

US00D860845S

(12) **United States Design Patent** (10) **Patent No.:** **US D860,845 S**
Carey et al. (45) **Date of Patent:** **** Sep. 24, 2019**

(54) **TEMPORARY FLEXIBLE PAVEMENT MARKER**

(71) Applicant: **TrafCo Industries, Inc.**, Eagle Lake, TX (US)

(72) Inventors: **Lesley M. Carey**, Eagle Lake, TX (US); **Lonny E. Daley**, Eagle Lake, TX (US)

(73) Assignee: **Trafco Industries, Inc.**, Eagle Lake, TX (US)

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

(21) Appl. No.: **29/612,720**

(22) Filed: **Aug. 3, 2017**

(51) **LOC (12) Cl.** **10-05**

(52) **U.S. Cl.**
 USPC **D10/113.1**

(58) **Field of Classification Search**
 USPC D10/104.1, 106.6, 107, 109.1, 109.2, D10/113.1, 113.2, 113.3, 113.4, 114.1, D10/116.1, 121; D20/10, 8, 39, 99; D21/483, 484, 486, 494, 493, 502, 503, D21/504, 505; 116/63 P, 63 C; 446/476, 446/85, 102, 104, 110, 111, 122, 124; D25/39, 44, 112; 404/6, 7, 8, 9, 10, 11, 404/12, 13, 14, 15; D8/349, 354; 40/541, 584, 729; 72/31.12; 264/176.1
 CPC E01F 9/09; E01F 9/087; E01F 15/085
 See application file for complete search history.

4,061,435 A * 12/1977 Schmanski E01F 9/627
 256/1

4,445,803 A 5/1984 Dixon

4,462,711 A 7/1984 Garner

4,521,129 A 6/1985 Krech et al.

4,534,673 A * 8/1985 May E01F 9/578
 404/14

4,991,994 A 2/1991 Edouart

5,460,115 A 10/1995 Speer et al.

6,505,994 B1 * 1/2003 Attar E01F 13/022
 404/16

D471,125 S * 3/2003 Farley D10/113.1

6,676,331 B1 * 1/2004 Casale E01F 9/669
 116/63 R

6,685,389 B1 * 2/2004 Christensen E01C 23/18
 404/12

6,712,548 B1 * 3/2004 Rogers E01C 23/18
 221/253

6,764,249 B2 * 7/2004 Stone E01F 9/541
 116/63 R

6,832,871 B2 * 12/2004 Orthaus E01F 9/573
 404/12

6,835,023 B1 * 12/2004 Paterson E01F 15/083
 116/63 R

6,896,444 B2 * 5/2005 Orthaus E01F 9/573
 404/12

6,905,284 B2 * 6/2005 Christensen E01F 9/70
 404/72

6,991,400 B1 * 1/2006 Negueloua E01C 11/123
 404/56

7,690,861 B1 4/2010 Johnson

7,866,914 B2 1/2011 Kulp et al.

8,342,700 B2 1/2013 Naik et al.

2003/0194270 A1 10/2003 Forrer

2004/0114997 A1 6/2004 Stone

2011/0293367 A1 12/2011 Yeghiayan et al.

2012/0092767 A1 4/2012 Naik et al.

2013/0108362 A1 5/2013 Philip

FOREIGN PATENT DOCUMENTS

CA 2155398 A1 7/1996

EP 989239 A2 3/2000

EP 2337824 A1 6/2011

WO 2010036522 A1 4/2010

OTHER PUBLICATIONS

Available Dec. 20, 2018, [online], [site visited Dec. 20, 2018].
 Available from Internet, <URL:https://www.durapost.com.au/product/raised-pavement-markers/> (Year: 2018).*

(56) **References Cited**
 U.S. PATENT DOCUMENTS

3,879,148 A * 4/1975 Eigenmann E01F 9/573
 359/536

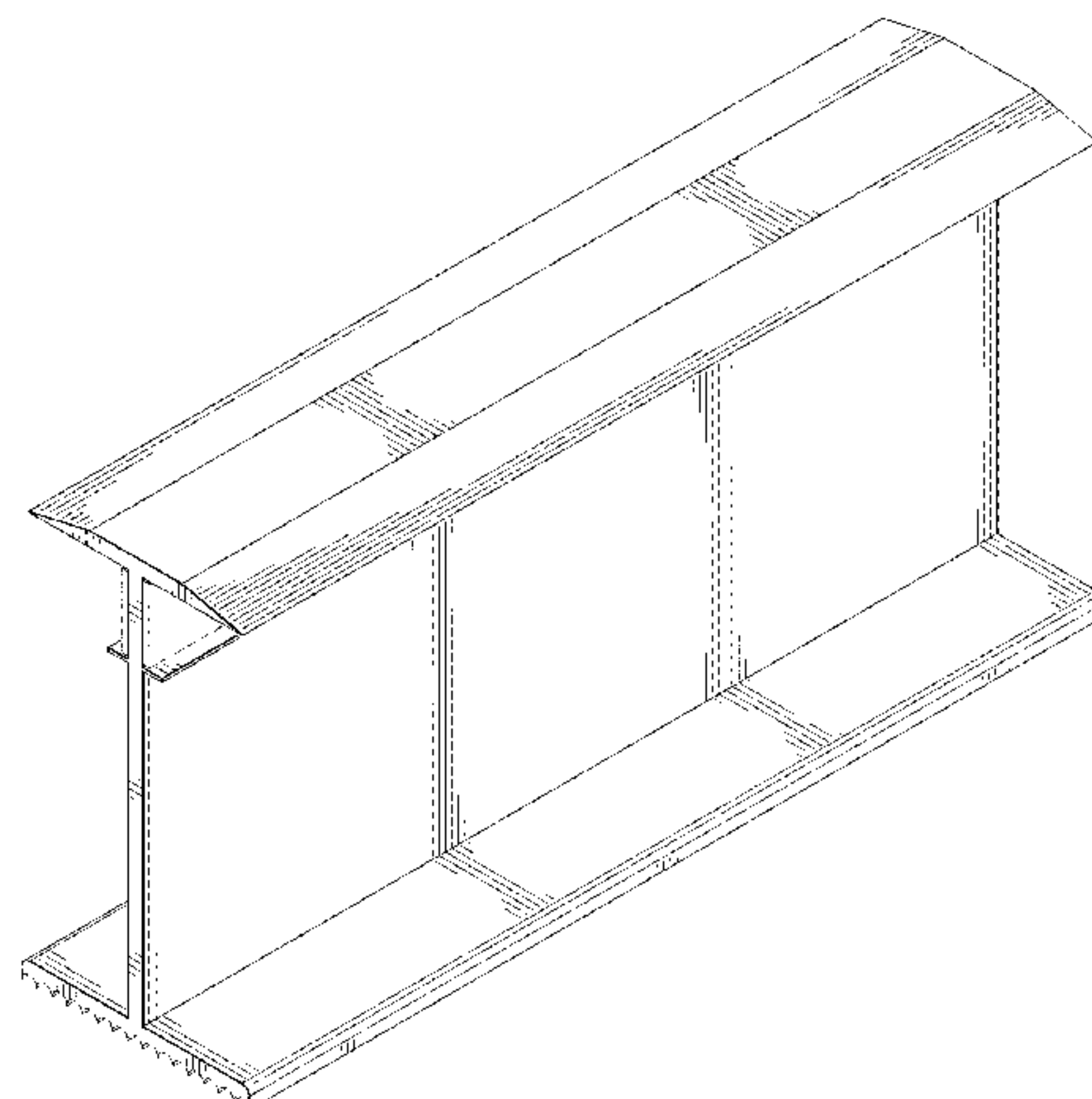
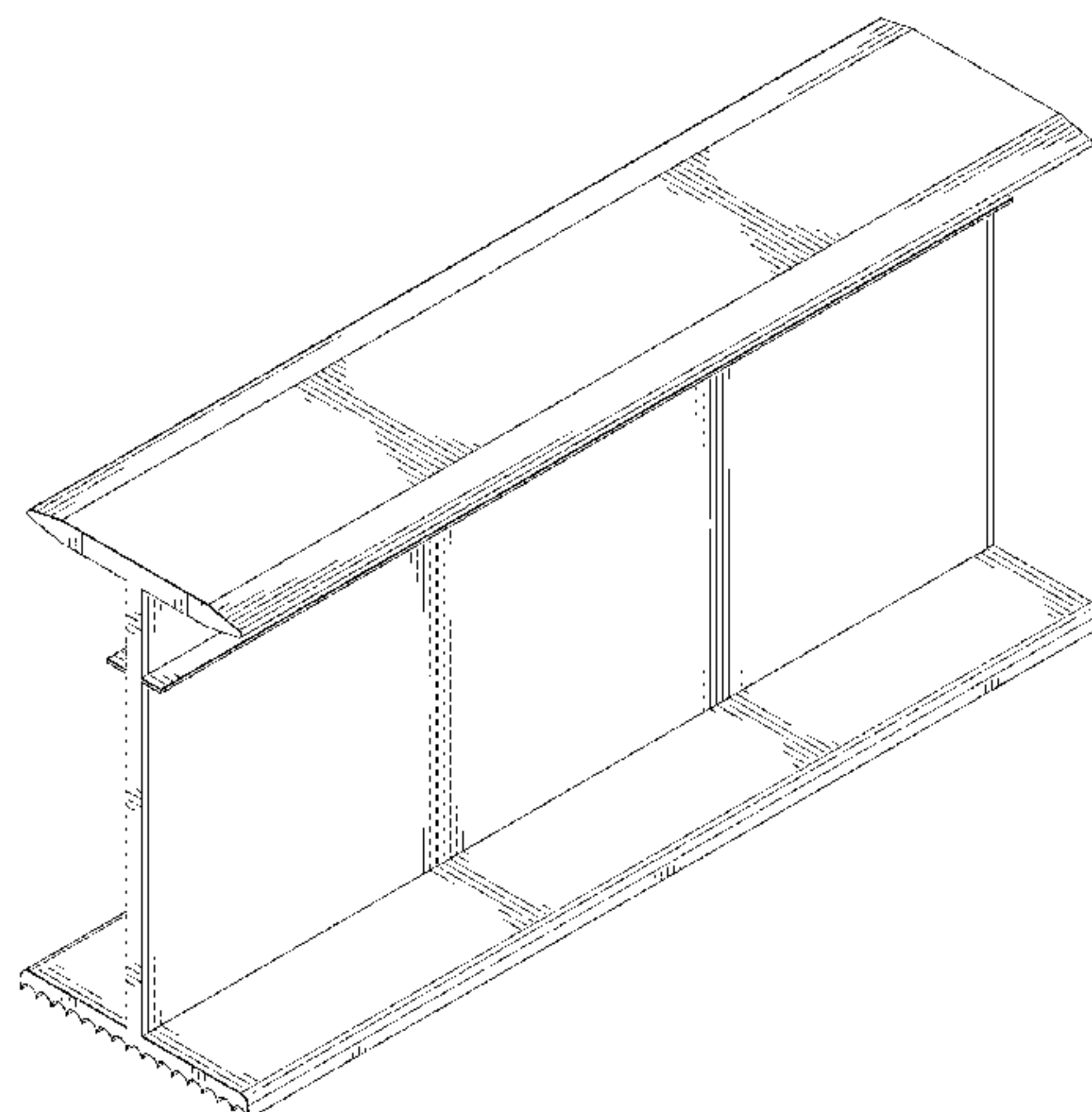
D236,818 S * 9/1975 Stenemann D10/111

D242,624 S * 12/1976 Schmidt D25/121

D242,625 S * 12/1976 Schmidt D25/121

D242,799 S * 12/1976 Schmidt D25/121

D242,800 S * 12/1976 Schmidt D25/119



Available Dec. 20, 2018, [online], [site visited Dec. 20, 2018]. Available from Internet, <URL:https://www.parkingzone.com/overlay-pavement-markers.html> (Year: 2018).*

Available Dec. 20, 2018, [online], [site visited Dec. 20, 2018]. Available from Internet, <URL:http://lgam.wikidot.com/temporary-raised-pavement-marker> (Year: 2018).*

“Chip Seal Tab” available May 17, 2017, [online], [site visited Jun. 19, 2019]. Available from Internet, <URL:https://www.roadsbridges.com/chip-seal-tab> (Year: 2017).*

International Search Report and Written Opinion of the International Searching Authority in International Patent Application No. PCT/US2013/076558 dated Apr. 15, 2014 (14 pages).

Notice of References in U.S. Appl. No. 14/654,278 dated Sep. 23, 2016 (1 page).

* cited by examiner

Primary Examiner — Garth Rademaker

Assistant Examiner — Katrina N Gonzalez

(74) *Attorney, Agent, or Firm* — Pizarro Allen PC

(57) CLAIM

The ornamental design for a temporary flexible pavement marker, as shown.

DESCRIPTION

FIG. 1 is a front perspective view of the temporary flexible pavement marker showing one embodiment of our design.

FIG. 2 is a front elevational view of FIG. 1.

FIG. 3 is a rear elevational view of FIG. 1.

FIG. 4 is a right side view of FIG. 1.

FIG. 5 is a left side view of FIG. 1.

FIG. 6 is a top plan view of FIG. 1.

FIG. 7 is a bottom plan view of FIG. 1.

FIG. 8 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 9 is a front elevational view of FIG. 8.

FIG. 10 is a rear elevational view of FIG. 8.

FIG. 11 is a right side view of FIG. 8.

FIG. 12 is a left side view of FIG. 8.

FIG. 13 is a top plan view of FIG. 8.

FIG. 14 is a bottom plan view of FIG. 8.

FIG. 15 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 16 is a front elevational view of FIG. 15.

FIG. 17 is a rear elevational view of FIG. 15.

FIG. 18 is a right side view of FIG. 15.

FIG. 19 is a left side view of FIG. 15.

FIG. 20 is a top plan view of FIG. 15.

FIG. 21 is a bottom plan view of FIG. 15.

FIG. 22 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 23 is a front elevational view of FIG. 22.

FIG. 24 is a rear elevational view of FIG. 22.

FIG. 25 is a right side view of FIG. 22.

FIG. 26 is a left side view of FIG. 22.

FIG. 27 is a top plan view of FIG. 22.

FIG. 28 is a bottom plan view of FIG. 22.

FIG. 29 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 30 is a front elevational view of FIG. 29.

FIG. 31 is a rear elevational view of FIG. 29.

FIG. 32 is a right side view of FIG. 29.

FIG. 33 is a left side view of FIG. 29.

FIG. 34 is a top plan view of FIG. 29.

FIG. 35 is a bottom plan view of FIG. 29.

FIG. 36 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 37 is a front elevational view of FIG. 36.

FIG. 38 is a rear elevational view of FIG. 36.

FIG. 39 is a right side view of FIG. 36.

FIG. 40 is a left side view of FIG. 36.

FIG. 41 is a top plan view of FIG. 36.

FIG. 42 is a bottom plan view of FIG. 36.

FIG. 43 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 44 is a front elevational view of FIG. 43.

FIG. 45 is a rear elevational view of FIG. 43.

FIG. 46 is a right side view of FIG. 43.

FIG. 47 is a left side view of FIG. 43.

FIG. 48 is a top plan view of FIG. 43.

FIG. 49 is a bottom plan view of FIG. 43.

FIG. 50 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 51 is a front elevational view of FIG. 50.

FIG. 52 is a rear elevational view of FIG. 50.

FIG. 53 is a right side view of FIG. 50.

FIG. 54 is a left side view of FIG. 50.

FIG. 55 is a top plan view of FIG. 50.

FIG. 56 is a bottom plan view of FIG. 50.

FIG. 57 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 58 is a front elevational view of FIG. 57.

FIG. 59 is a rear elevational view of FIG. 57.

FIG. 60 is a right side view of FIG. 57.

FIG. 61 is a left side view of FIG. 57.

FIG. 62 is a top plan view of FIG. 57.

FIG. 63 is a bottom plan view of FIG. 57.

FIG. 64 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 65 is a front elevational view of FIG. 64.

FIG. 66 is a rear elevational view of FIG. 64.

FIG. 67 is a right side view of FIG. 64.

FIG. 68 is a left side view of FIG. 64.

FIG. 69 is a top plan view of FIG. 64.

FIG. 70 is a bottom plan view of FIG. 64.

FIG. 71 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 72 is a front elevational view of FIG. 71.

FIG. 73 is a rear elevational view of FIG. 71.

FIG. 74 is a right side view of FIG. 71.

FIG. 75 is a left side view of FIG. 71.

FIG. 76 is a top plan view of FIG. 71.

FIG. 77 is a bottom plan view of FIG. 71.

FIG. 78 is a front perspective view of the temporary flexible pavement marker showing another embodiment of our design.

FIG. 79 is a front elevational view of FIG. 78.

FIG. 80 is a rear elevational view of FIG. 78.

FIG. 81 is a right side view of FIG. 78.

FIG. 82 is a left side view of FIG. 78.

FIG. **83** is a top plan view of FIG. **78**; and,
FIG. **84** is a bottom plan view of FIG. **78**.
The broken lines in the drawing illustrate portions of a
temporary flexible pavement marker that form no part of the
claimed design.

