



US00D614099S

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

(10) **Patent No.:** **US D614,099 S**

(45) **Date of Patent:** **\*\* Apr. 20, 2010**

(54) **VEHICLE FRONT BUMPER SPOILER  
LOWER**

(75) Inventors: **Bregt Ectors**, Birmingham, MI (US);  
**Doyle Letson**, Novi, MI (US); **Hak Soo  
Ha**, Northville, MI (US)

(73) Assignee: **Ford Motor Company**, Dearborn, MI  
(US)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/343,858**

(22) Filed: **Sep. 21, 2009**

(51) **LOC (9) Cl.** ..... **12-16**

(52) **U.S. Cl.** ..... **D12/181; D12/169**

(58) **Field of Classification Search** ..... D12/169,  
D12/196, 90-92, 86, 181, 191, 400; 293/102,  
293/113, 115, 117, 120; 296/180.1-180.5,  
296/91; 280/727, 770, 848; 180/903  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D543,137 S *	5/2007	Levy	.....	D12/169
D545,248 S *	6/2007	Angelo et al.	.....	D12/169
D560,145 S *	1/2008	Tant et al.	.....	D12/169
D566,632 S *	4/2008	Hutchins	.....	D12/169
D576,928 S *	9/2008	Miyazaki	.....	D12/169
D590,753 S *	4/2009	Williams et al.	.....	D12/169
D592,571 S *	5/2009	Golden et al.	.....	D12/169
D592,572 S *	5/2009	Golden et al.	.....	D12/169
D600,606 S *	9/2009	Lamm	.....	D12/169
D601,063 S *	9/2009	Lamm	.....	D12/169
D603,308 S *	11/2009	Schiavone et al.	.....	D12/169

**OTHER PUBLICATIONS**

2010 Ford Edge 3.5 Sport AWD, Jan. 2009 NA Auto Show.  
Road & Track Magazine, Jun. 2009, Spied: 2011 Ford Edge. Covered  
Up Car Parts.  
Edmunds' Inside Line, Jun. 3, 2009, Spied Photos: 2011 Ford Edge,  
Covered Up Car Parts.  
The Car Tech Blog, Jun. 25, 2009, 2011 Ford Edge Spy Photos,  
Covered Up Car Parts.

\* cited by examiner

*Primary Examiner*—Melody N Brown

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

(57) **CLAIM**

An ornamental design for a vehicle front bumper spoiler  
lower, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of a vehicle front bumper spoiler  
lower;

FIG. 2 is a bottom plan view of the vehicle front bumper  
spoiler lower;

FIG. 3 is a front elevational view of the vehicle front bumper  
spoiler lower;

FIG. 4 is a left side elevational view of the vehicle front  
bumper spoiler lower;

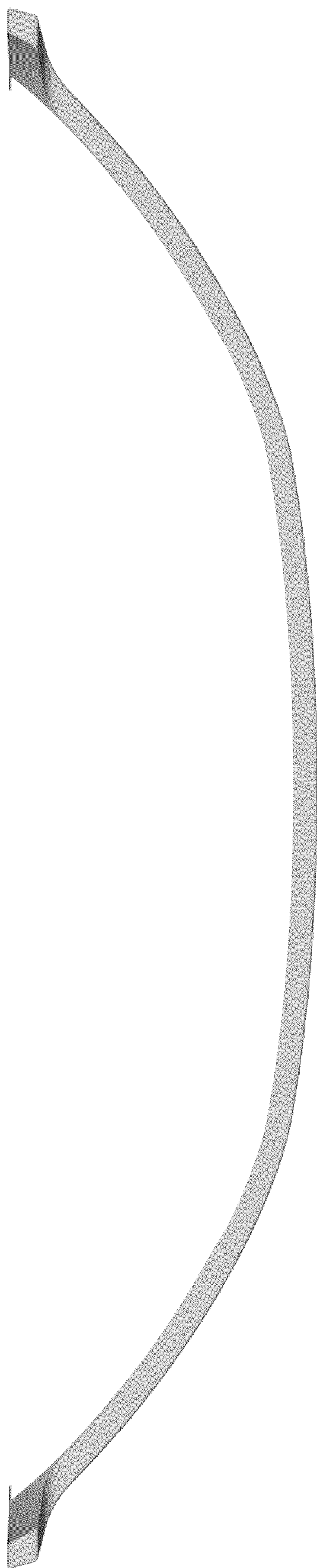
FIG. 5 is a right side elevational view of the vehicle front  
bumper spoiler lower; and,

FIG. 6 is a perspective view of the vehicle front bumper  
spoiler lower.

