



US00D813801S

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

(10) **Patent No.:** **US D813,801 S**
(45) **Date of Patent:** **** Mar. 27, 2018**

(54) **FABRIC TRANSPIRED SOLAR COLLECTOR SYSTEM**

(71) Applicant: **Con-Wal, Inc.**, Rogers, AR (US)

(72) Inventors: **John Wabel**, Redmond, WA (US);
Gerald D. Barrett, Springdale, AR (US);
Shannon D. Harrop, Springdale, AR (US)

(73) Assignee: **Con-Wal, Inc.**, Rogers, AR (US)

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

(21) Appl. No.: **29/585,088**

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

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/102**

(58) **Field of Classification Search**

USPC D3/5; D6/302, 405, 407, 684, 691.8,
D6/705, 706; D12/183, 345; D13/101,
D13/102, 103, 107, 118, 119, 184, 187,
D13/199; D25/30, 47.1, 48.7, 48.8, 60,
D25/119, 122, 124, 125, 138, 140, 144,
D25/153, 156, 167
CPC . H01L 31/00; H01L 31/042; H01L 31/02021;
H01L 31/02008; H01L 31/043; H01L
31/0508; H02S 10/00; H02S 20/00; Y02B
10/00; Y02E 10/00; Y02E 10/40; Y02E
10/41; Y02E 10/42; Y02E 10/43; Y02E
10/44; Y02E 10/45; Y02E 10/46; Y02E
10/47; Y02E 10/50; Y02E 10/51; Y02E
10/52; Y02E 10/544; Y10S 136/292;
B64G 1/443

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,133,641 A * 10/1938 Tompkins C04B 40/04
112/400
4,345,587 A * 8/1982 Carvalho F24J 2/268
126/569

5,692,491 A 12/1997 Christensen et al.
D442,139 S * 5/2001 Sasaoka D13/102
D452,328 S * 12/2001 O'Brien D25/56
6,802,092 B1 * 10/2004 Klein A47G 9/062
5/417
7,677,243 B2 3/2010 McClendon
D644,865 S * 9/2011 Trout D6/582
8,028,483 B2 10/2011 Carolan
D651,439 S * 1/2012 Yeager D6/582
8,172,972 B2 5/2012 Carolan
8,191,547 B2 6/2012 Pellegrino
8,607,781 B2 12/2013 Hermann et al.
8,863,741 B2 10/2014 MacKay et al.
D721,410 S * 1/2015 Curley D21/662
D739,349 S * 9/2015 Takahashi D13/118
9,206,997 B2 12/2015 Ryan
2005/0211238 A1 9/2005 Archibald

(Continued)