1 Claim, 60 Drawing Sheets

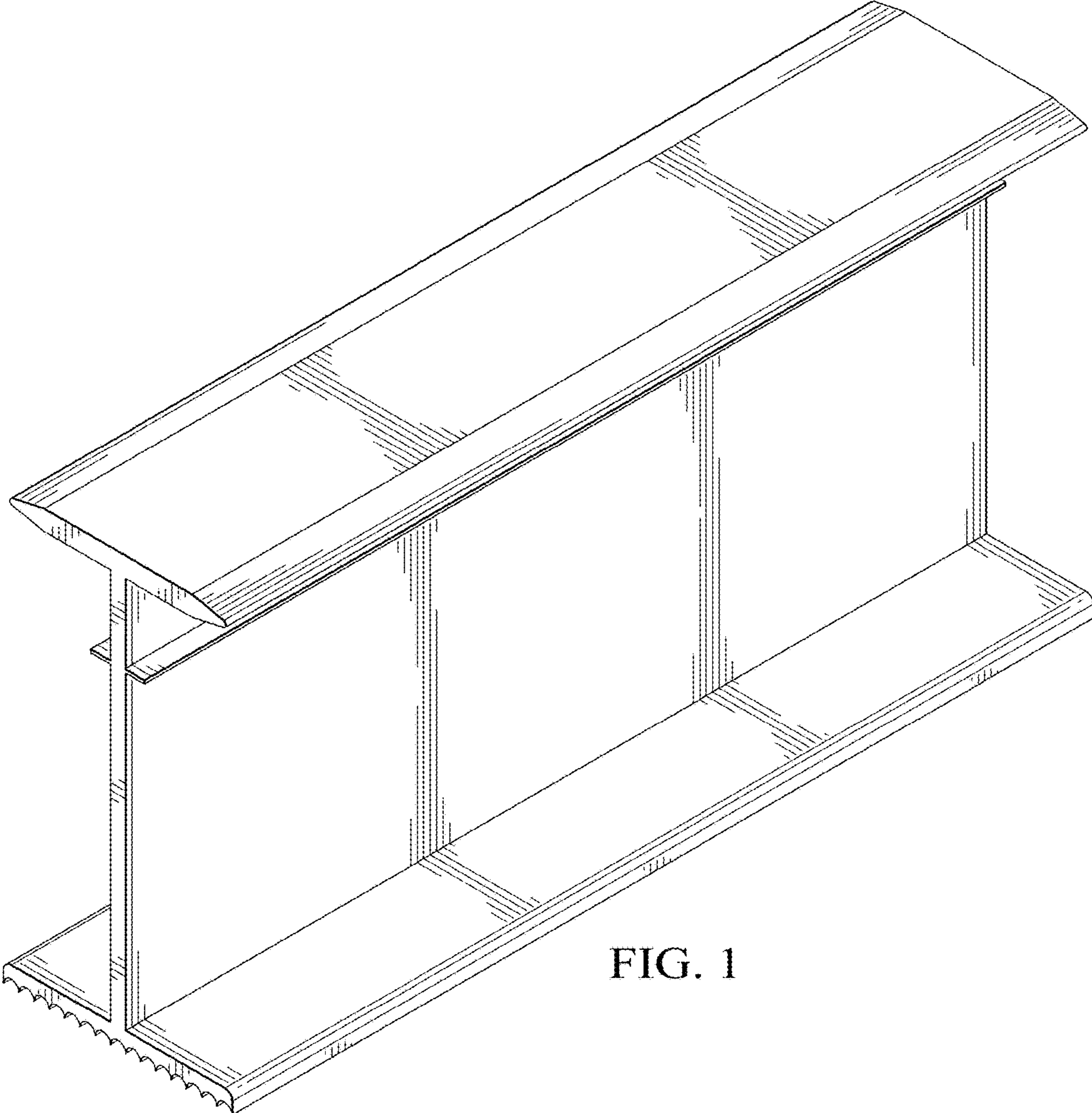


FIG. 1

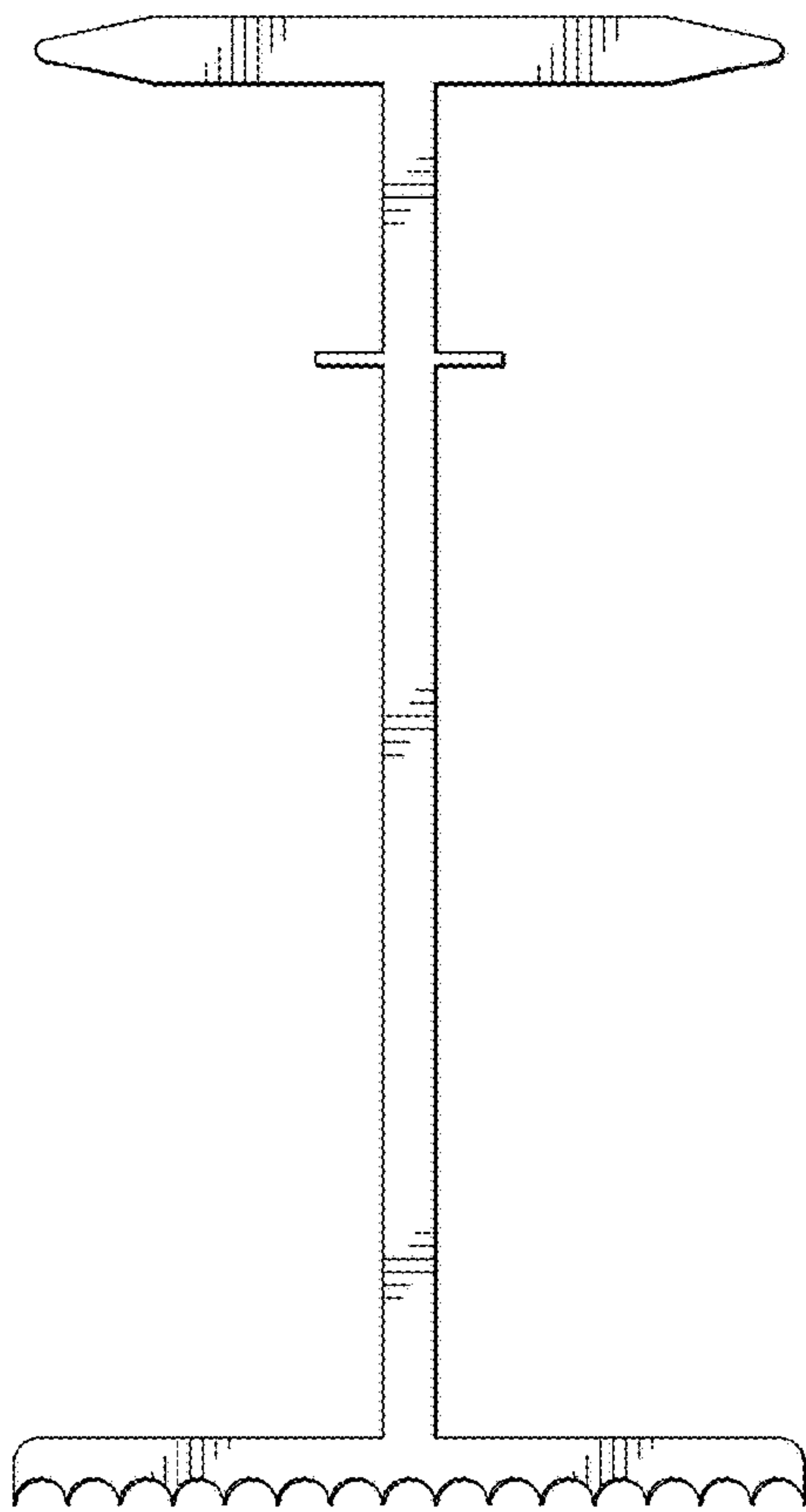


FIG. 2

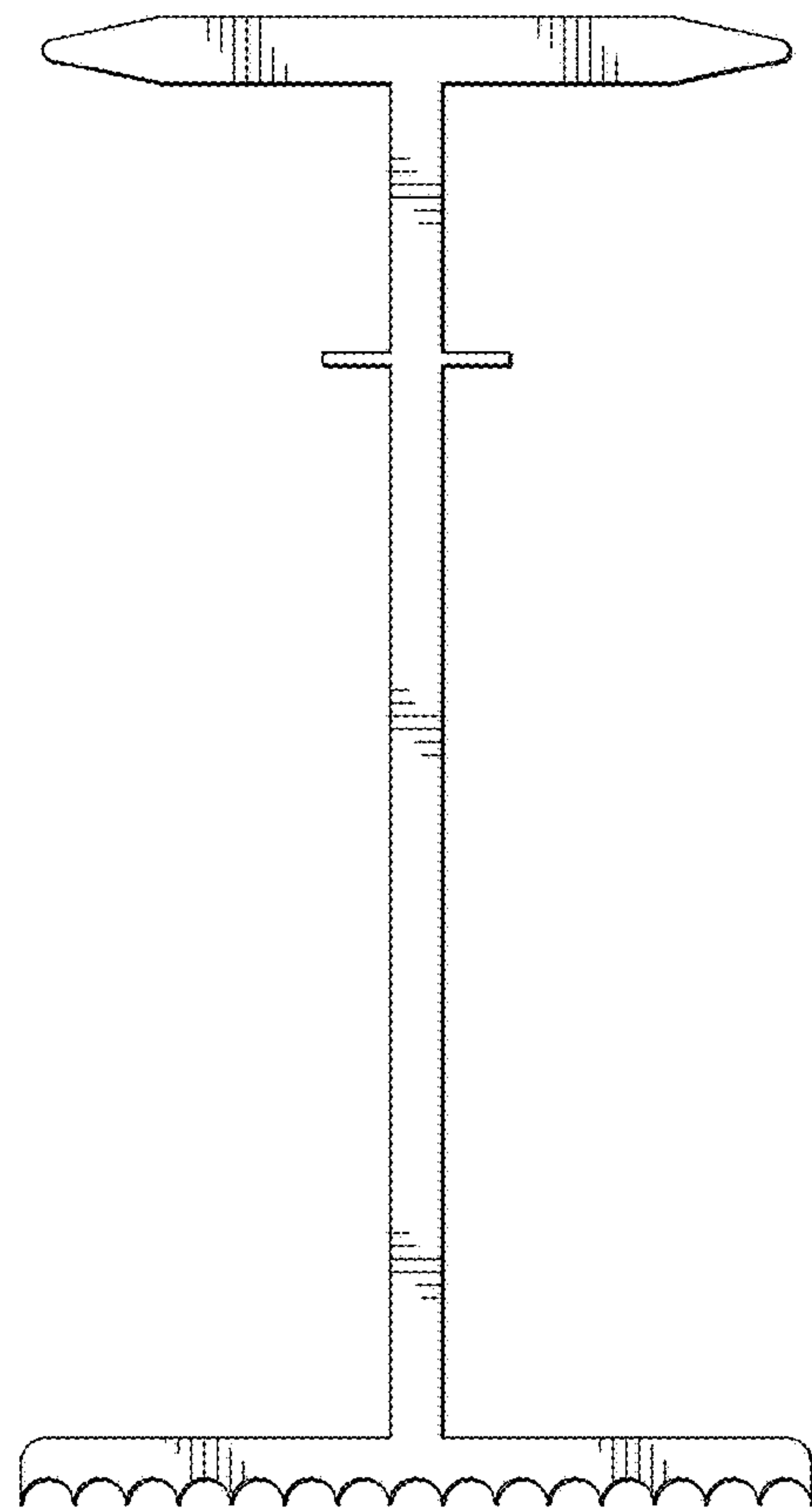


FIG. 3

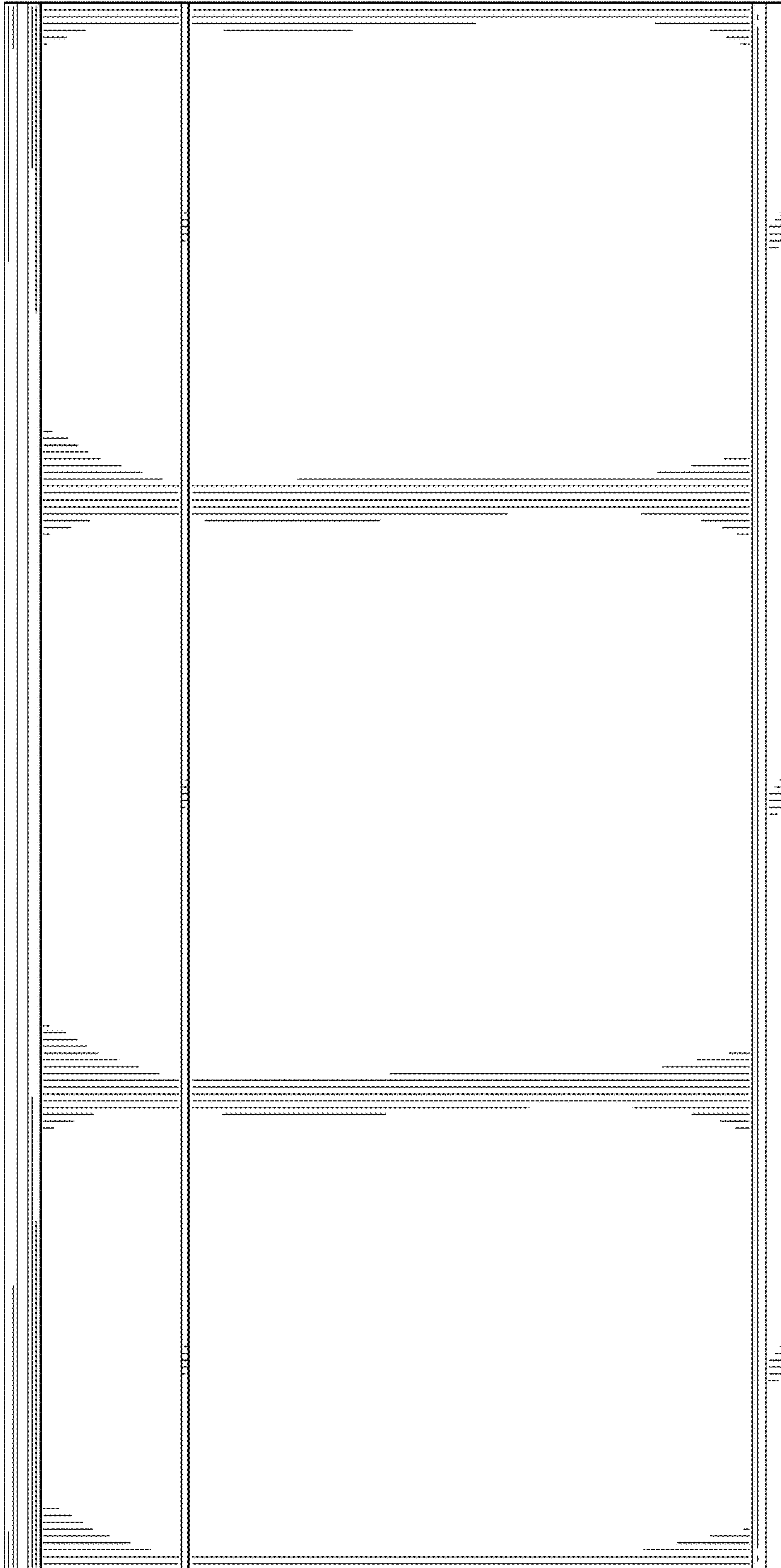


FIG. 4

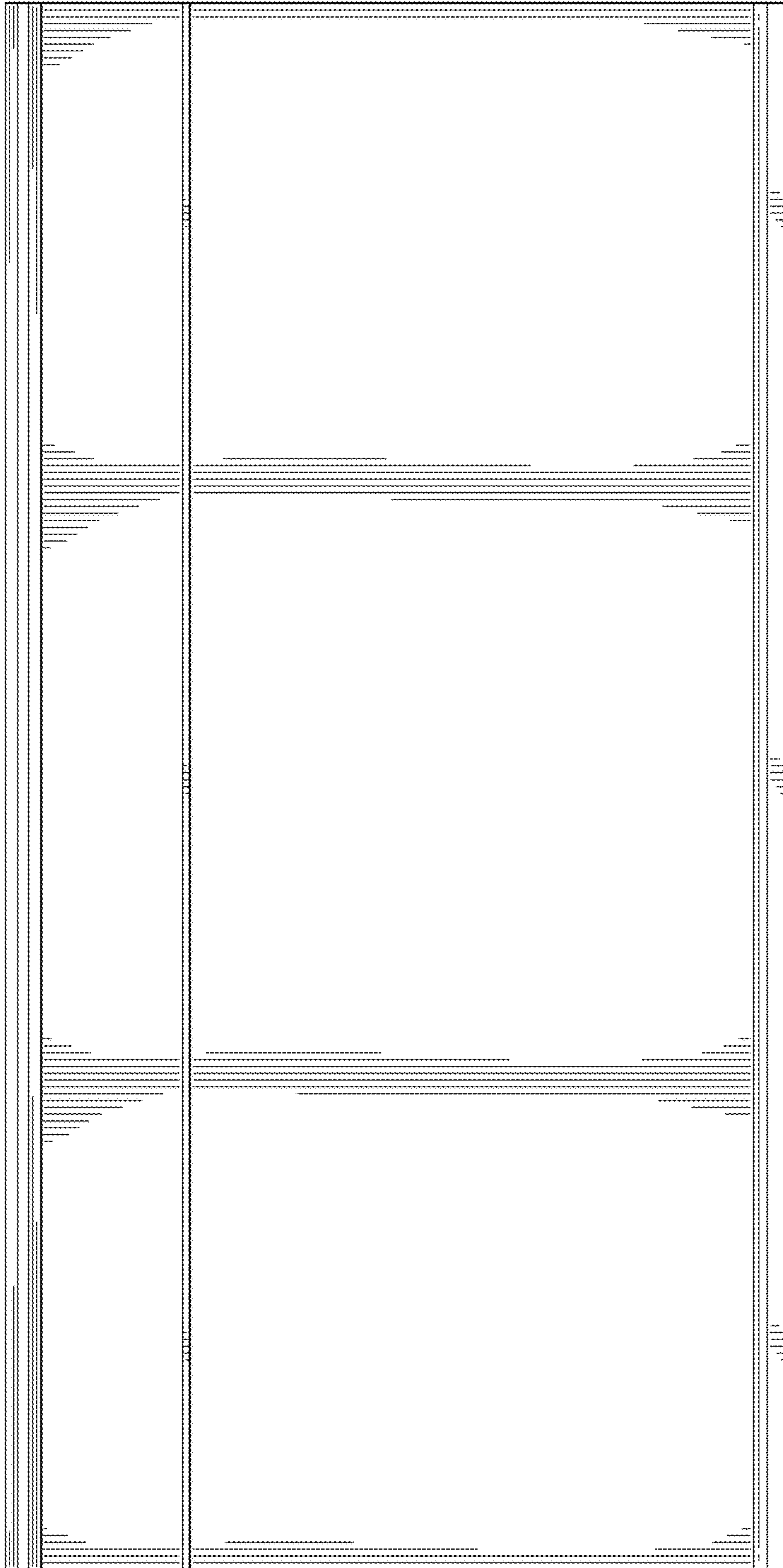


FIG. 5

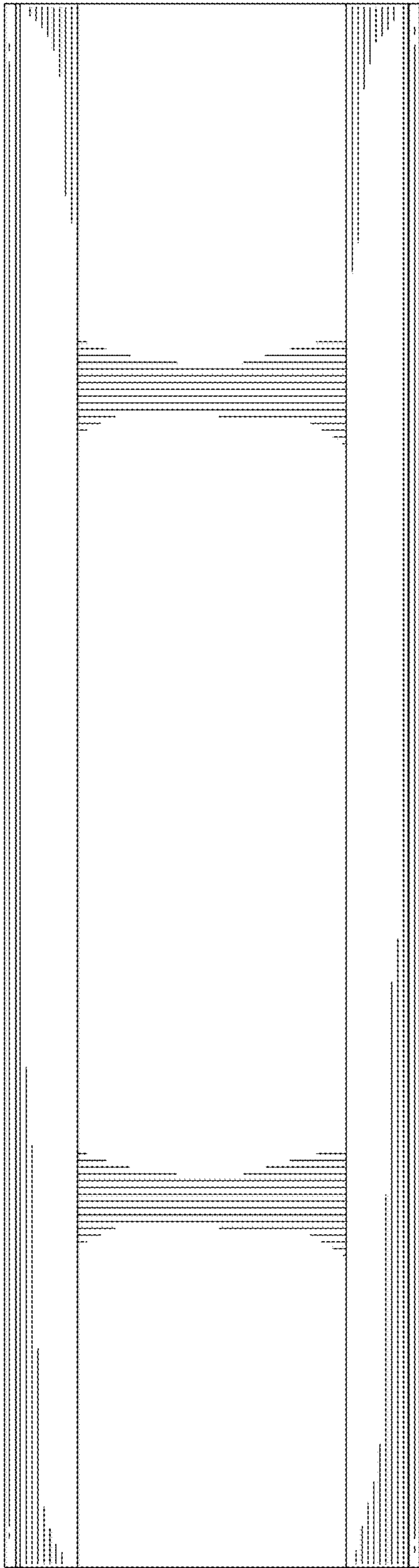


