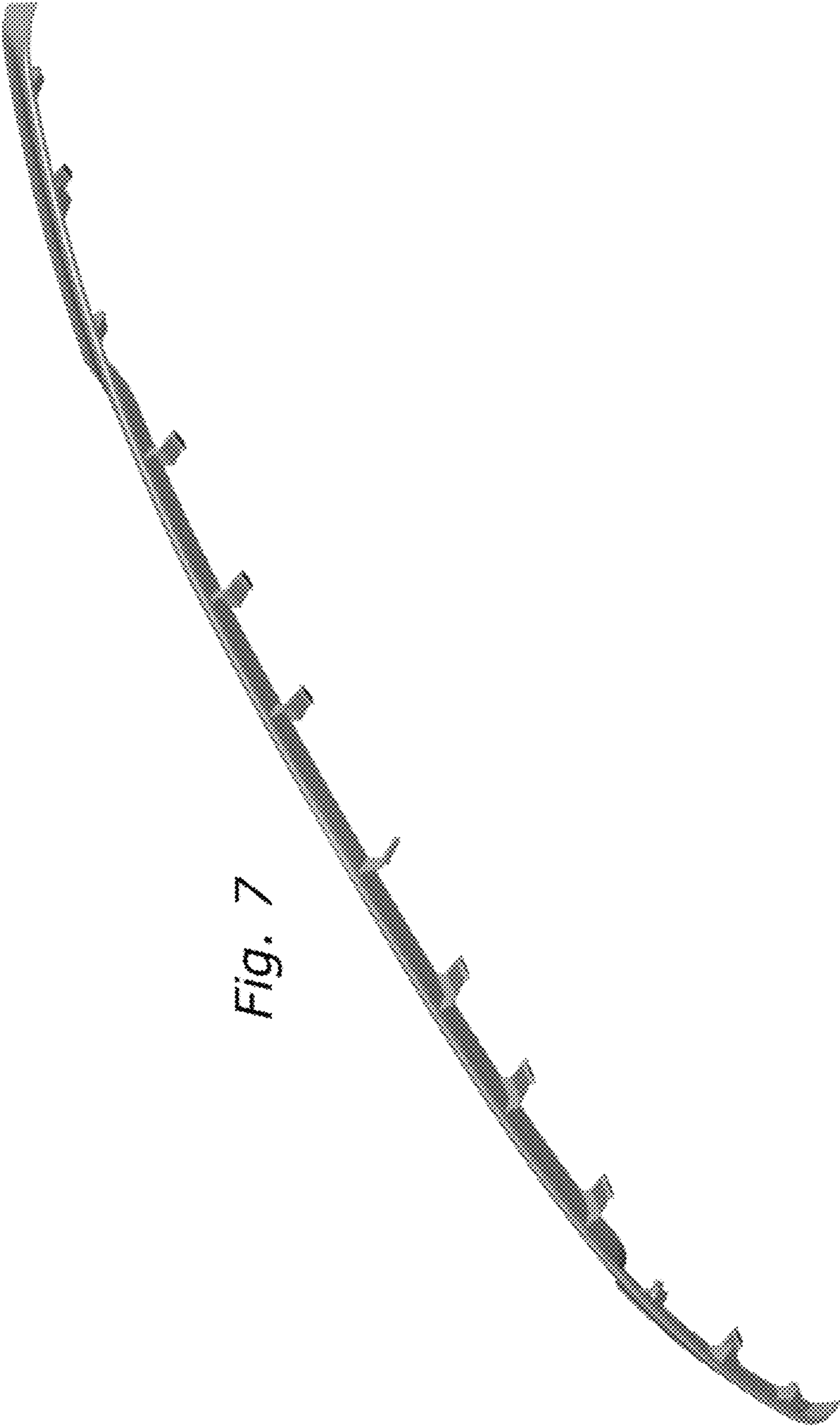


Fig. 7