Views are orthogonal projections rendered from computer  
aided design data.

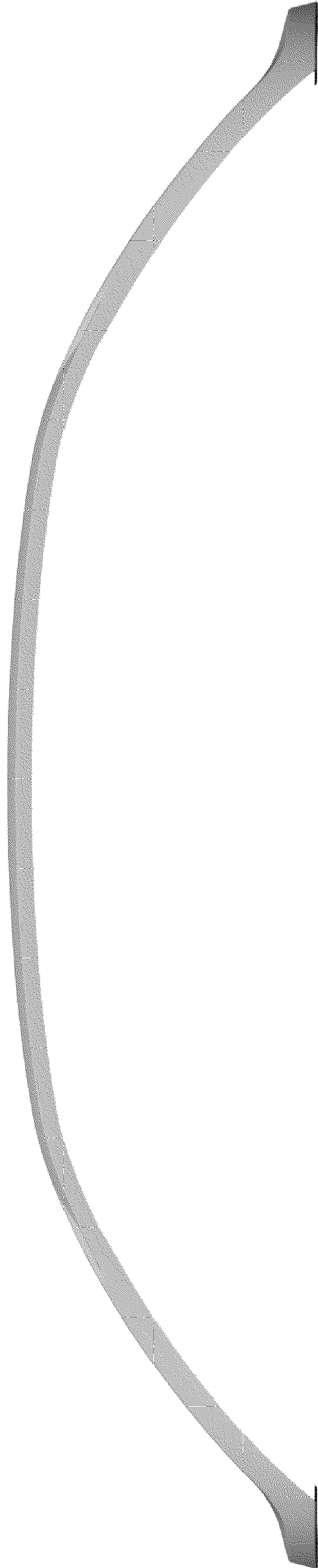
**1 Claim, 6 Drawing Sheets**

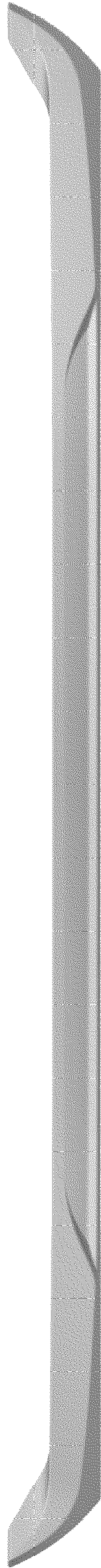