FIG. 6

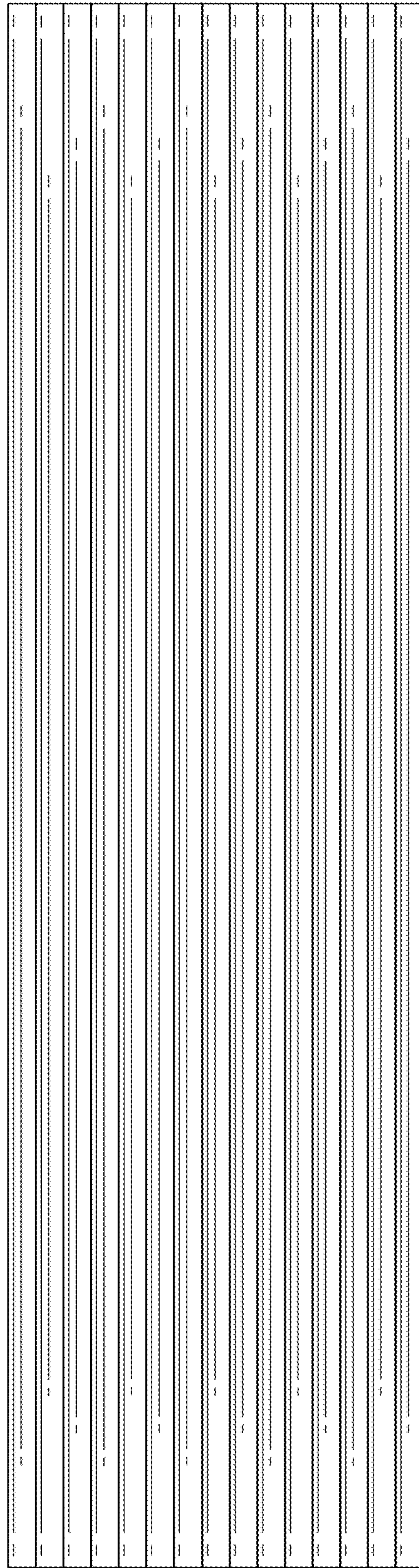


FIG. 7

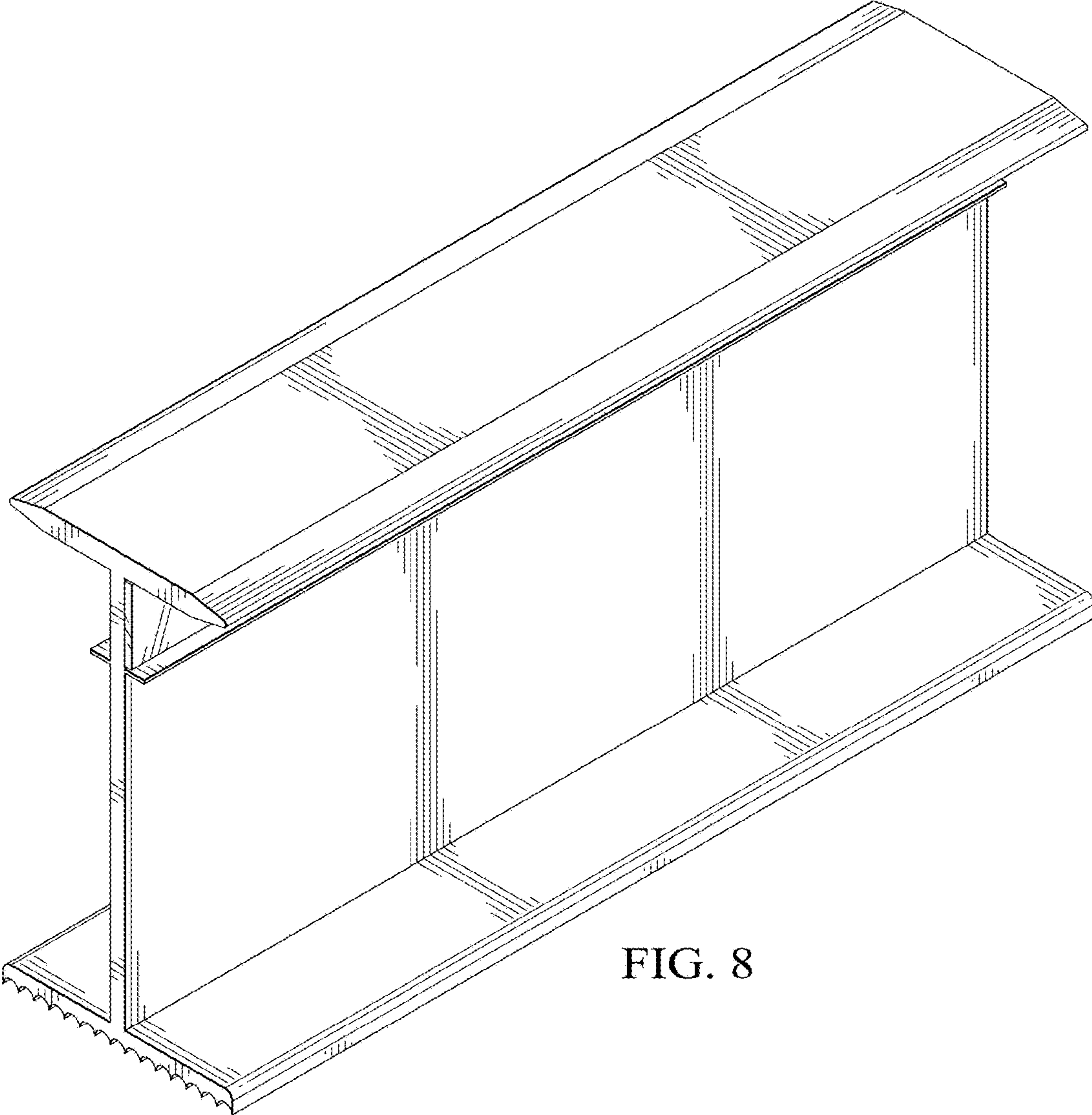


FIG. 8

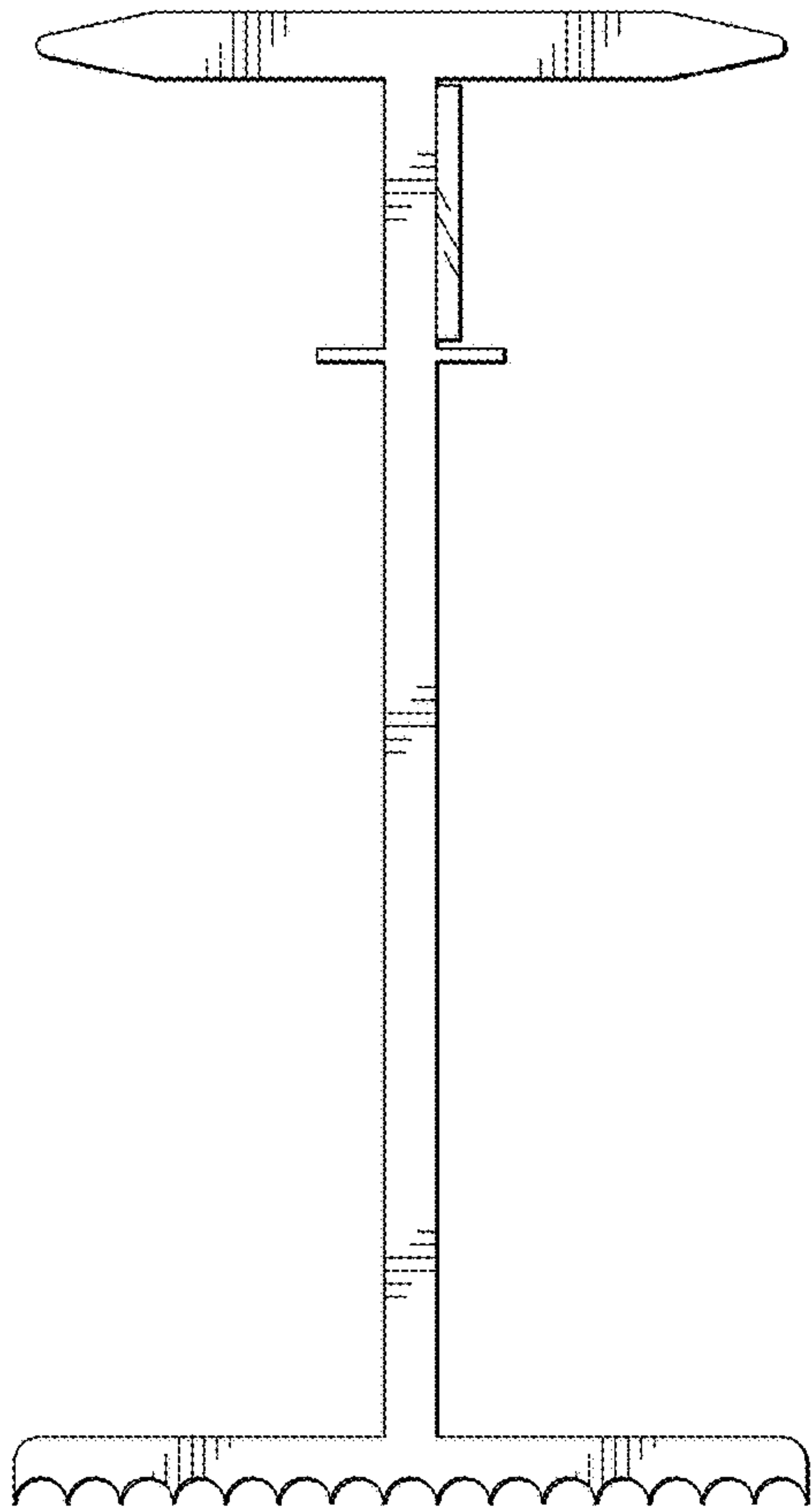


FIG. 9

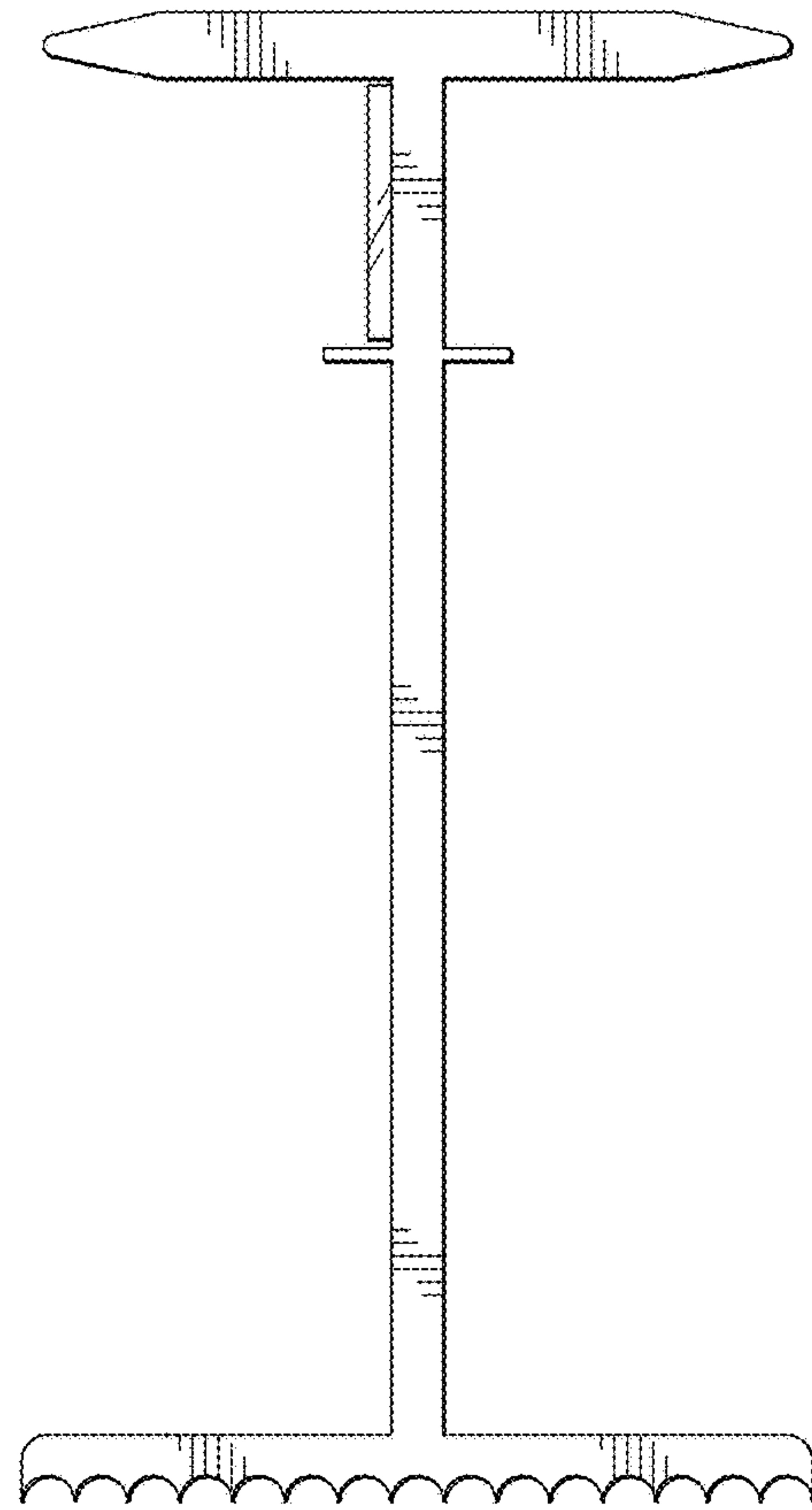


FIG. 10

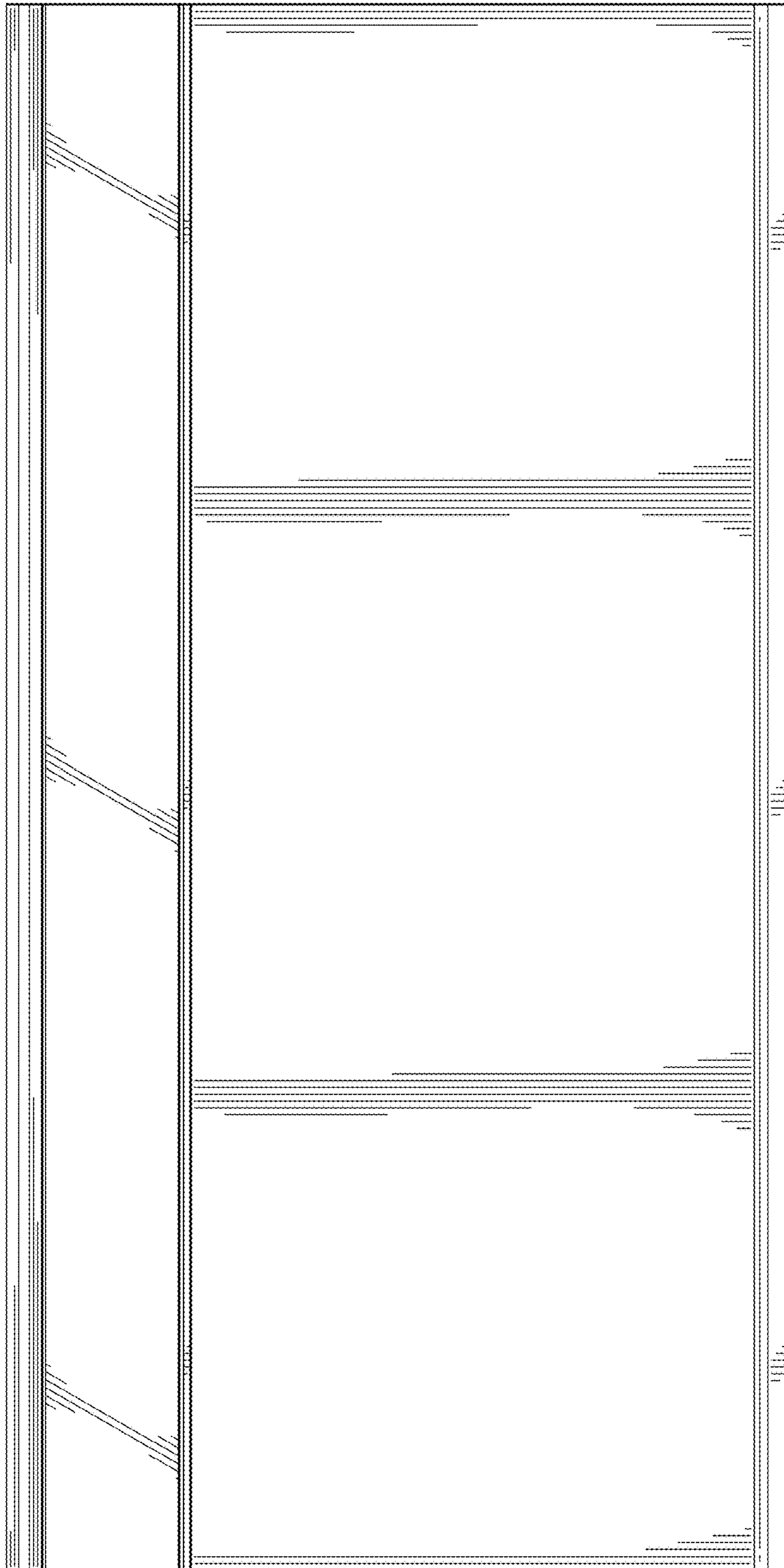


FIG. 11

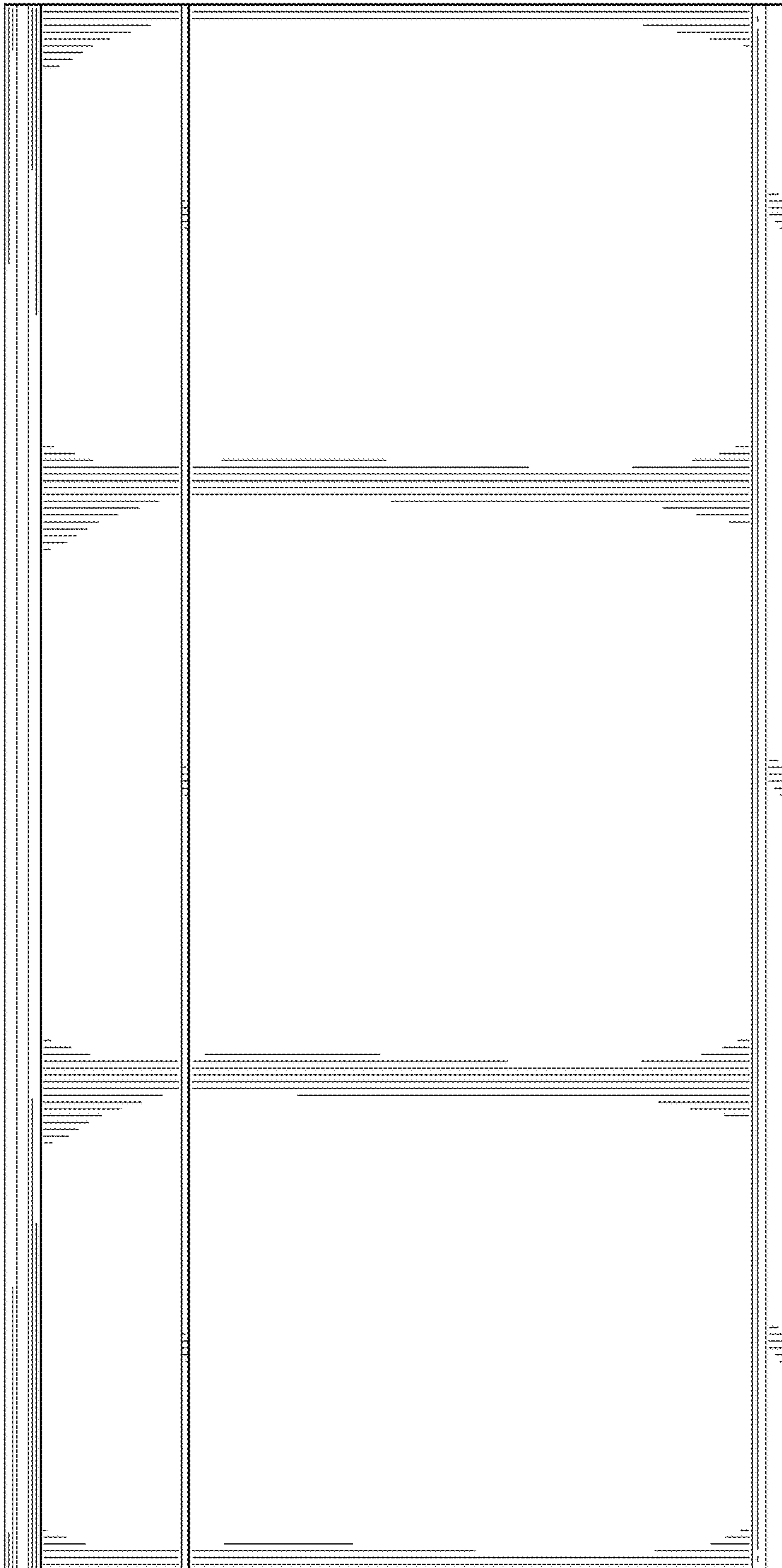