Primary Examiner — Mary Ann Calabrese

Assistant Examiner — Catherine Ho

(74) *Attorney, Agent, or Firm* — Head, Johnson,
Kachigian & Wilkinson, PC

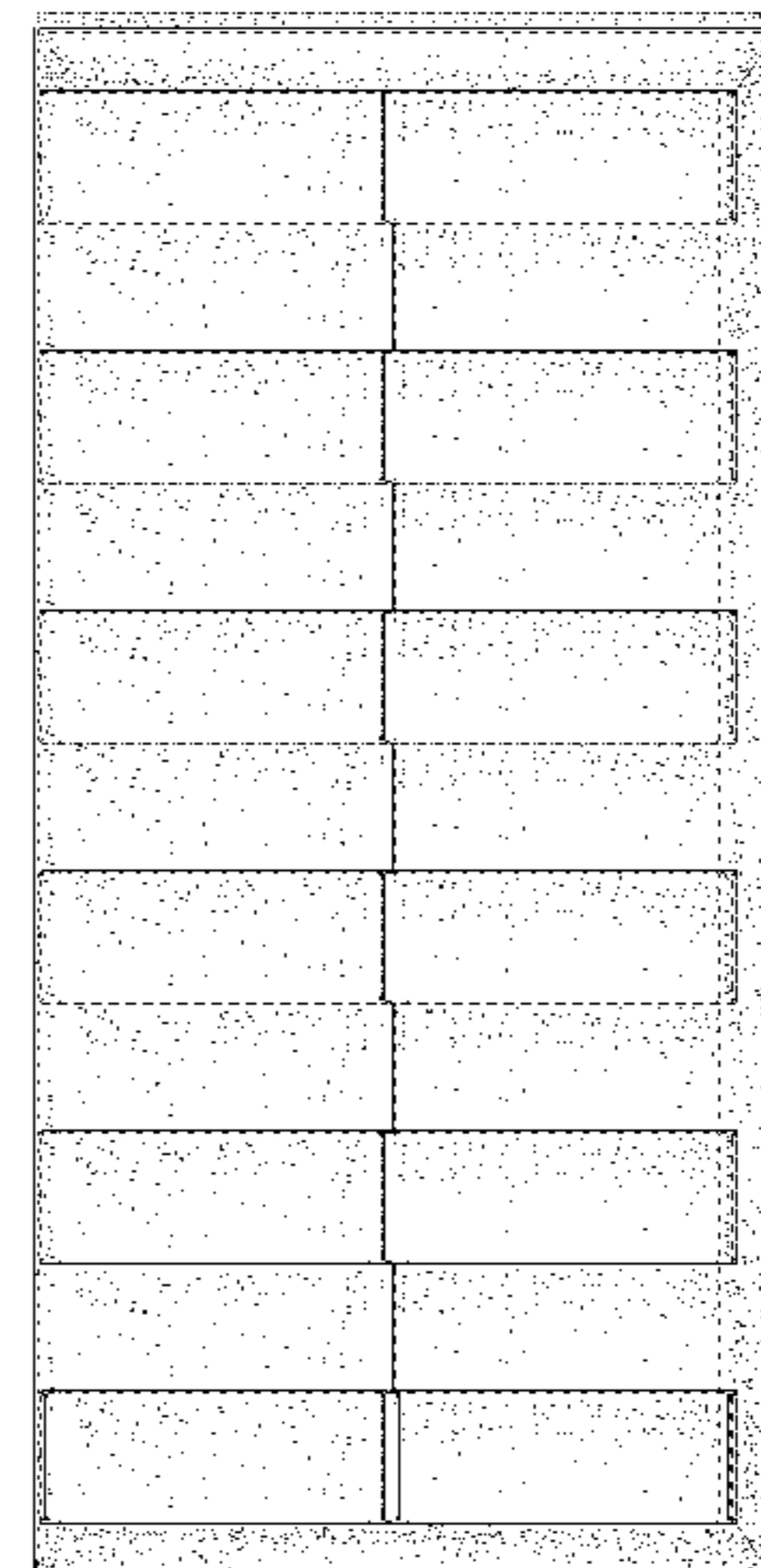
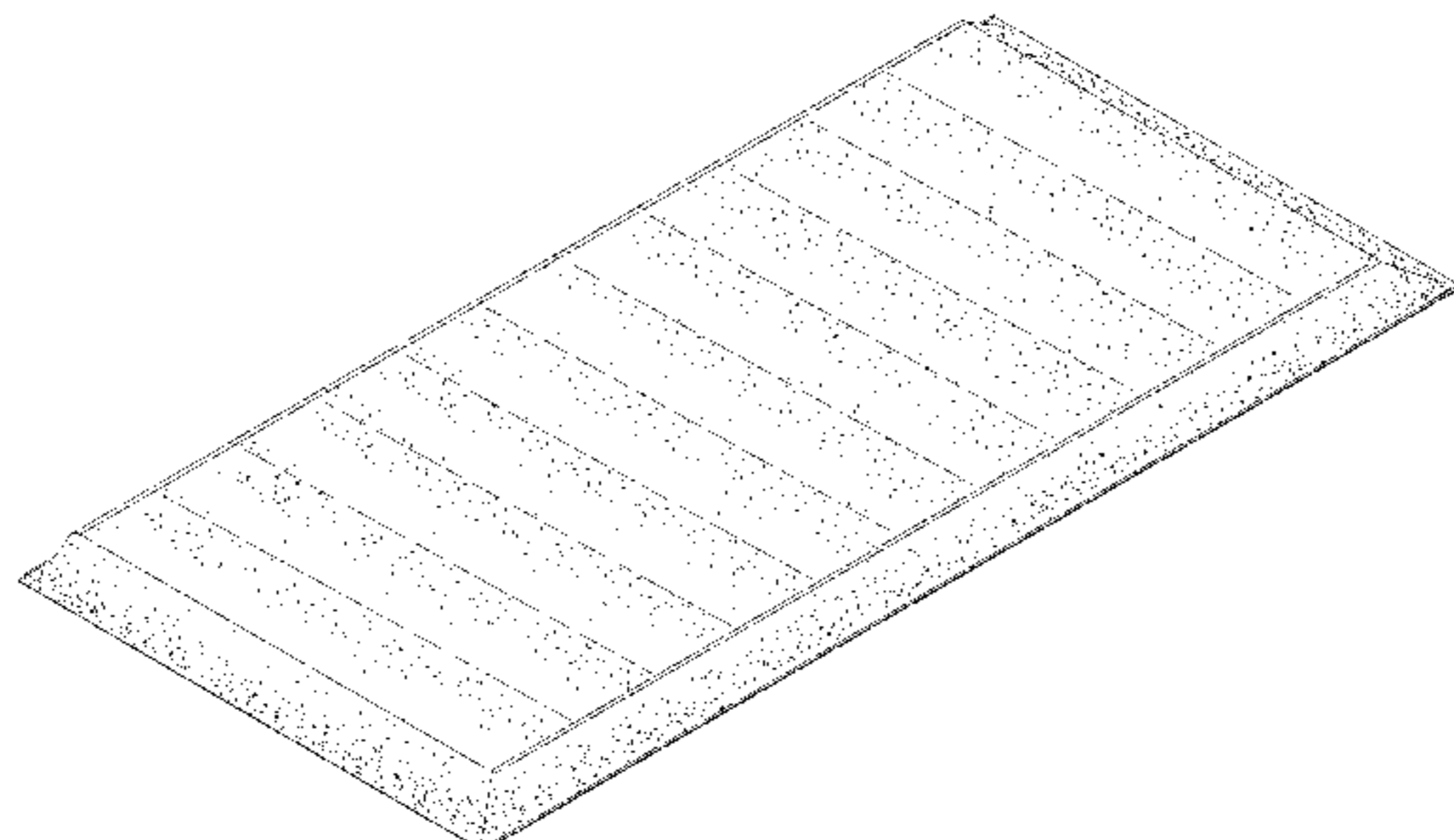
(57) **CLAIM**