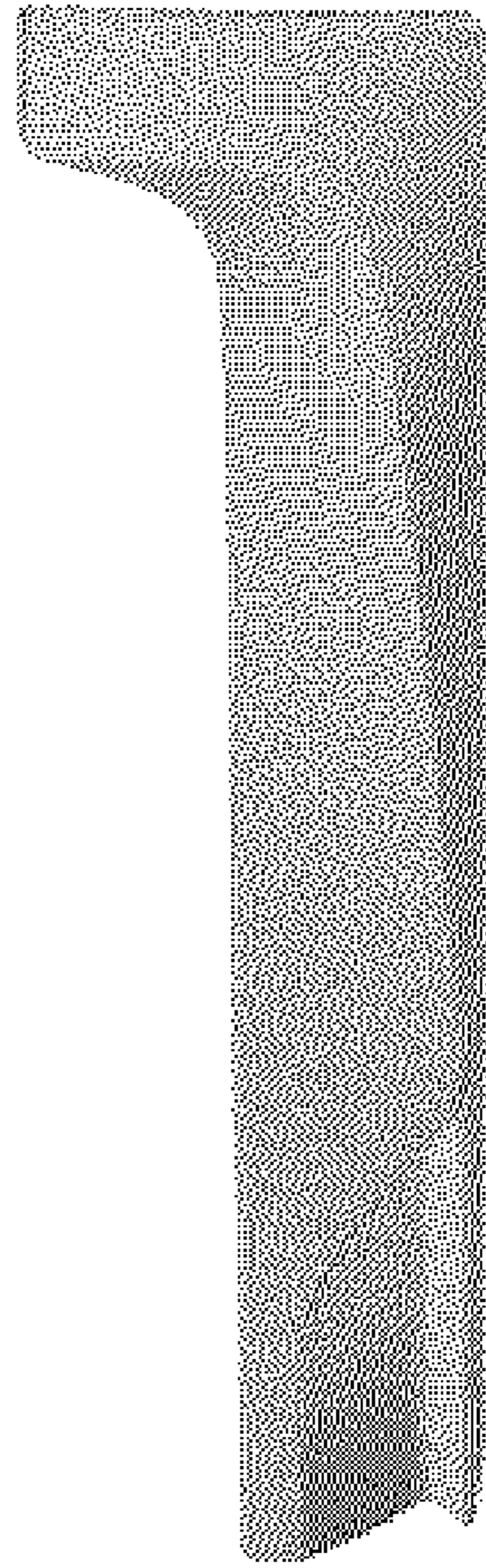
*Figure 1*

Figure 2

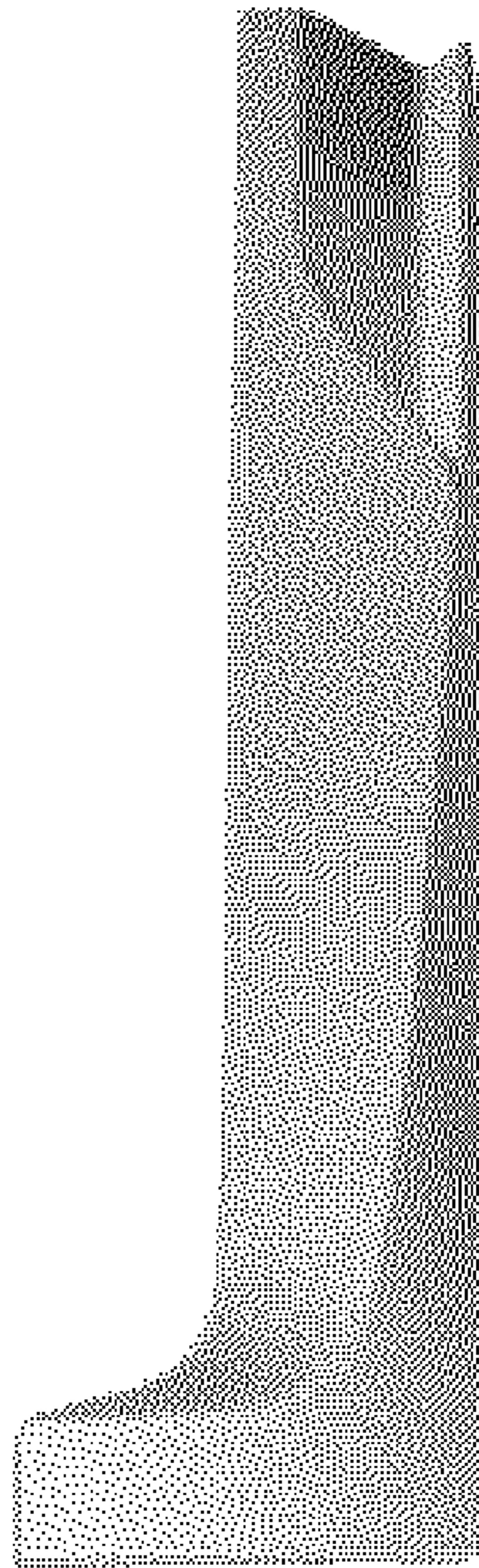




*Figure 3*



*Figure 4*



**Figure 5**

Figure 6