FIG. 12

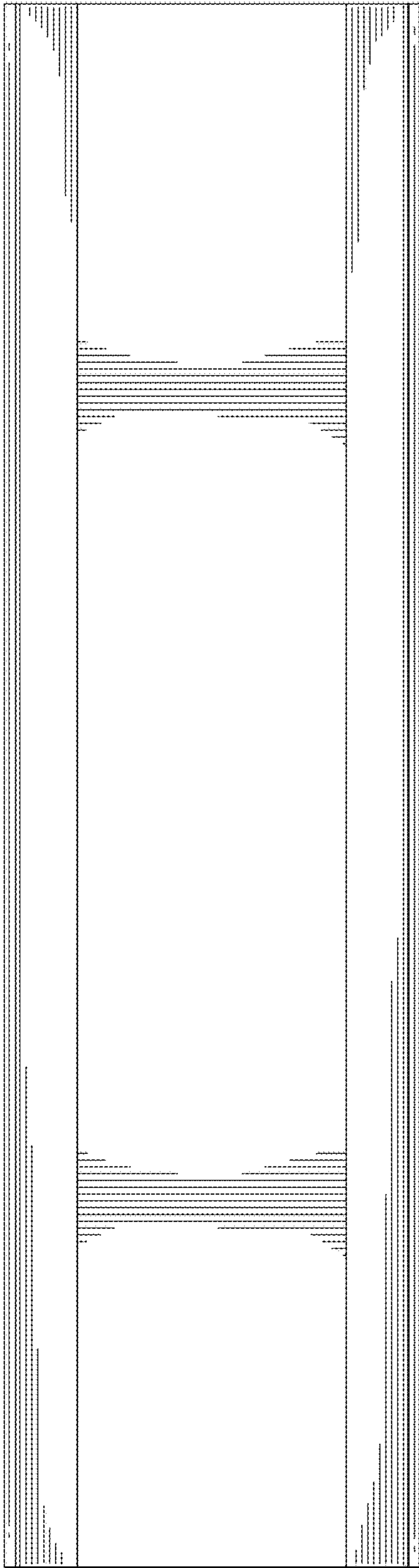


FIG. 13

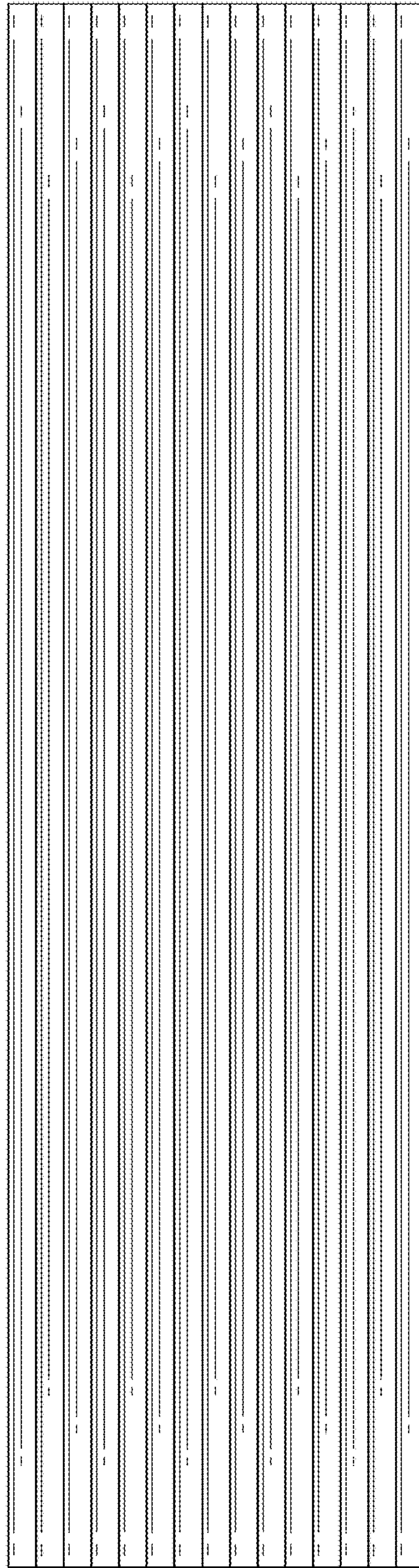


FIG. 14

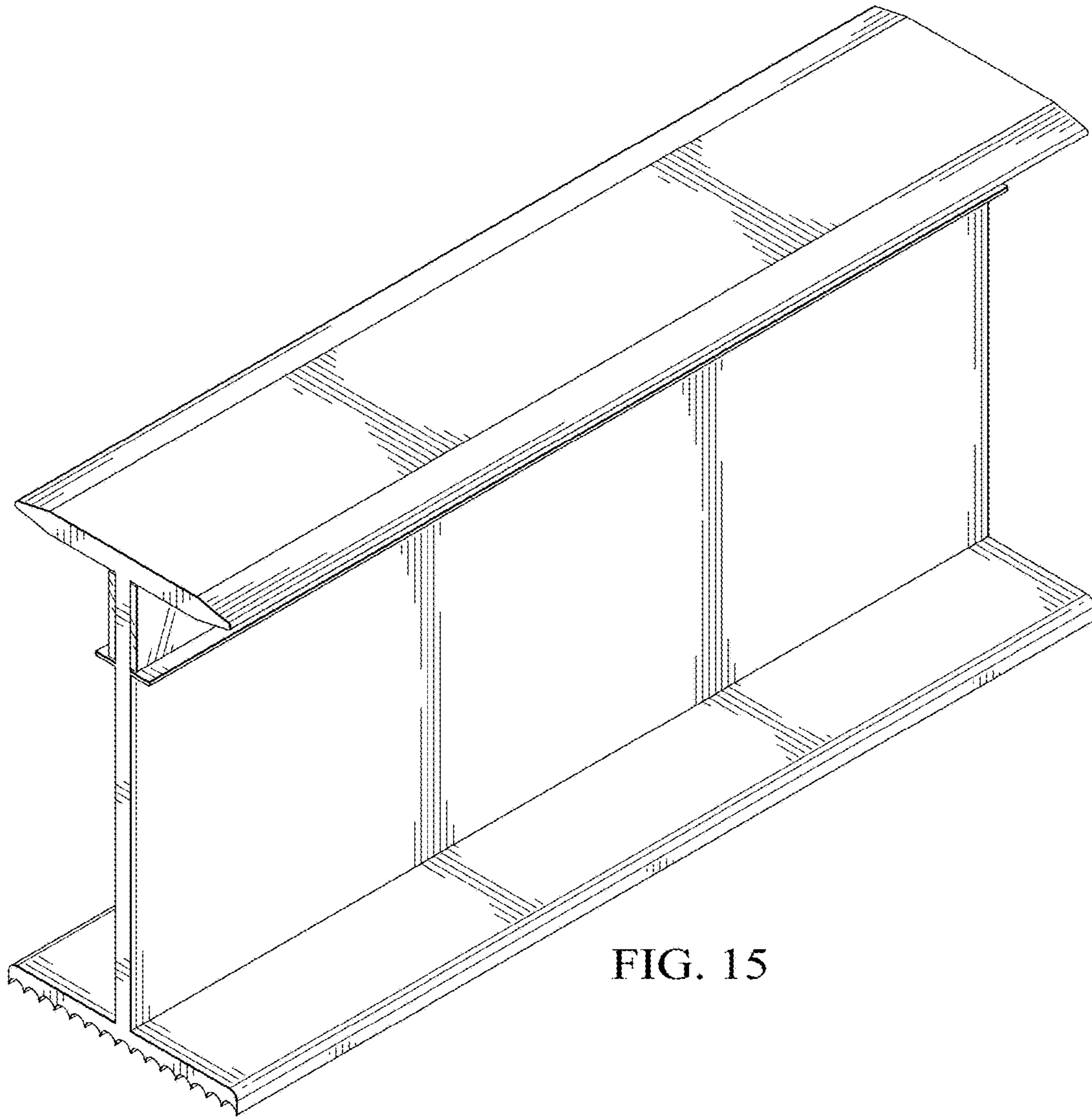


FIG. 15

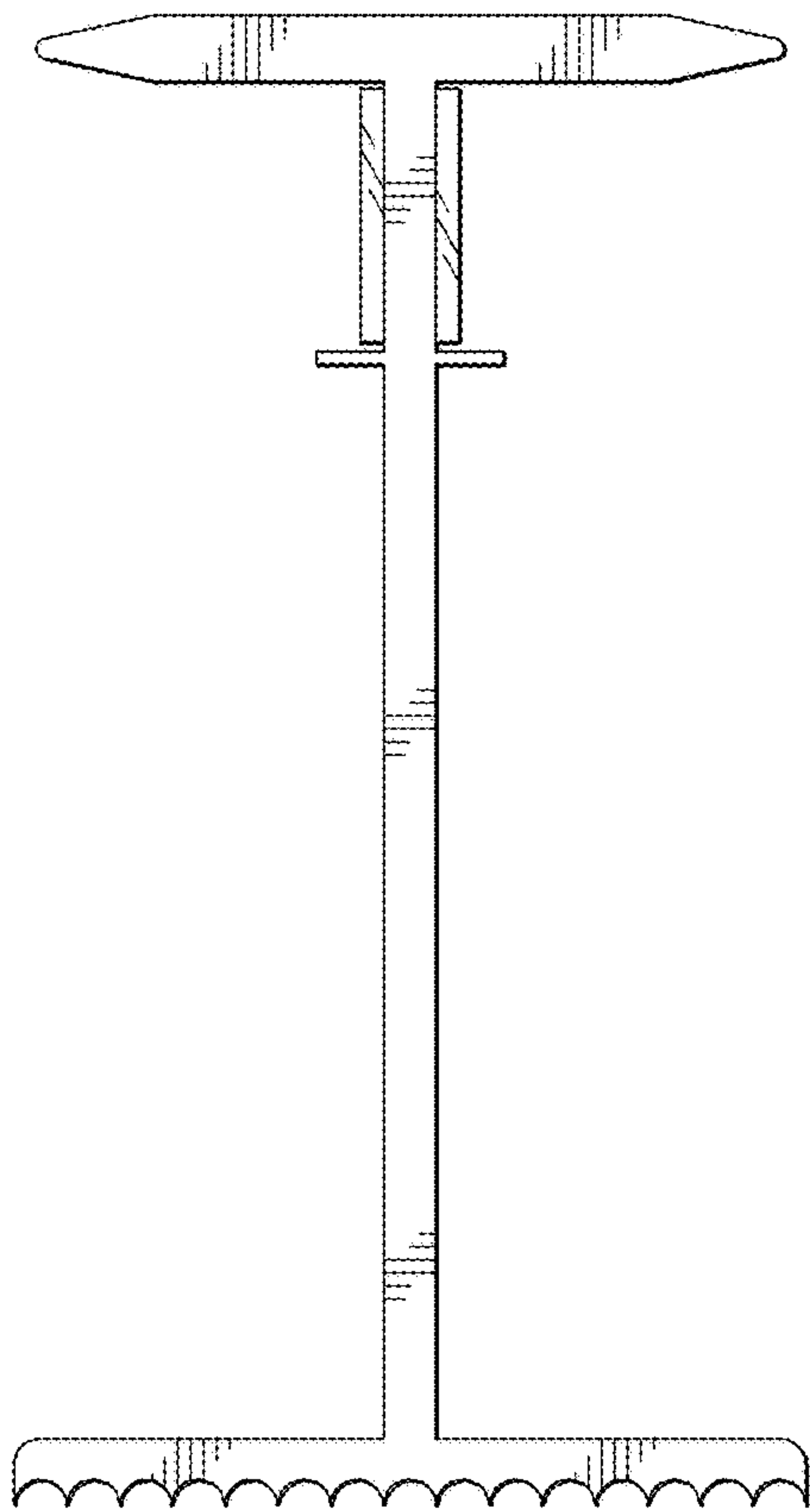


FIG. 16

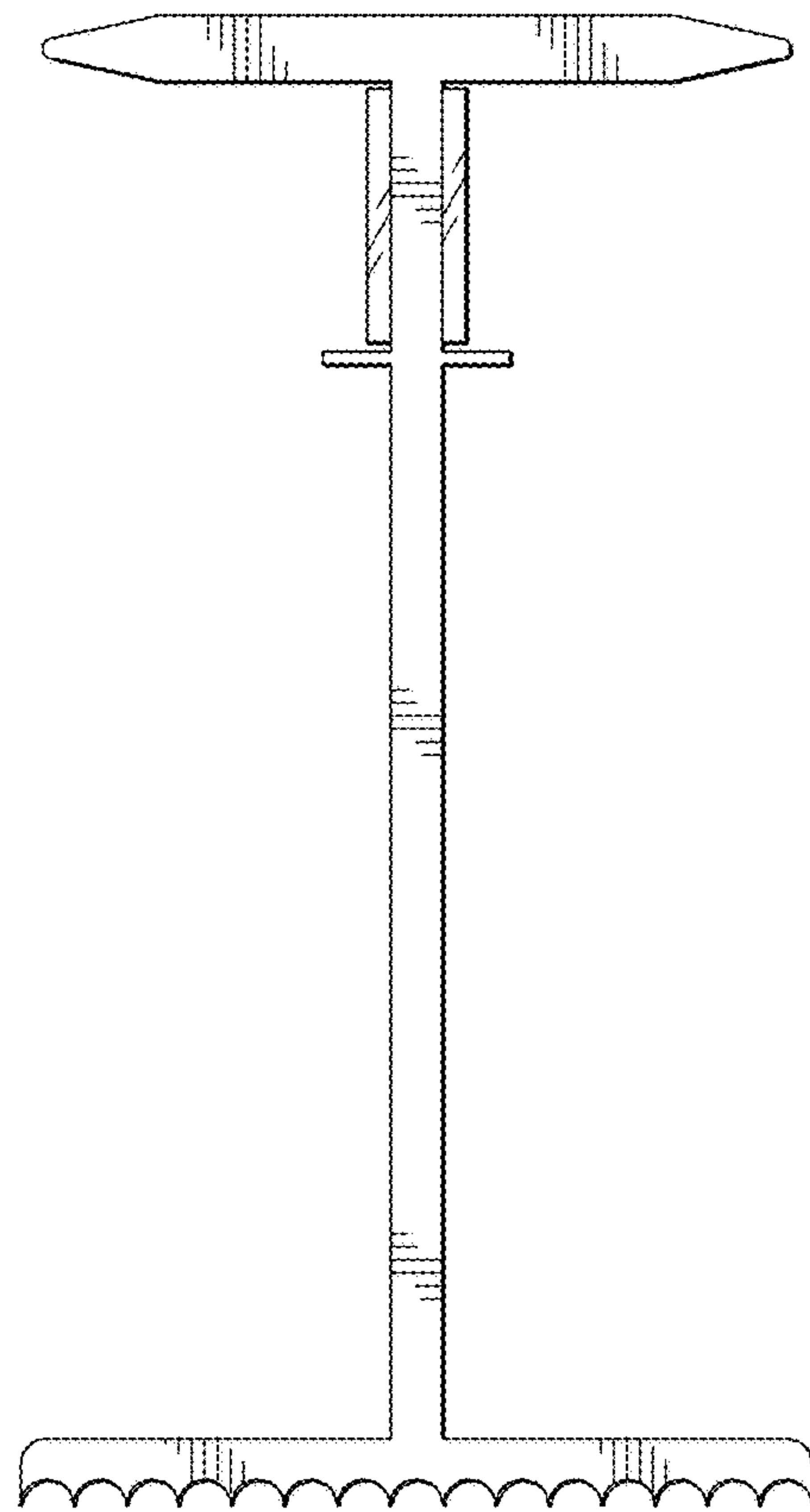


FIG. 17

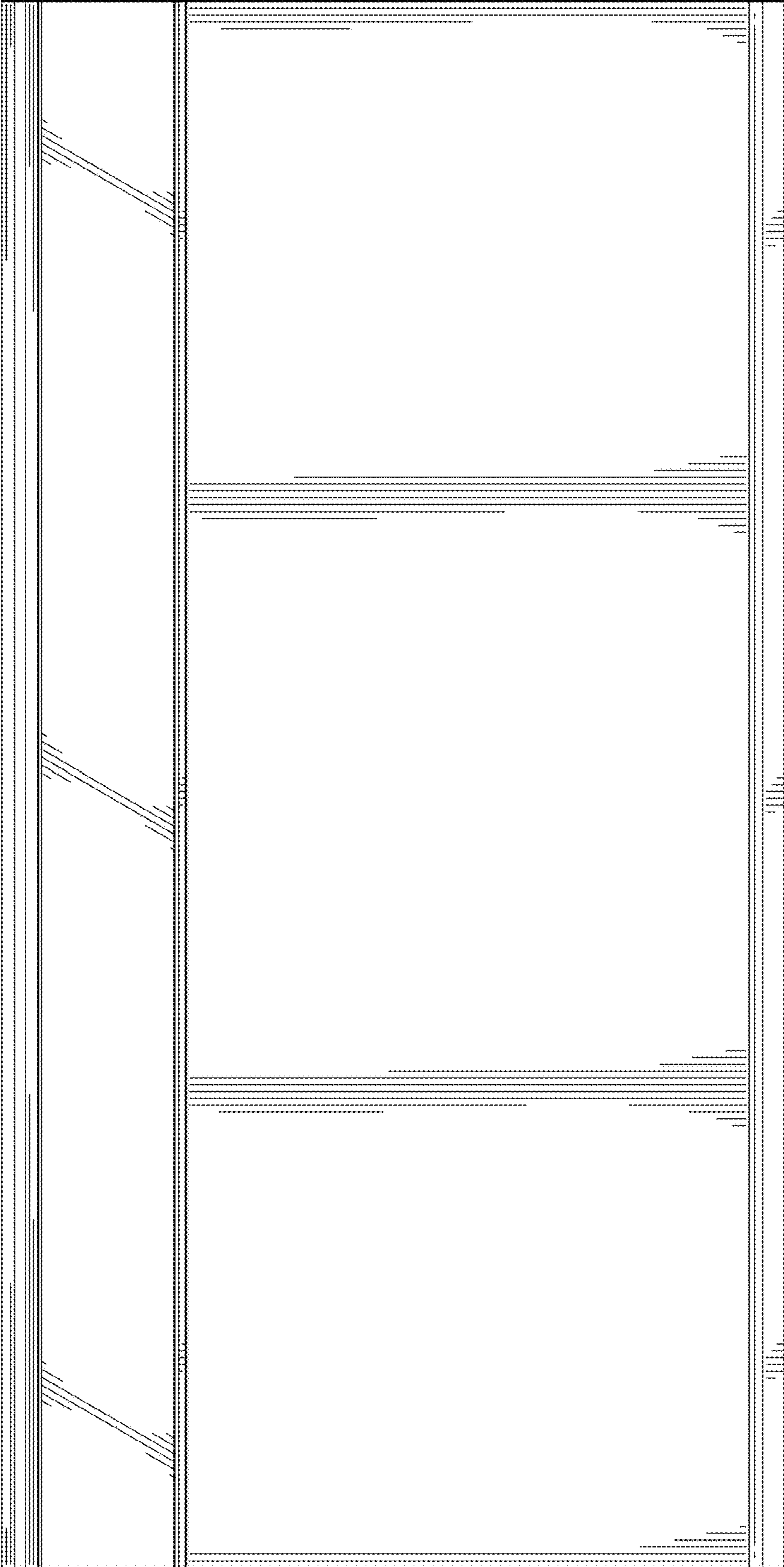