The ornamental design for a fabric transpired solar collector system, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the fabric transpired solar collector system of the present invention;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2009/0194095	A1	8/2009	Fairstein	
2011/0180058	A1	7/2011	MacKay et al.	
2014/0137401	A1	5/2014	Lannert	
2014/0260001	A1*	9/2014	Kiik	F24J 2/52 52/173.3

* cited by examiner

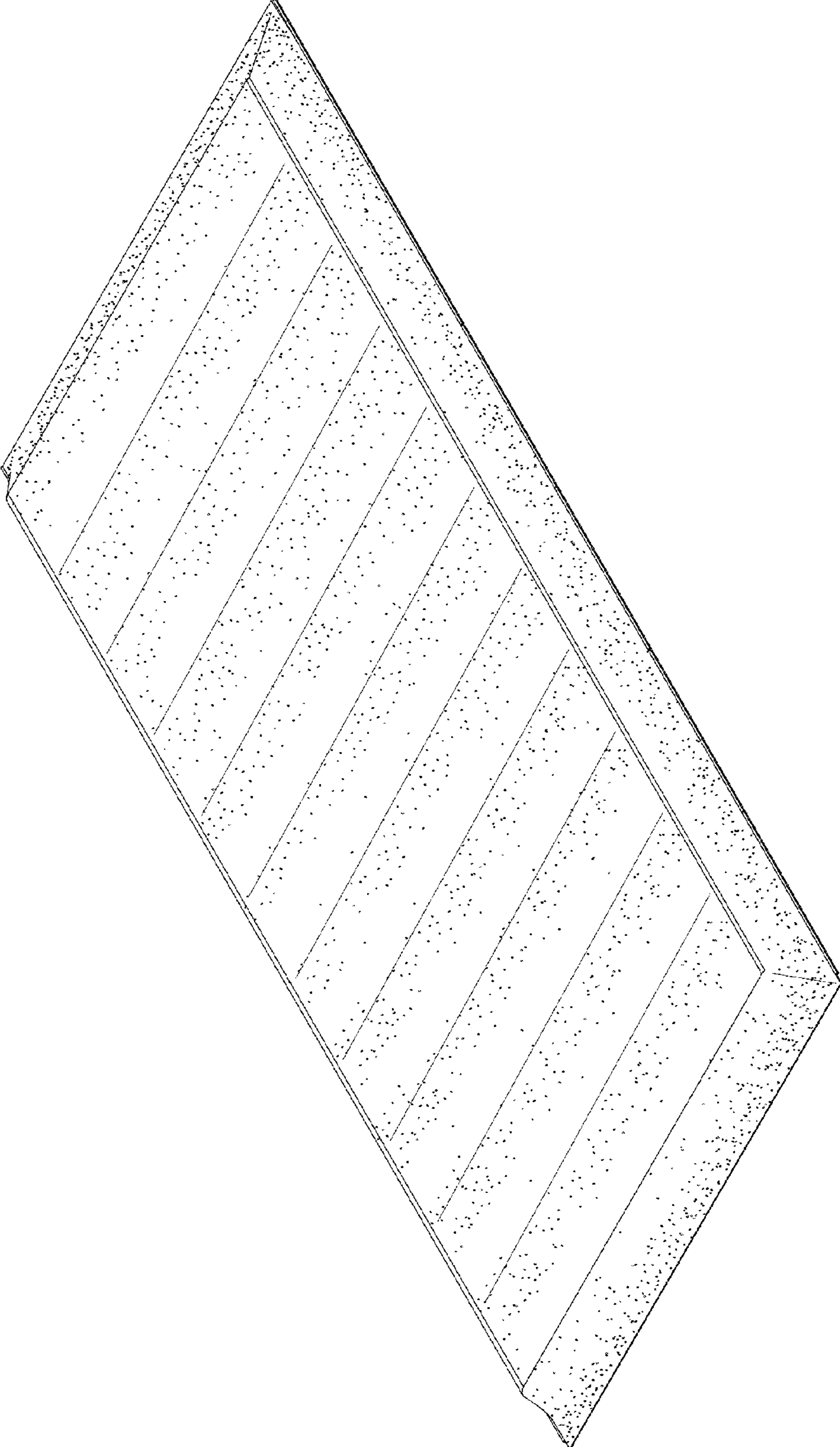