FIG. 18

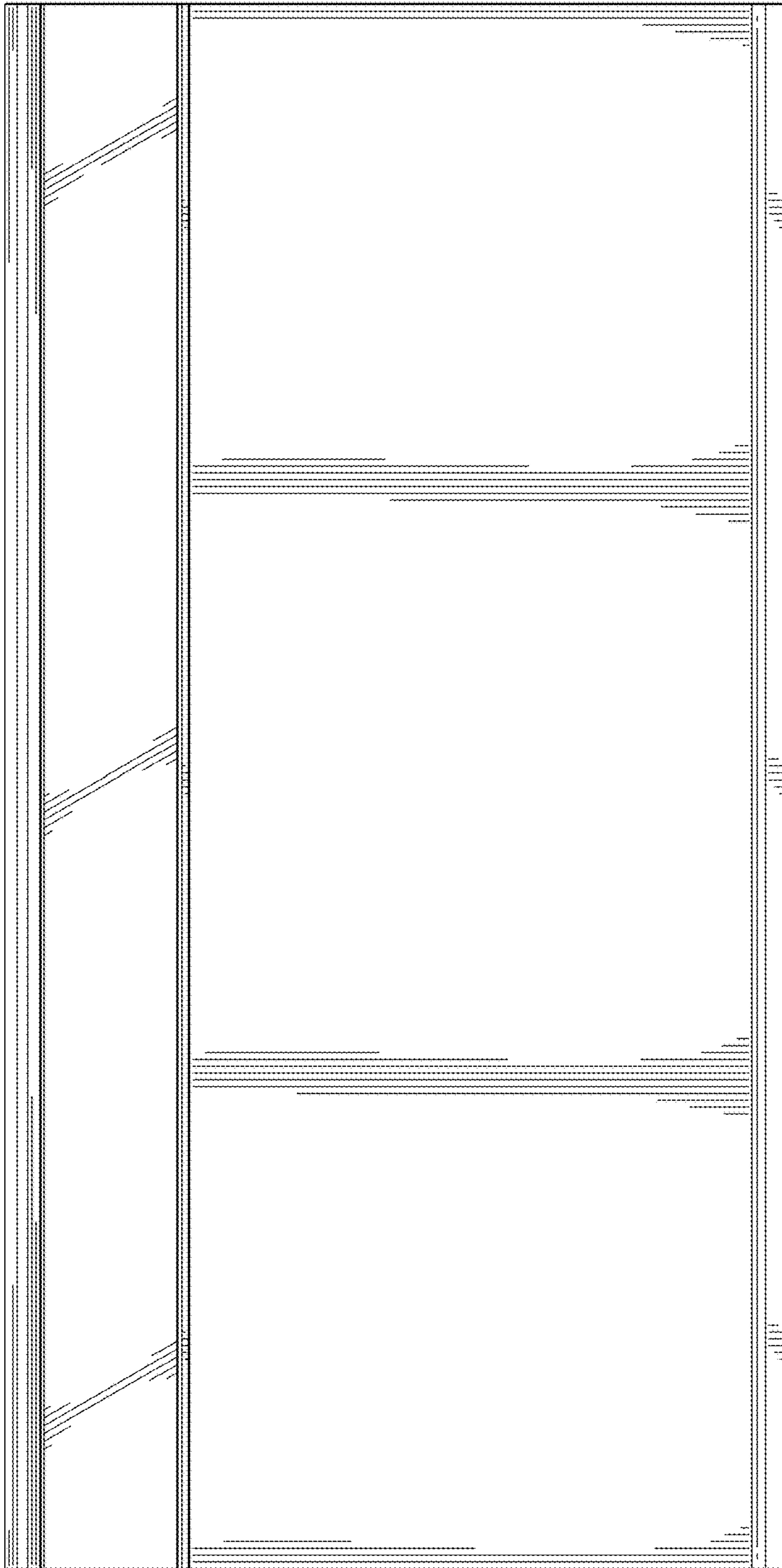


FIG. 19

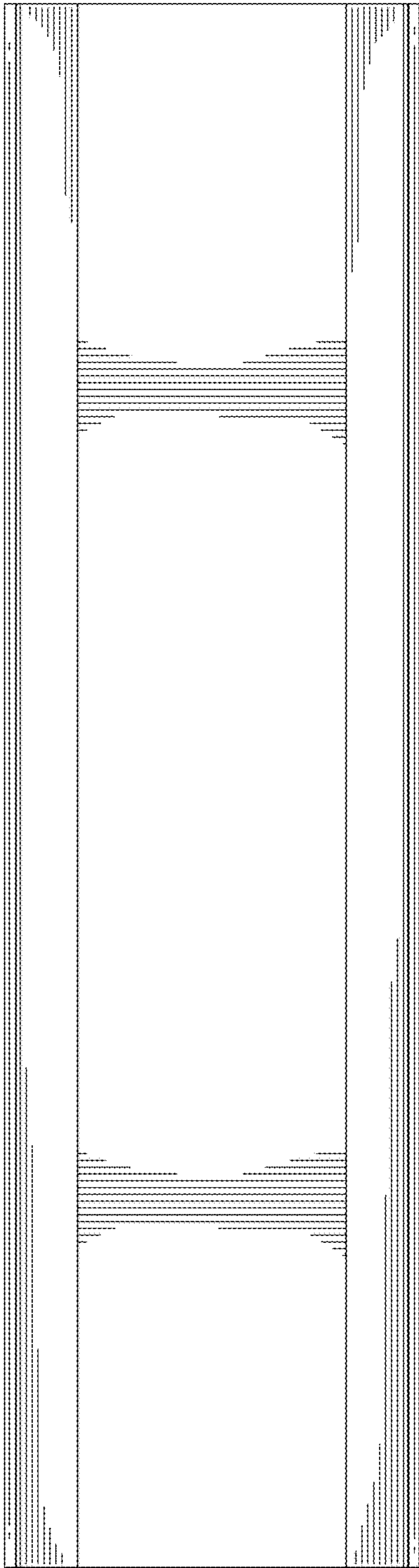


FIG. 20

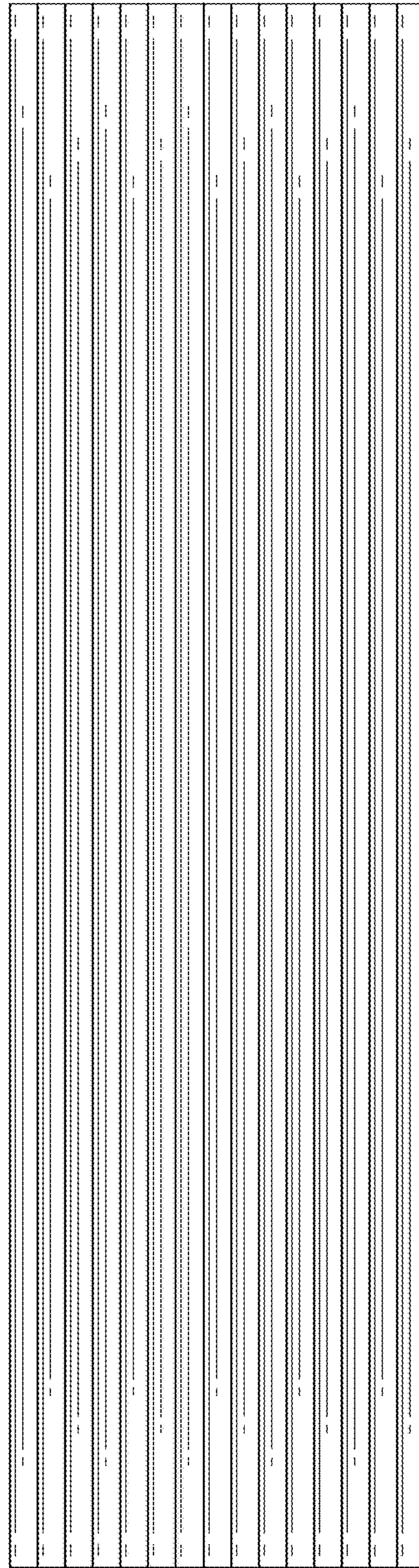


FIG. 21

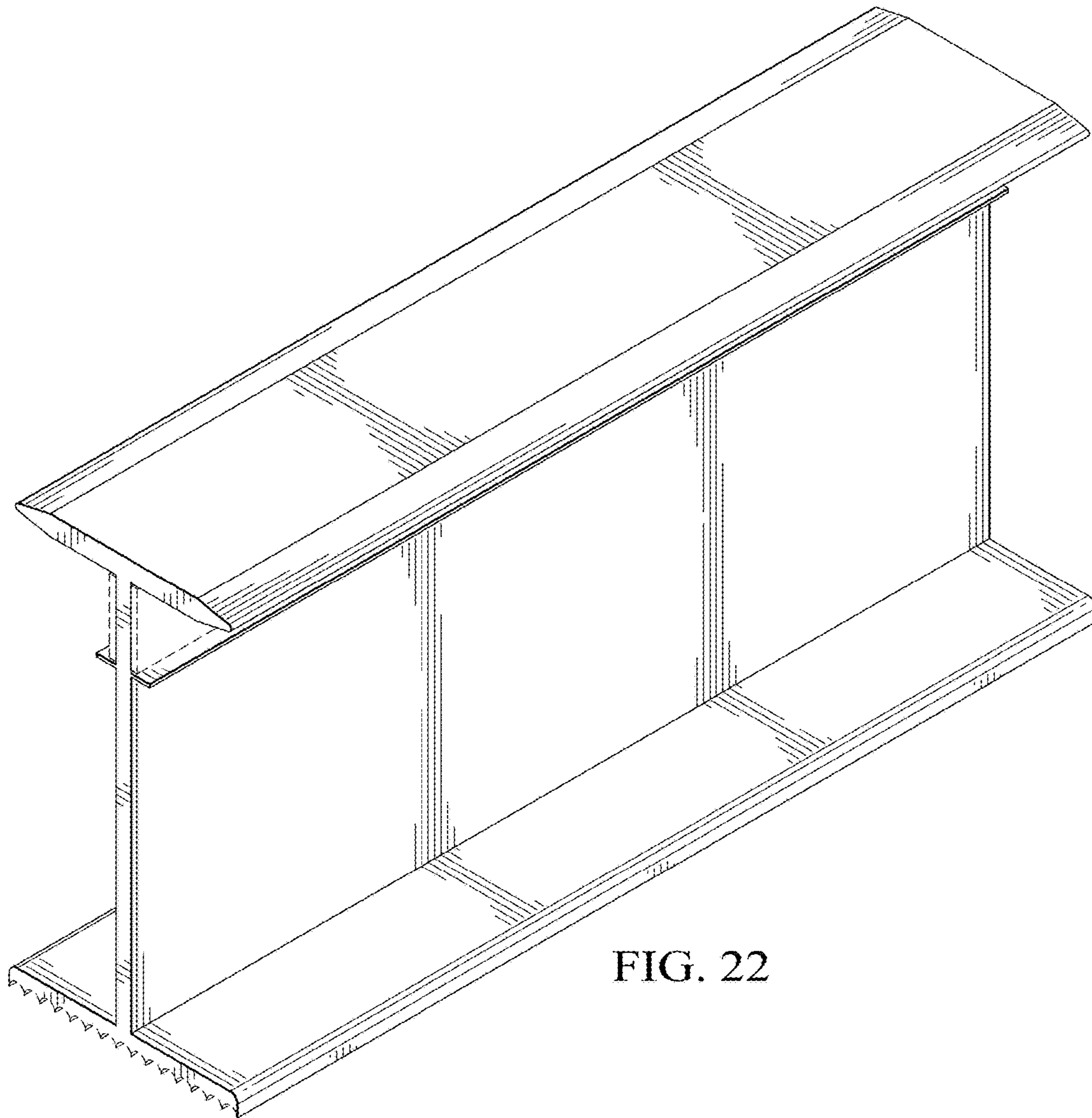


FIG. 22

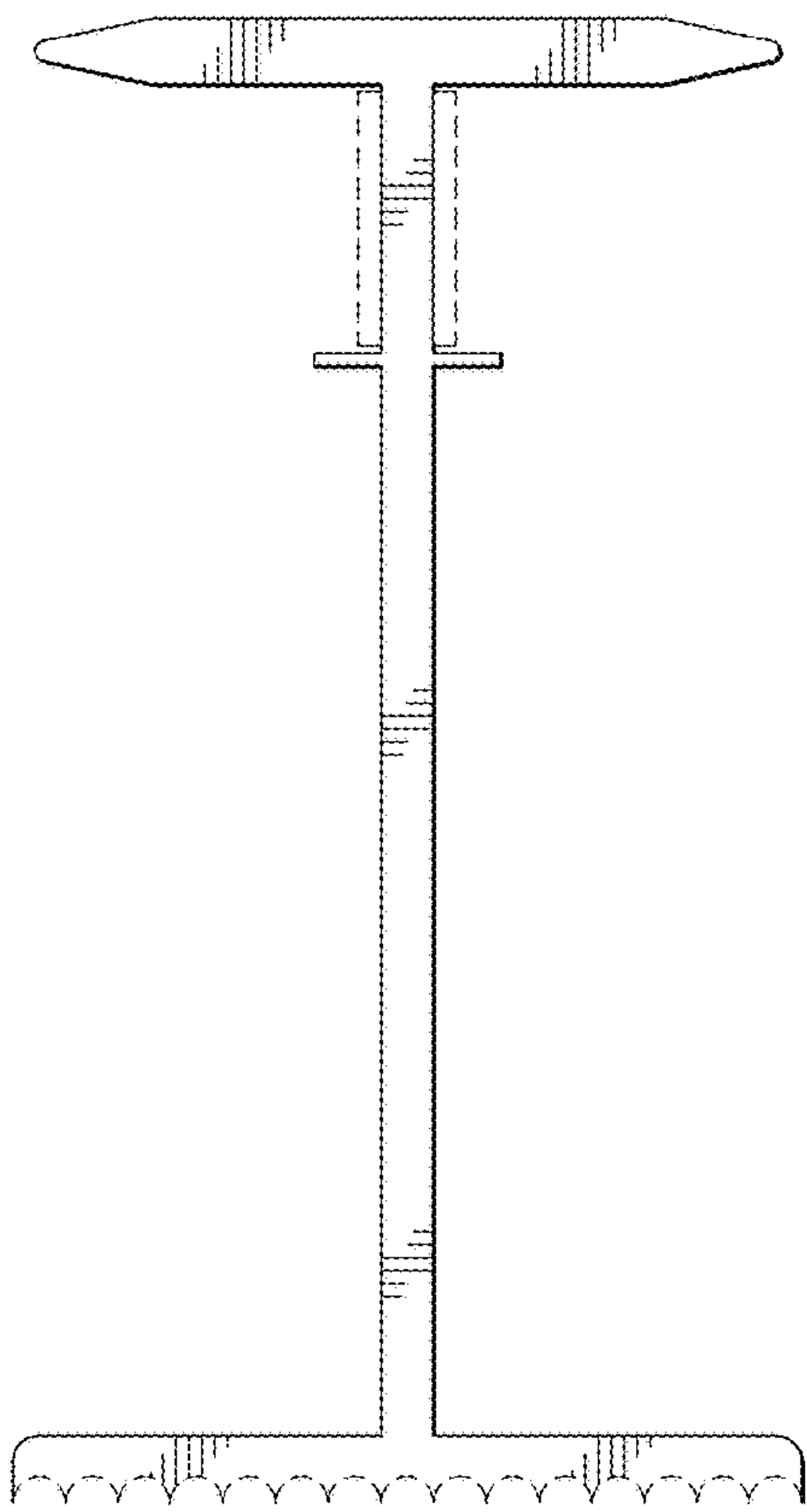


FIG. 23

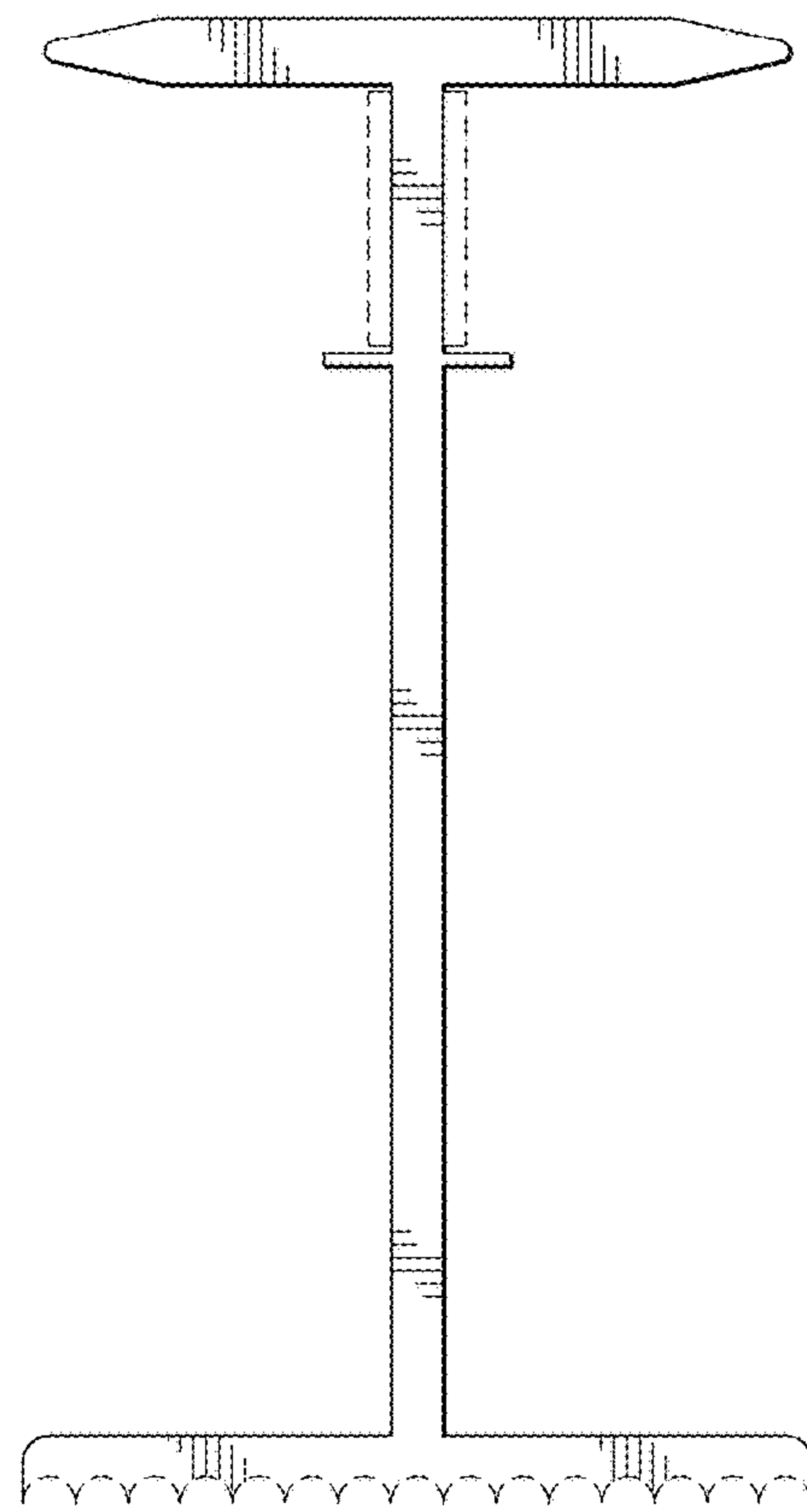


FIG. 24

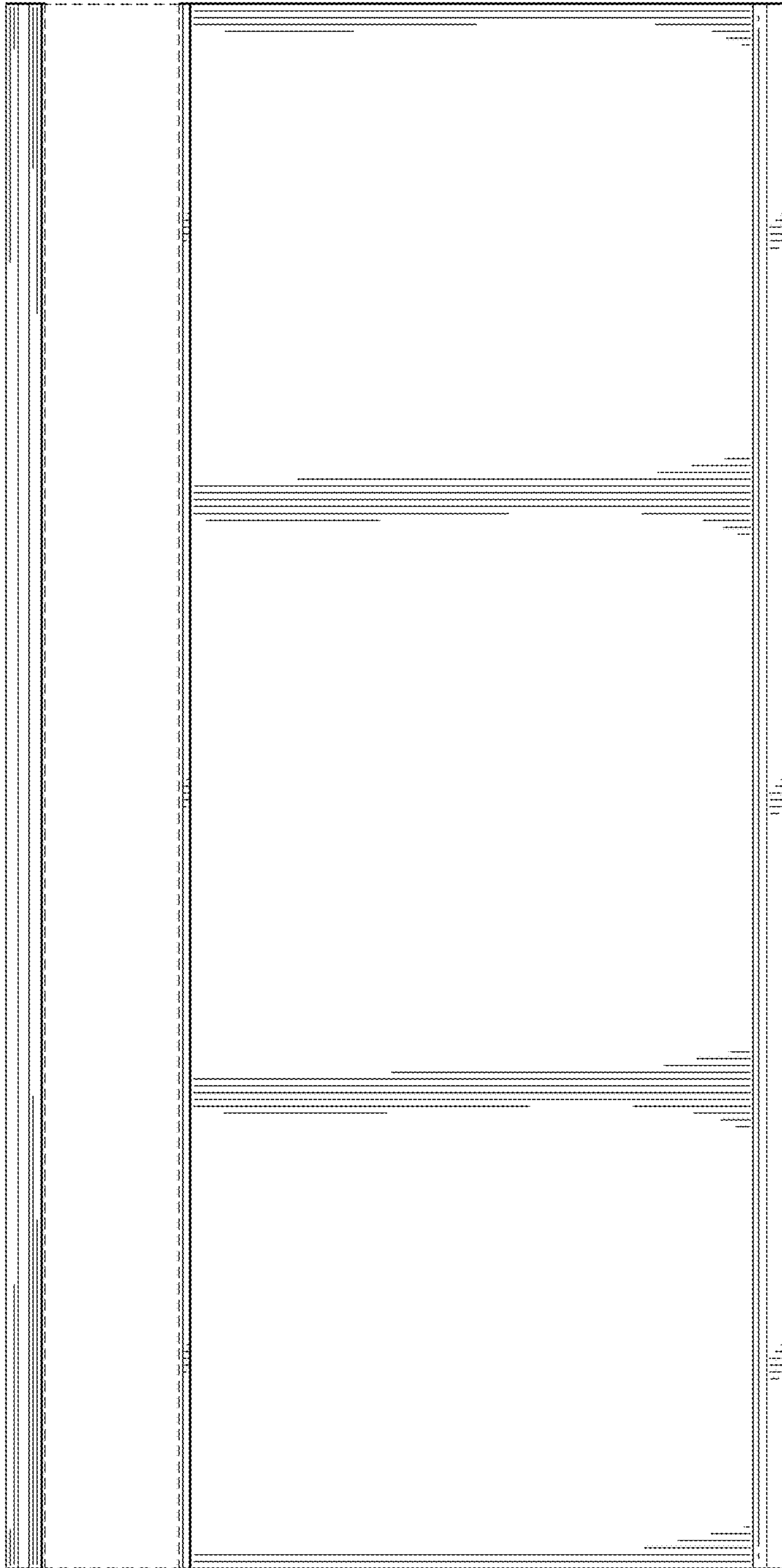


FIG. 25

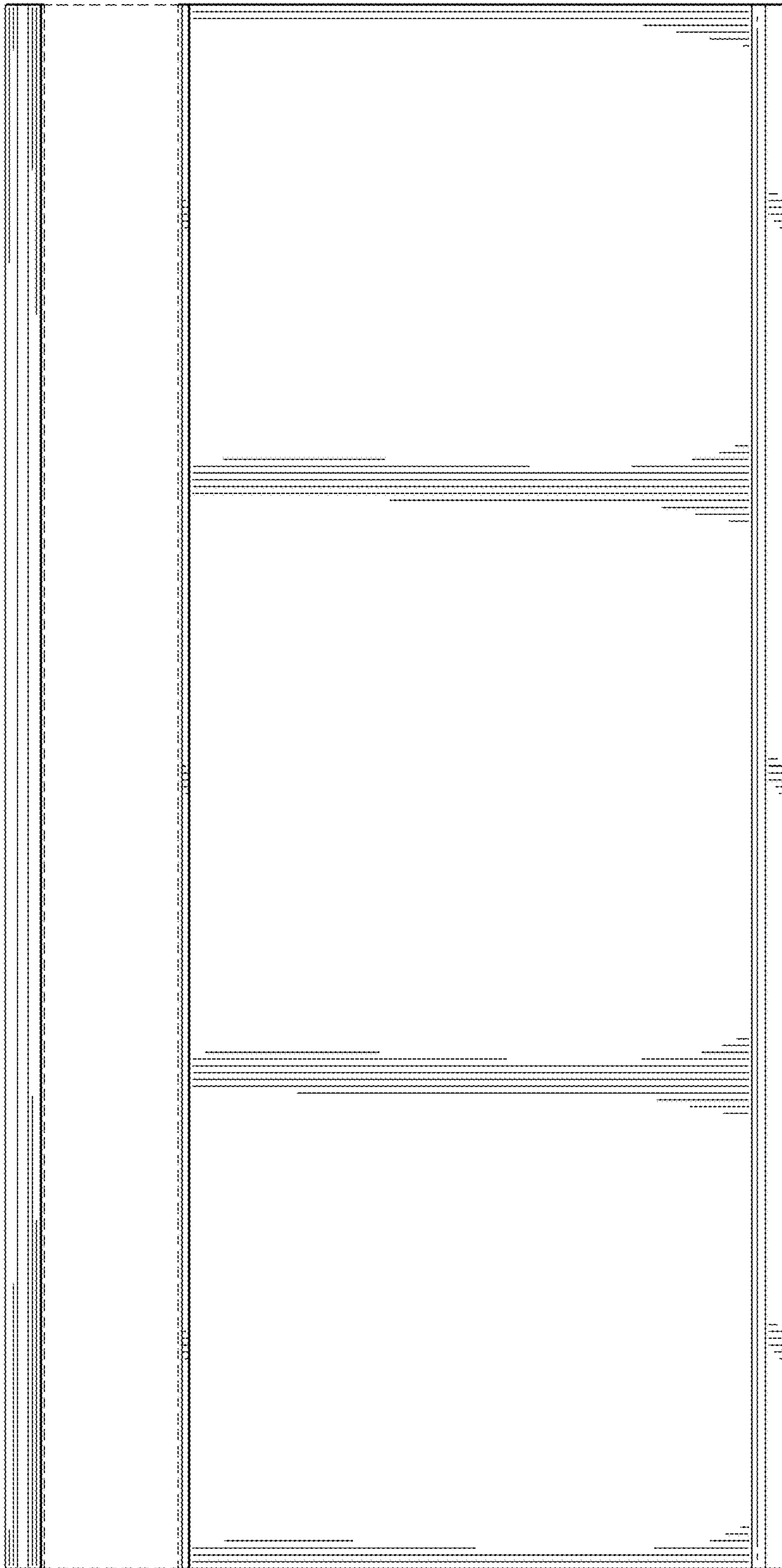


FIG. 26

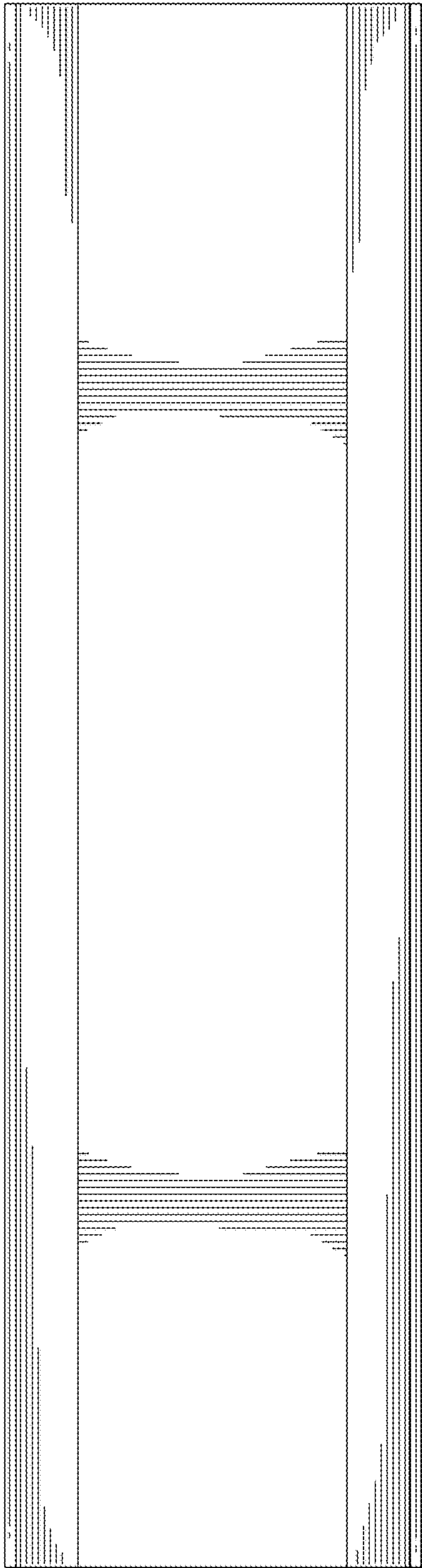


FIG. 27

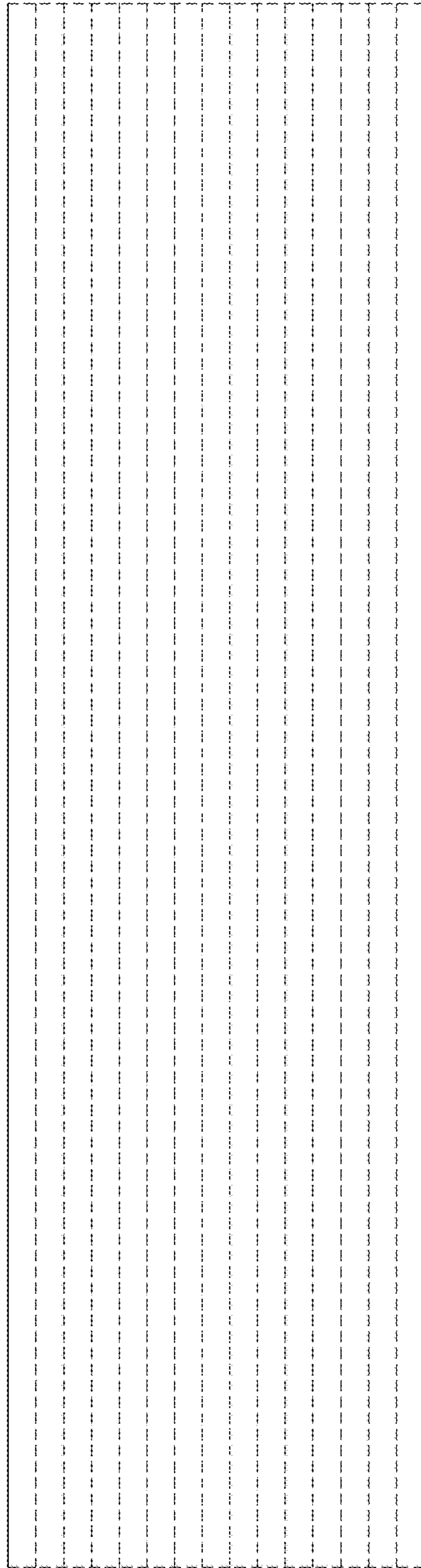


FIG. 28

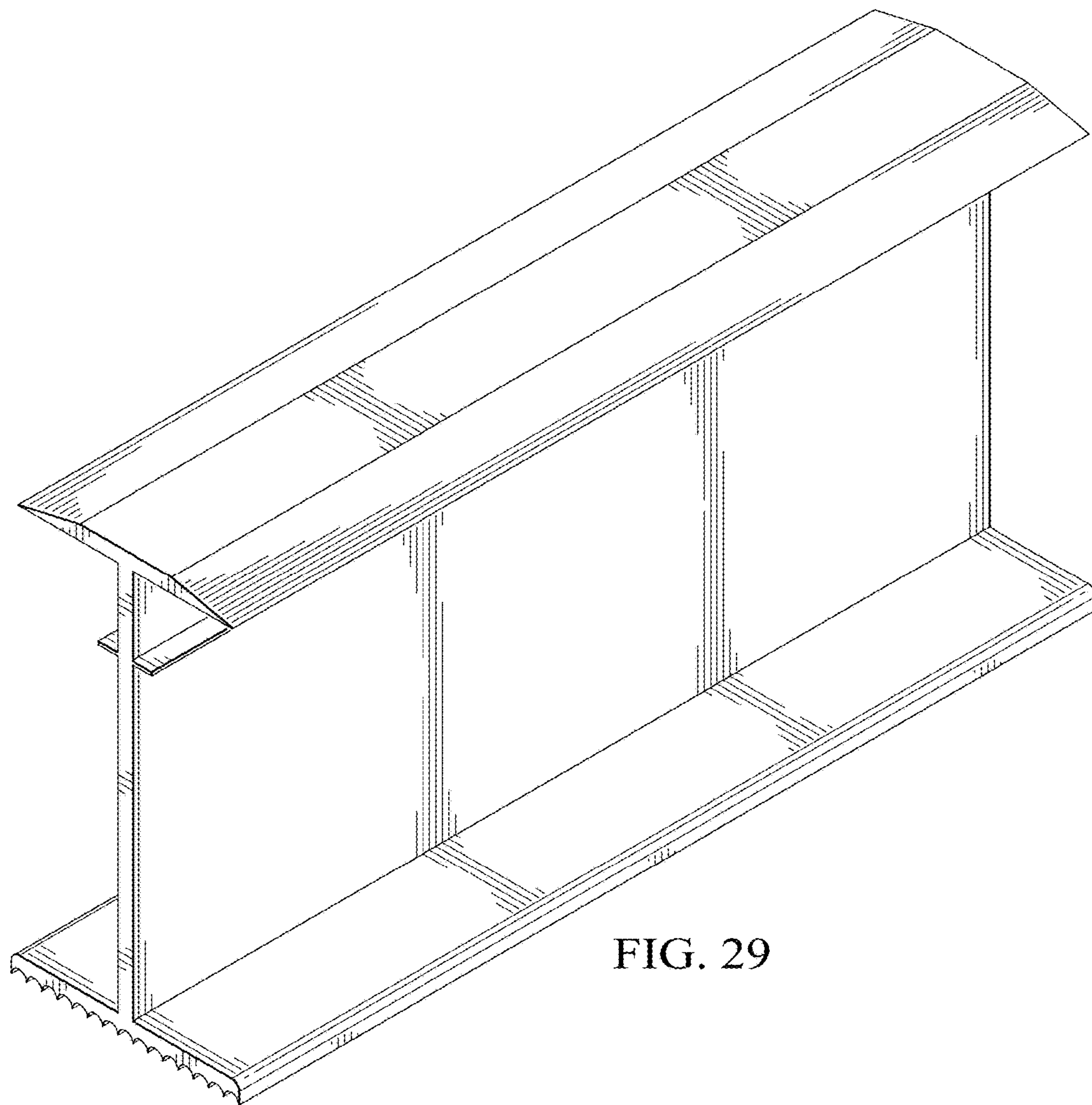


FIG. 29

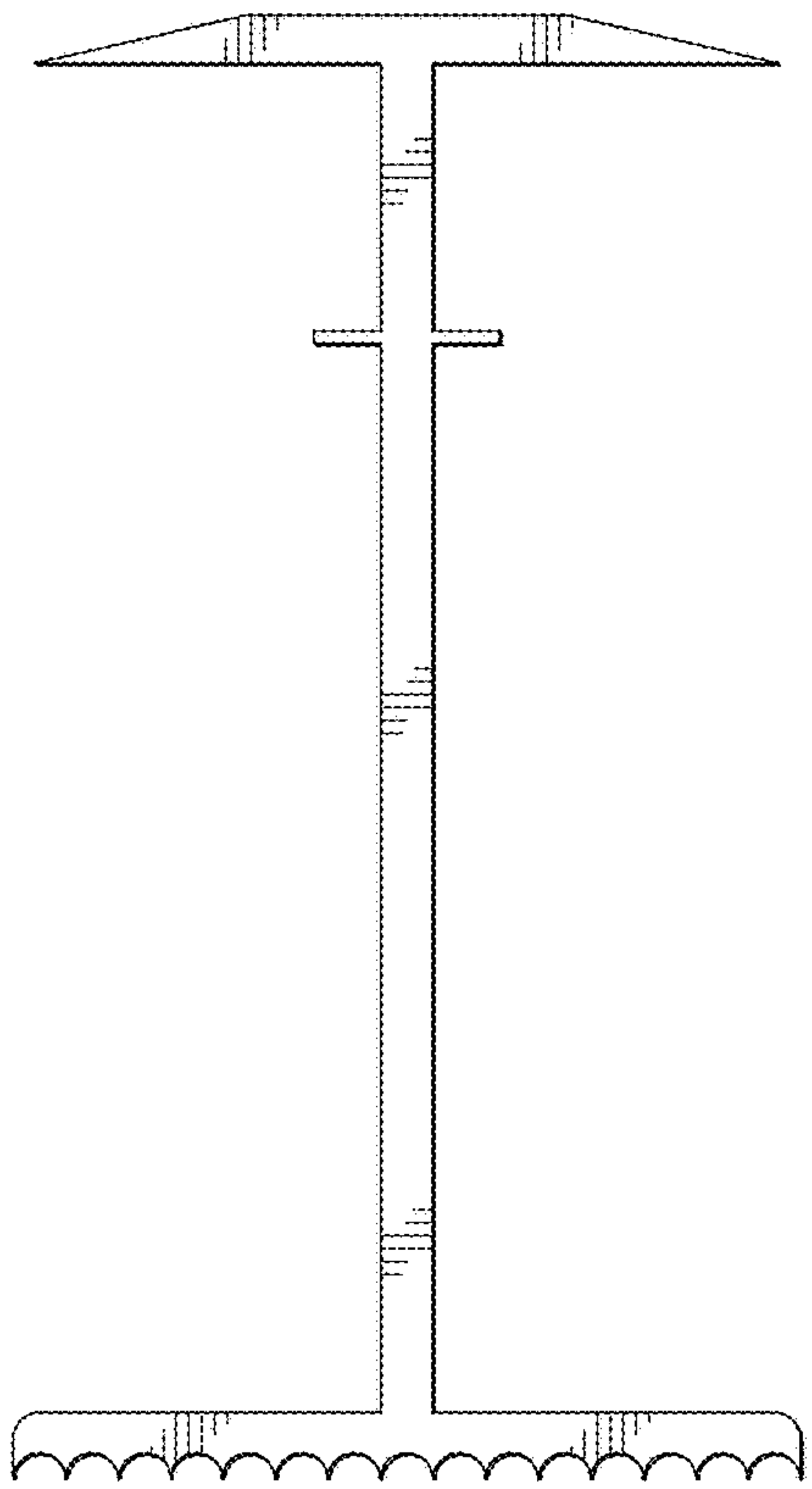