FIG. 1

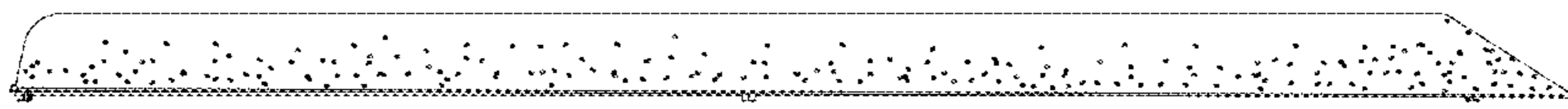


FIG. 2



FIG. 3

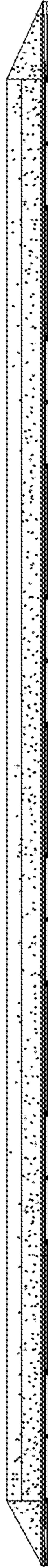


FIG. 4



FIG. 5

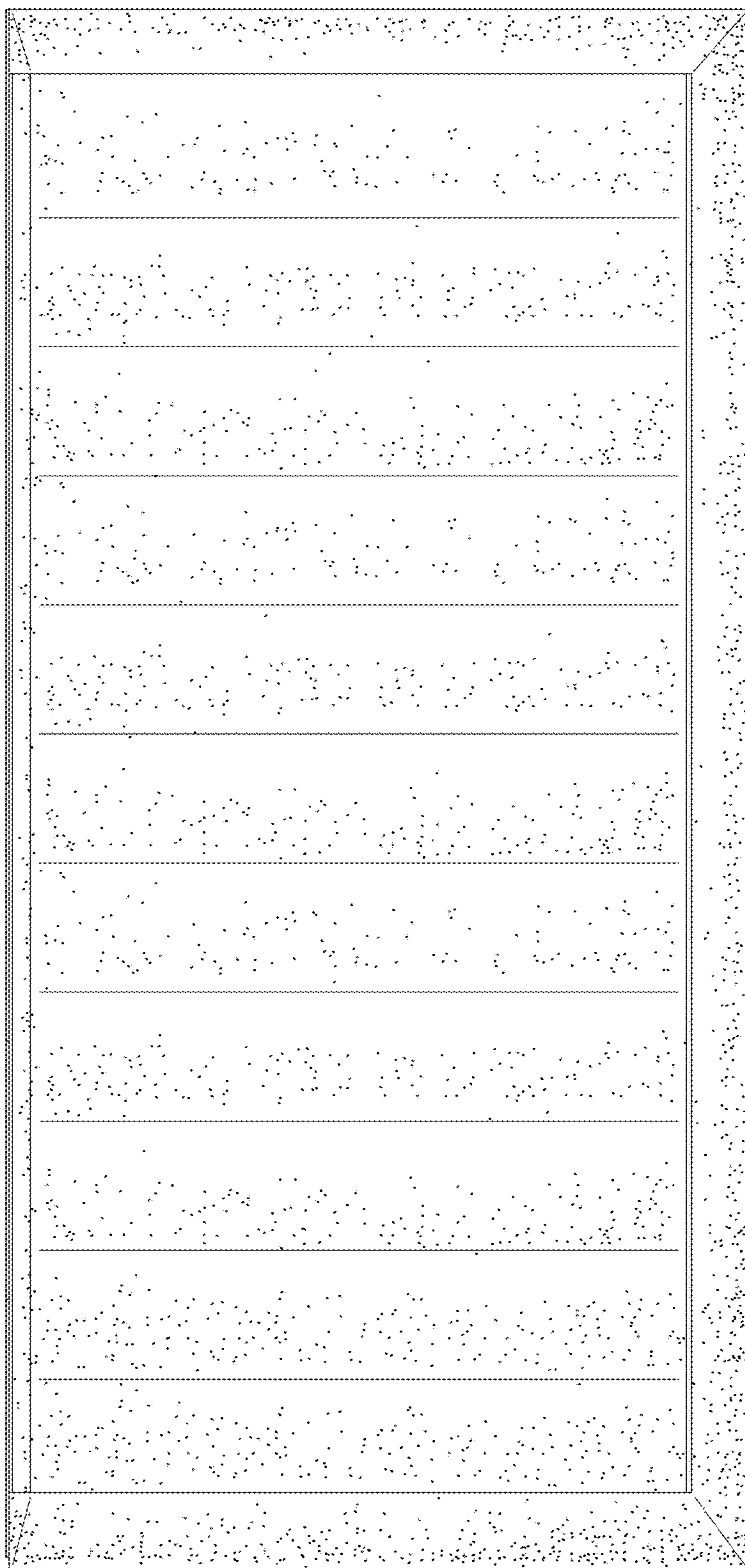


FIG. 6

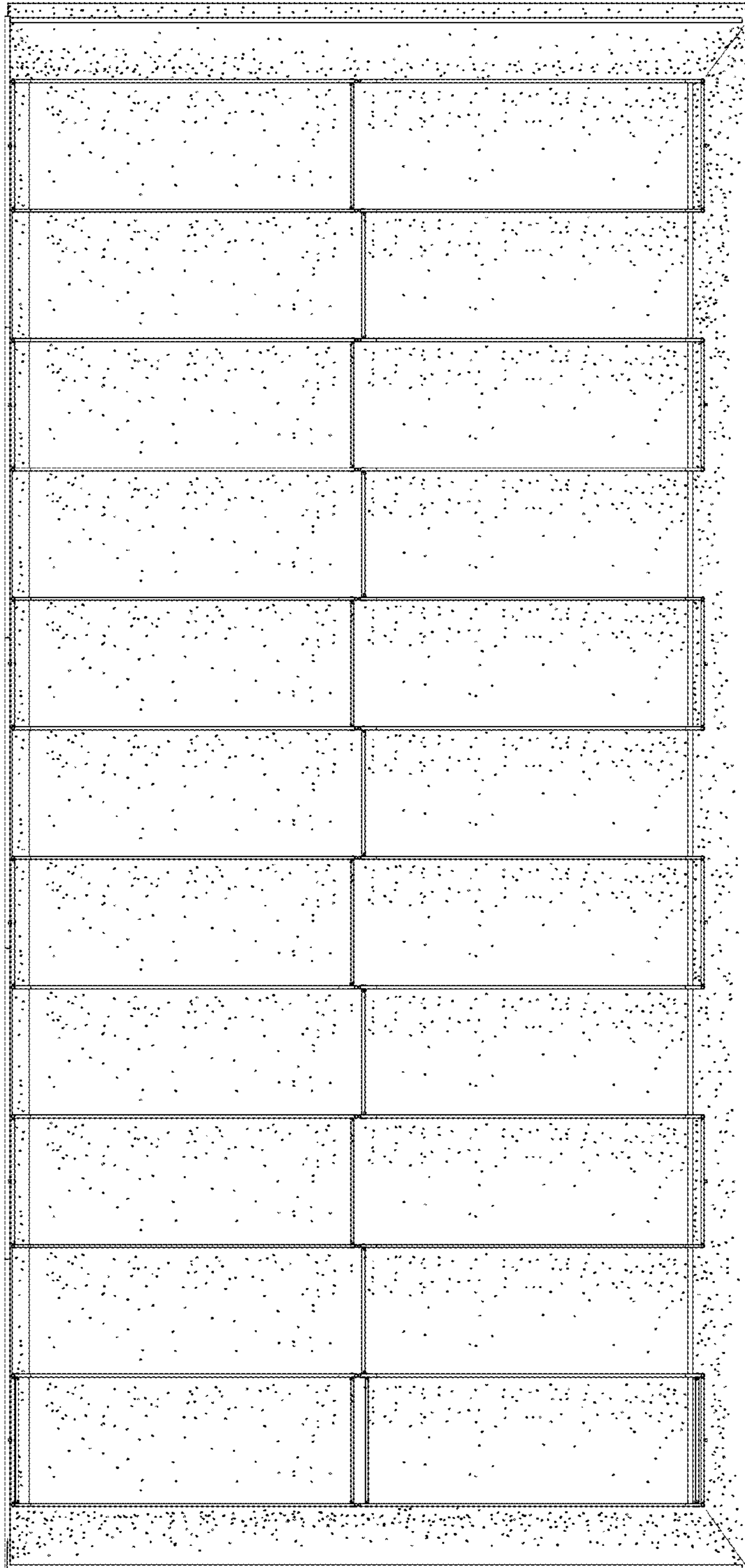


FIG. 7