FIG. 30

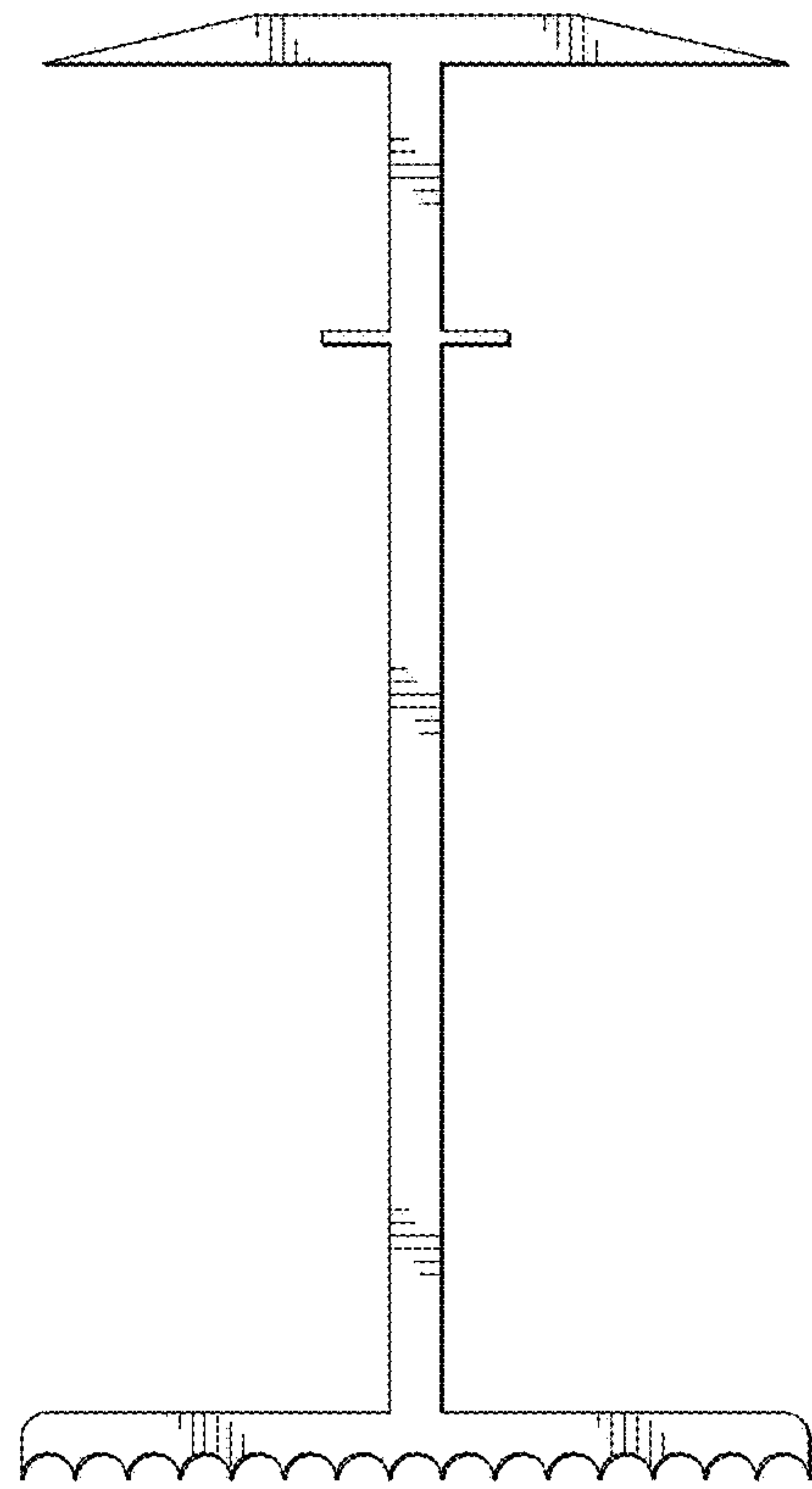


FIG. 31

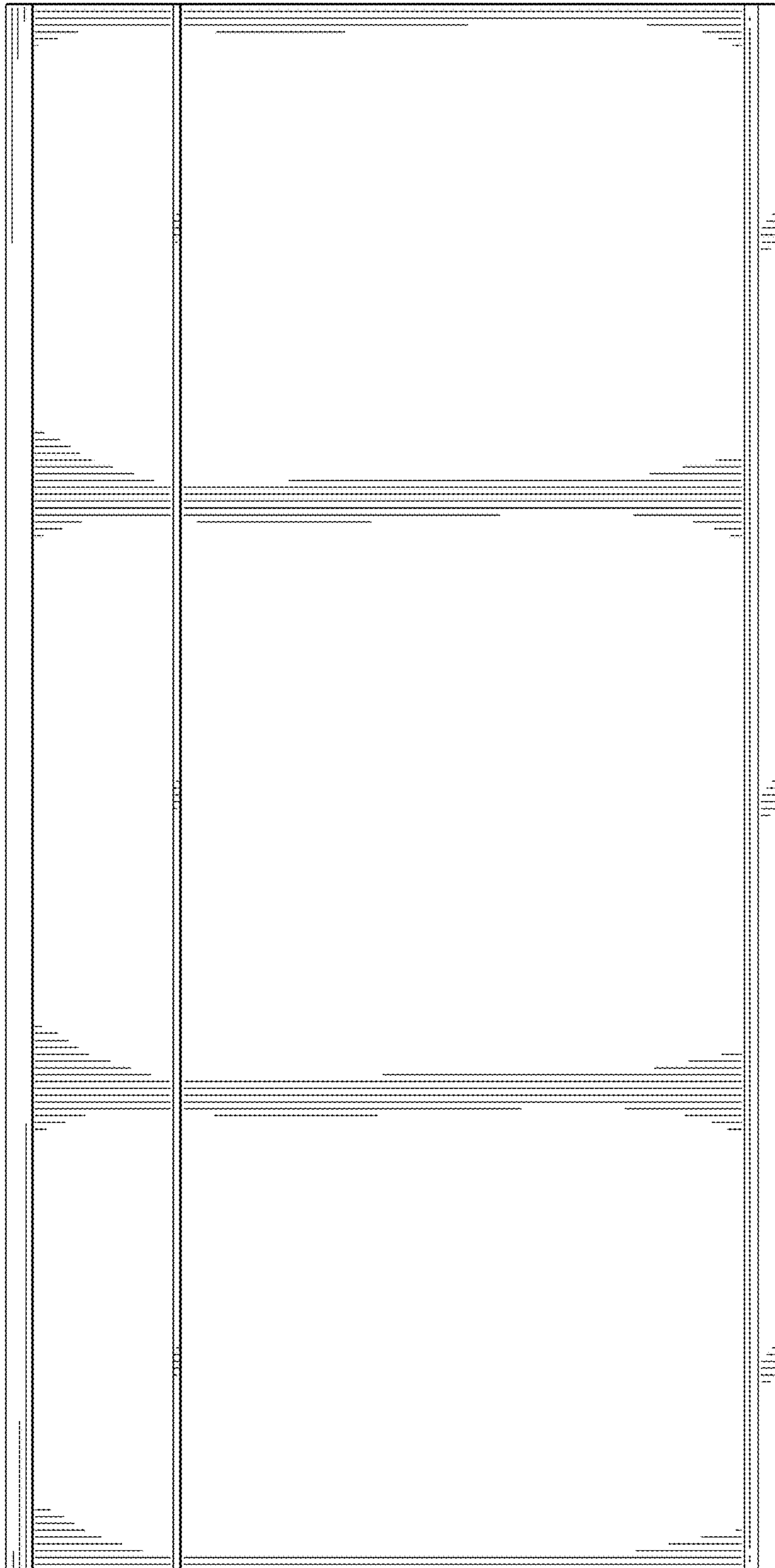


FIG. 32

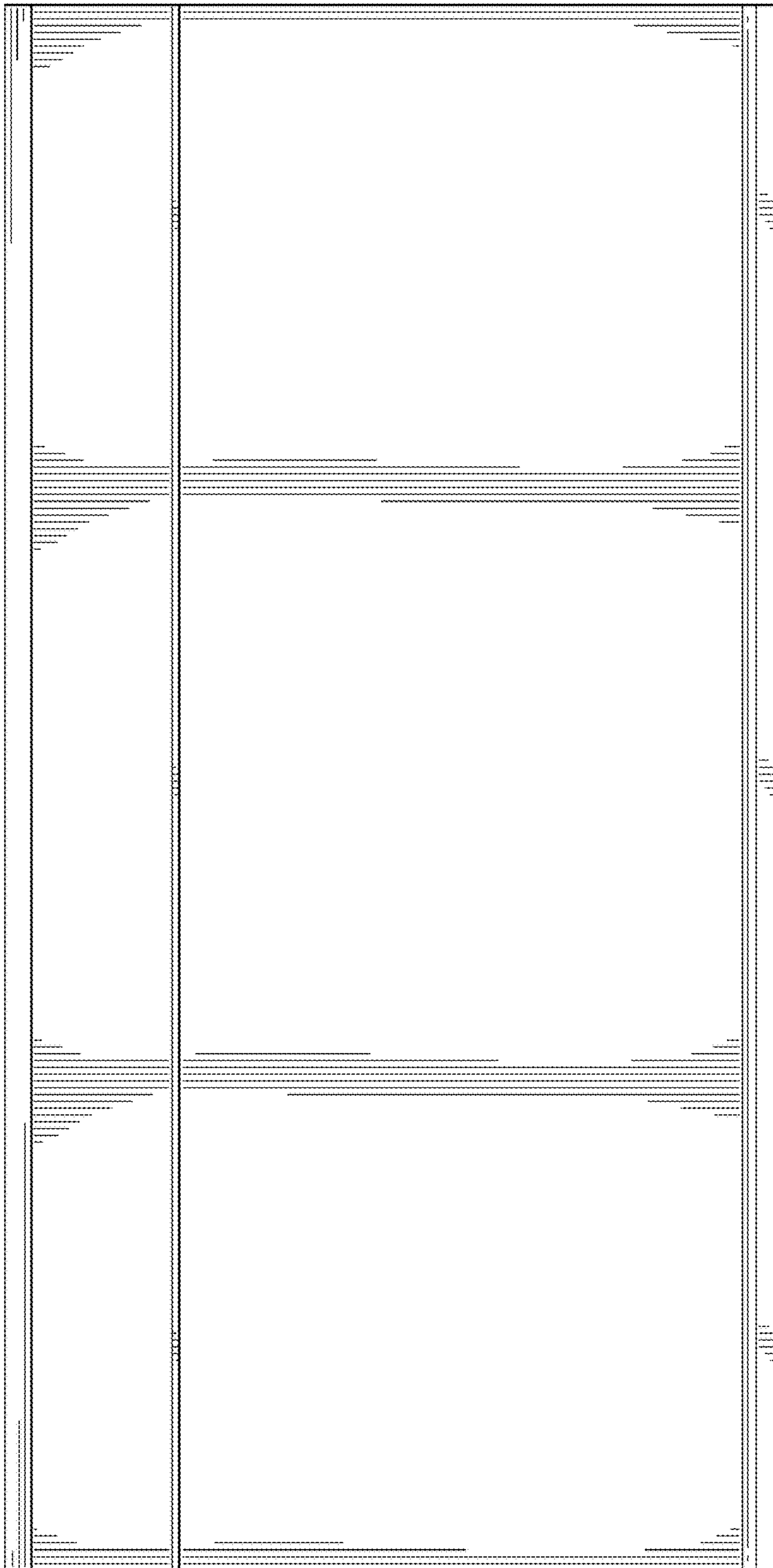


FIG. 33

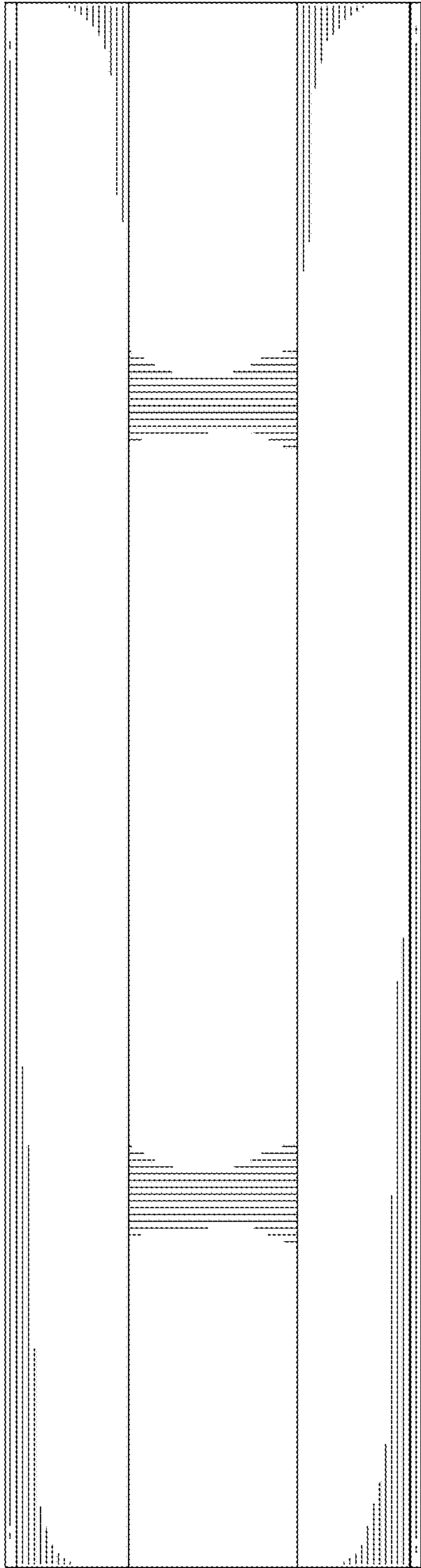


FIG. 34

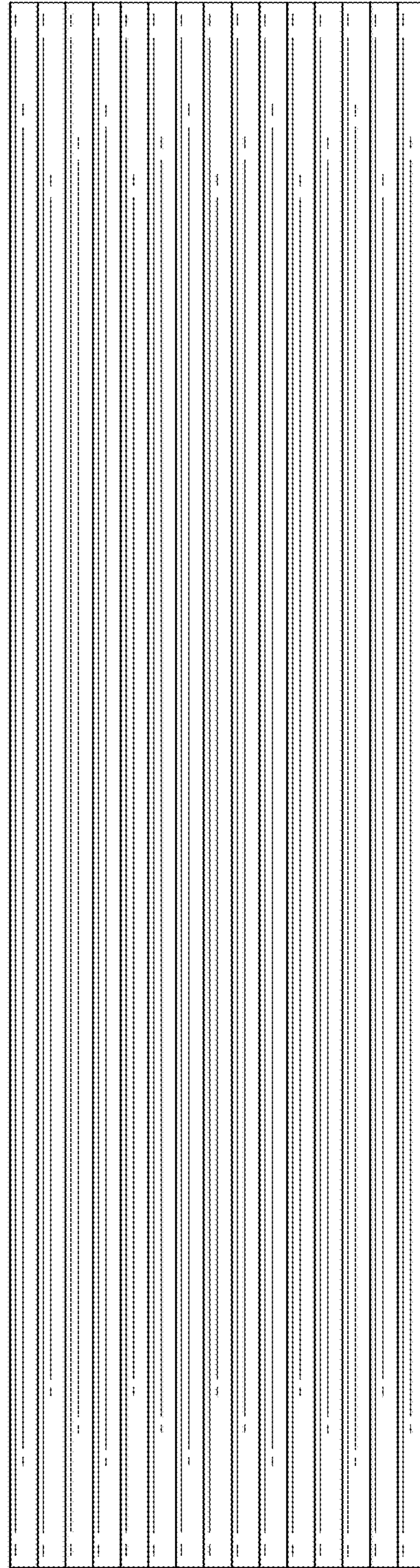


FIG. 35

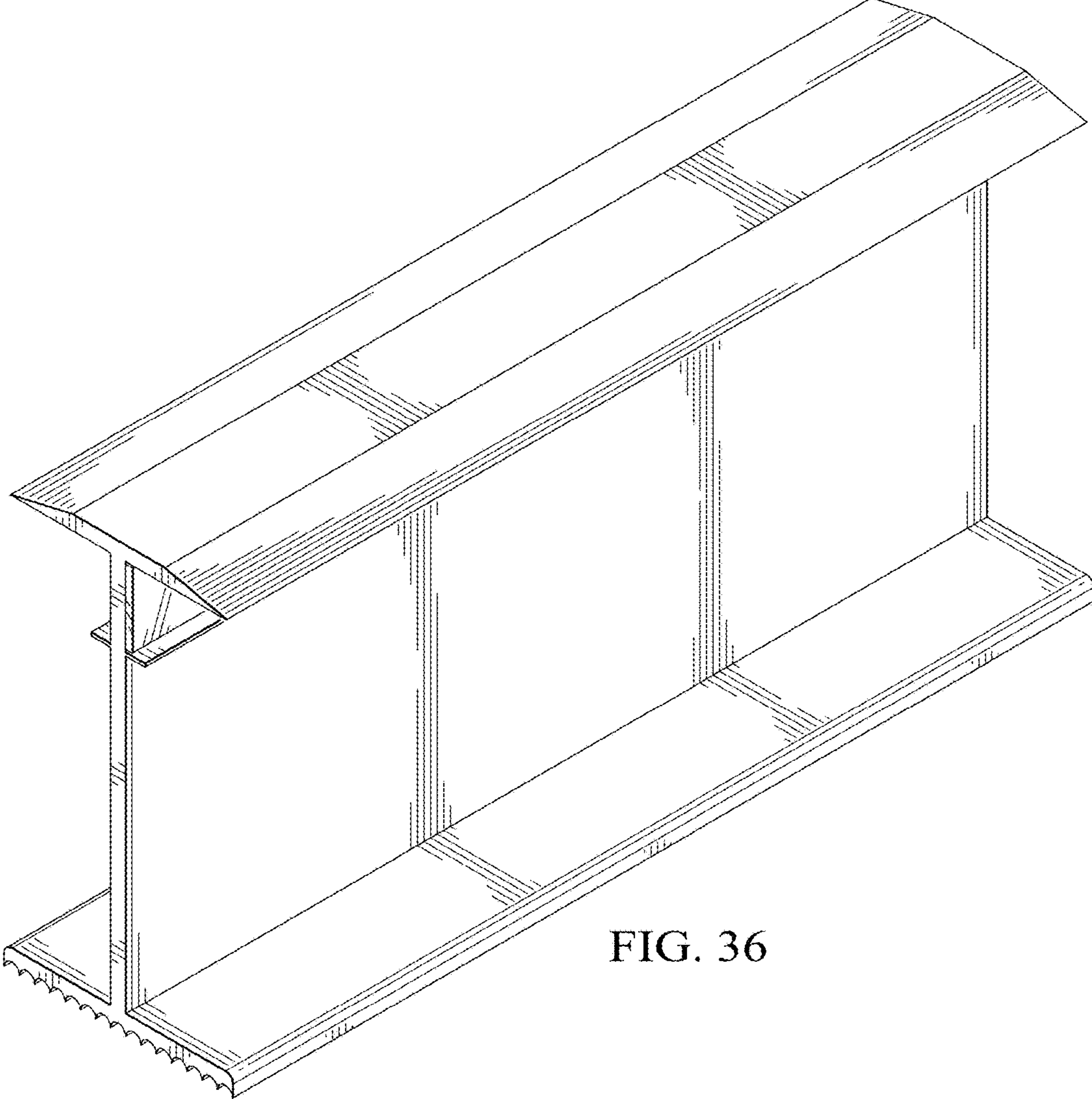


FIG. 36

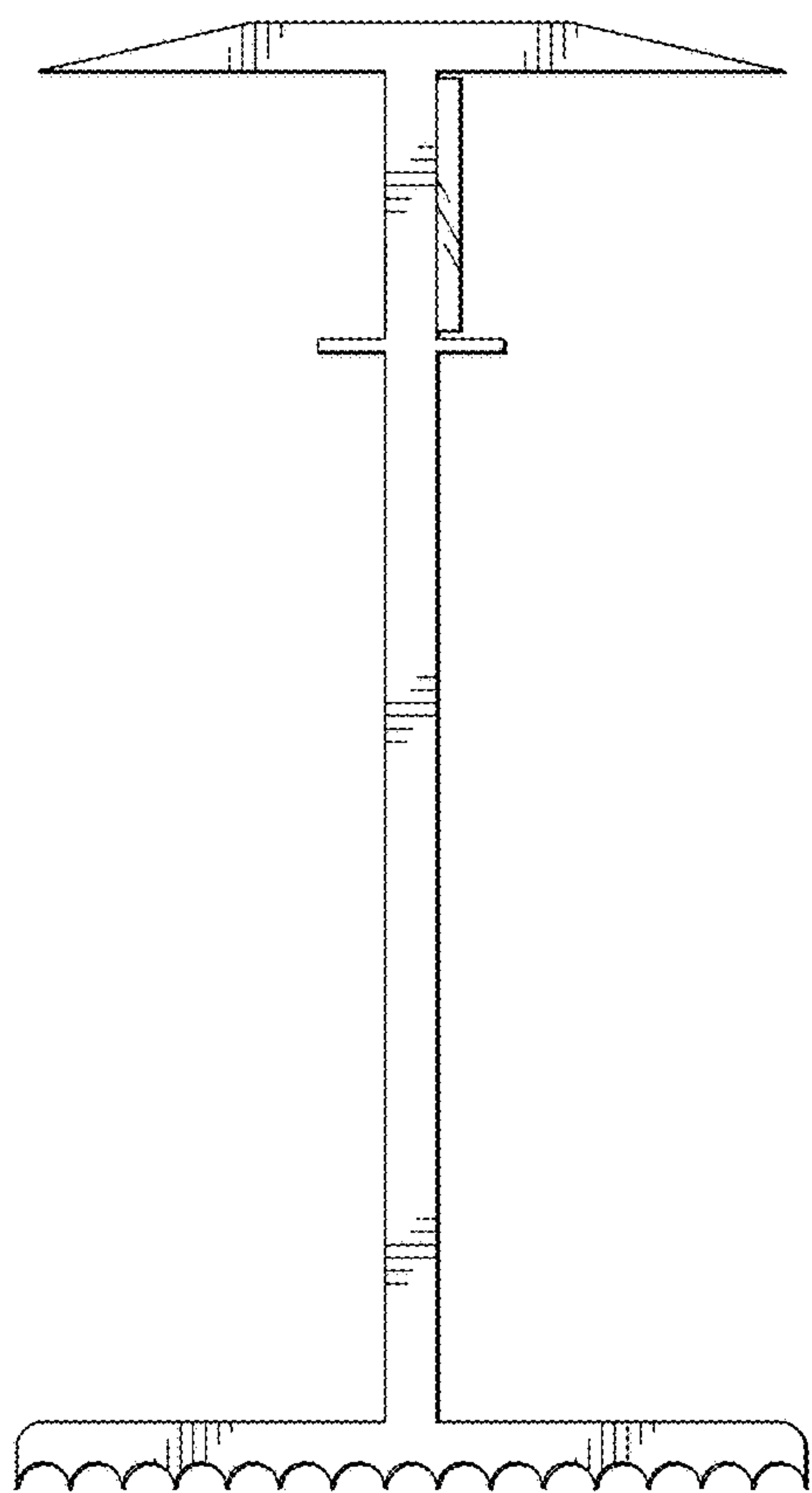


FIG. 37

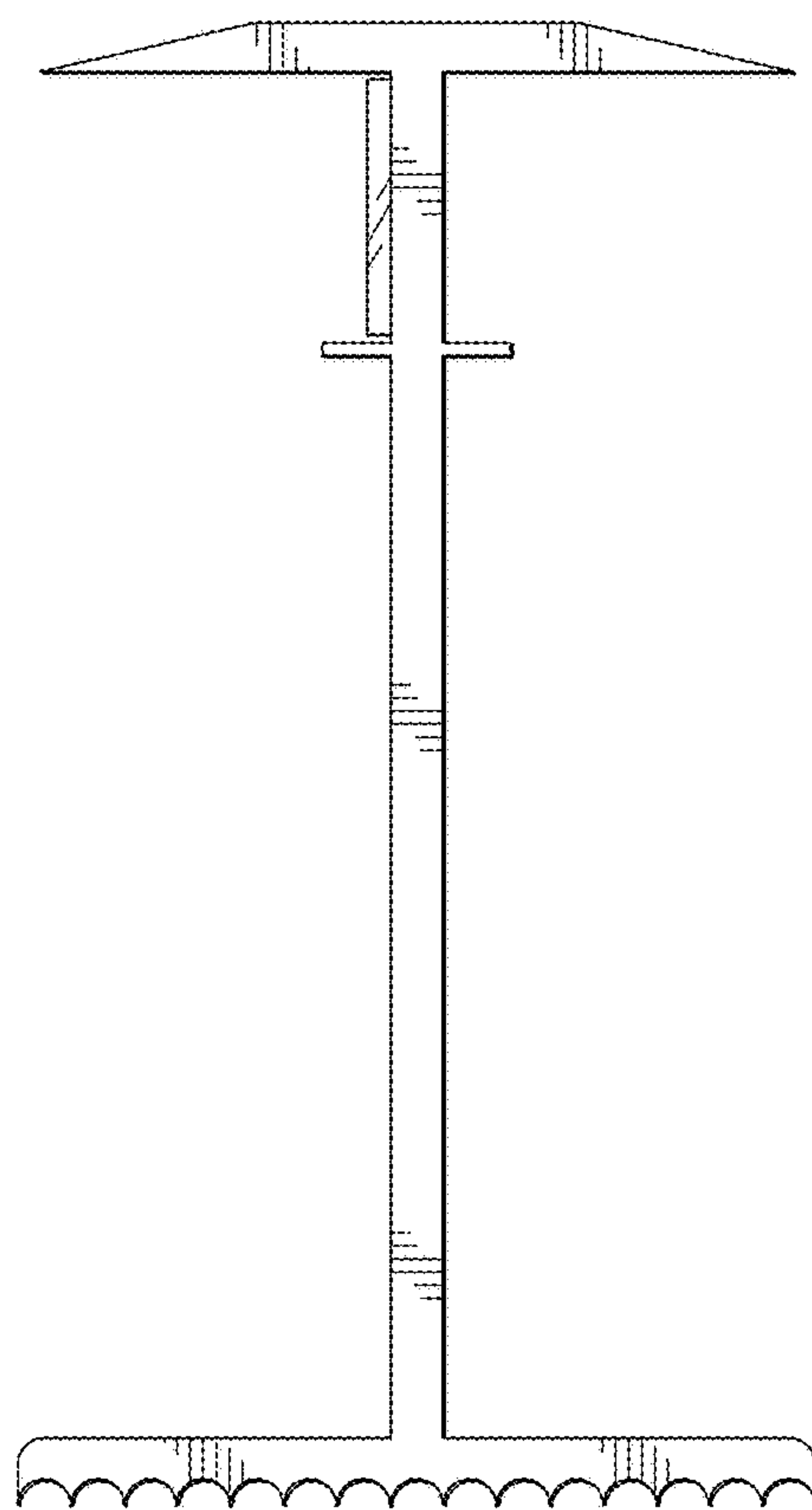


FIG. 38

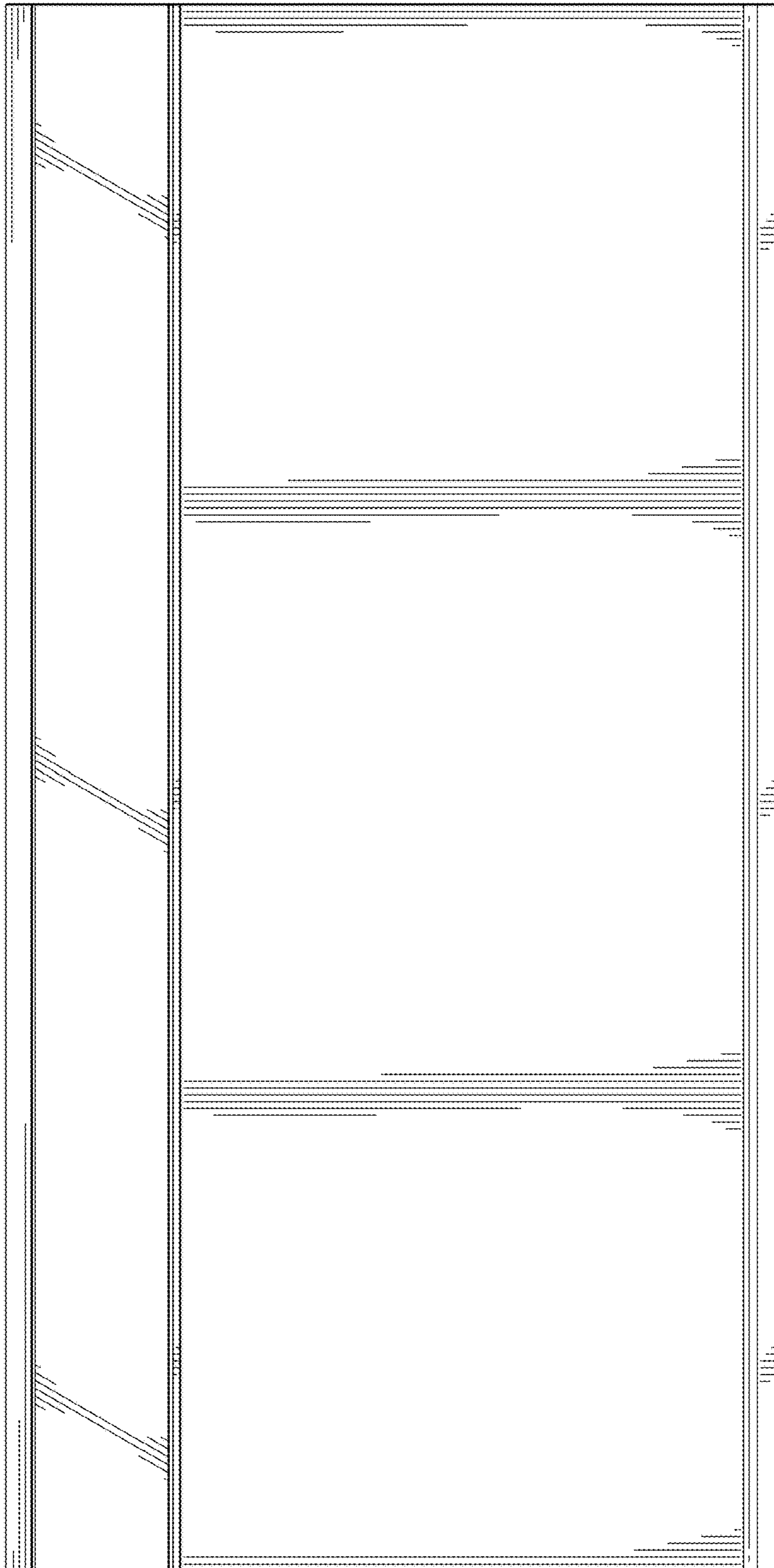


FIG. 39

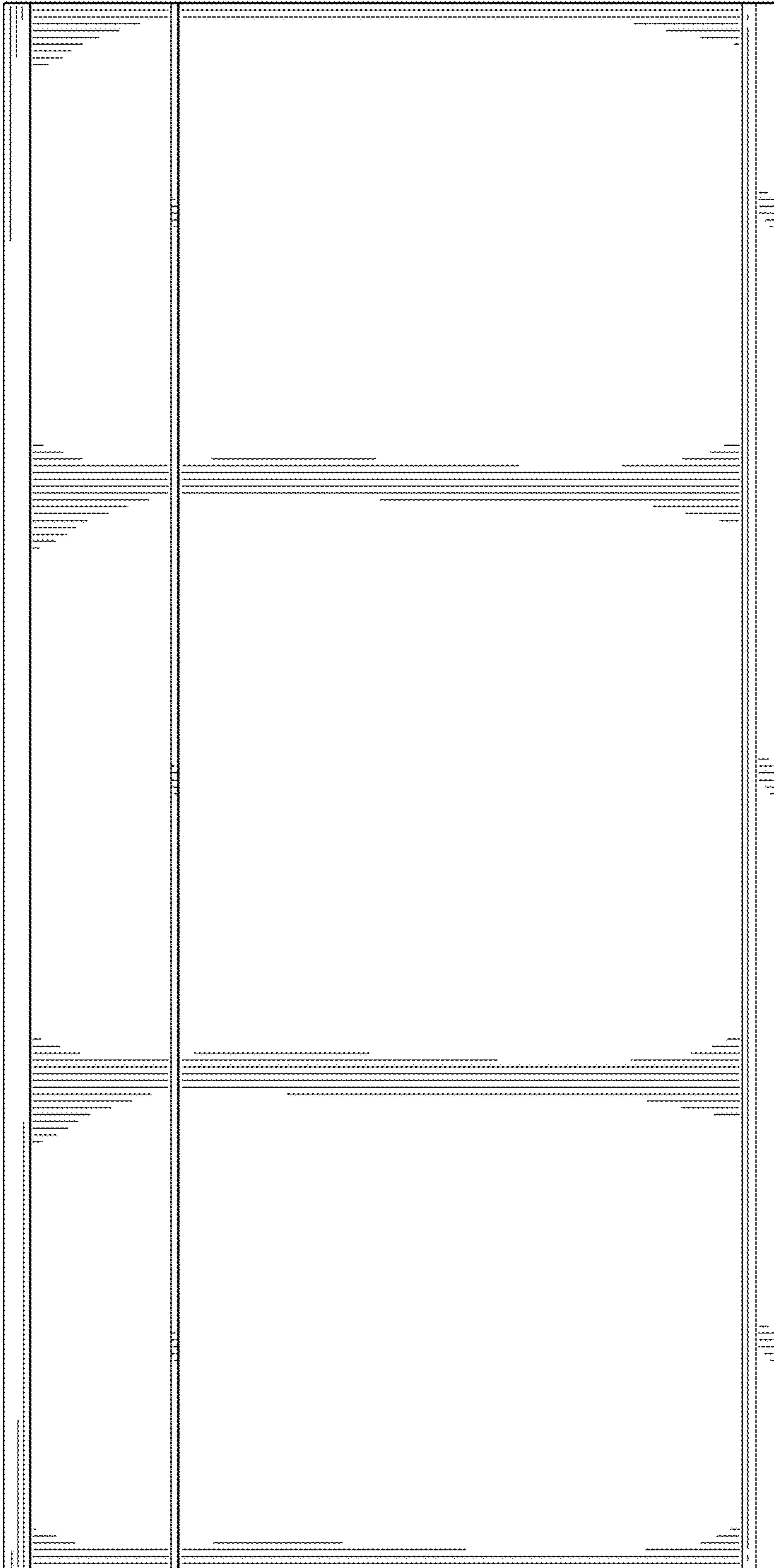


FIG. 40

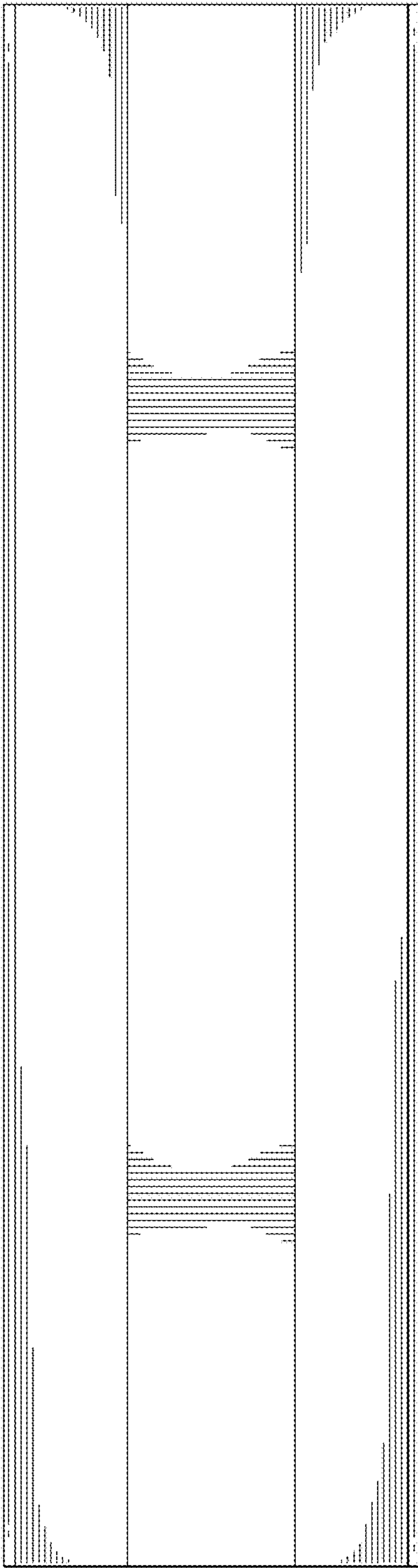


FIG. 41

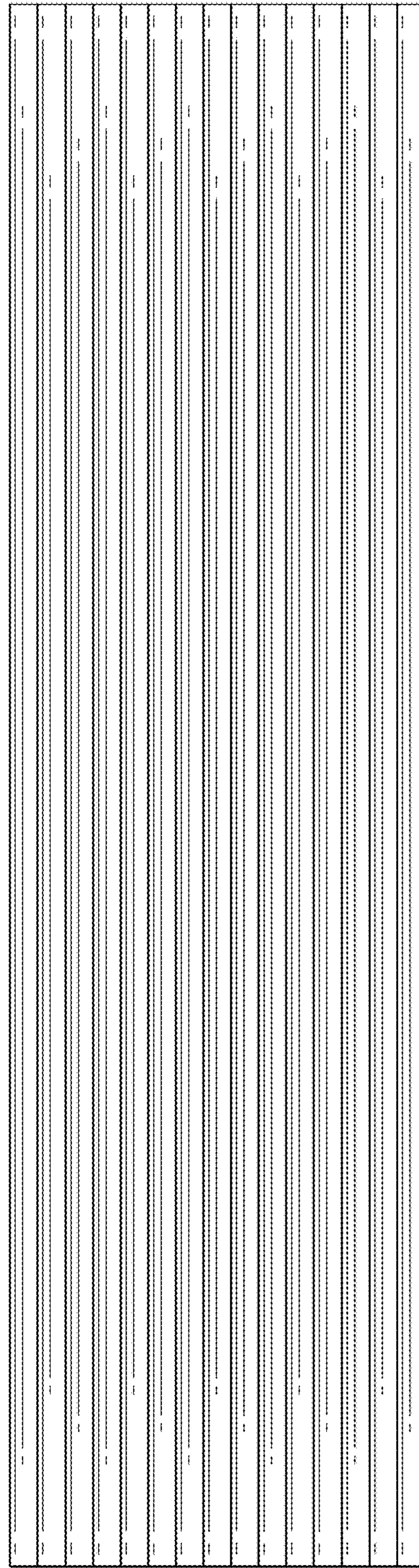


FIG. 42

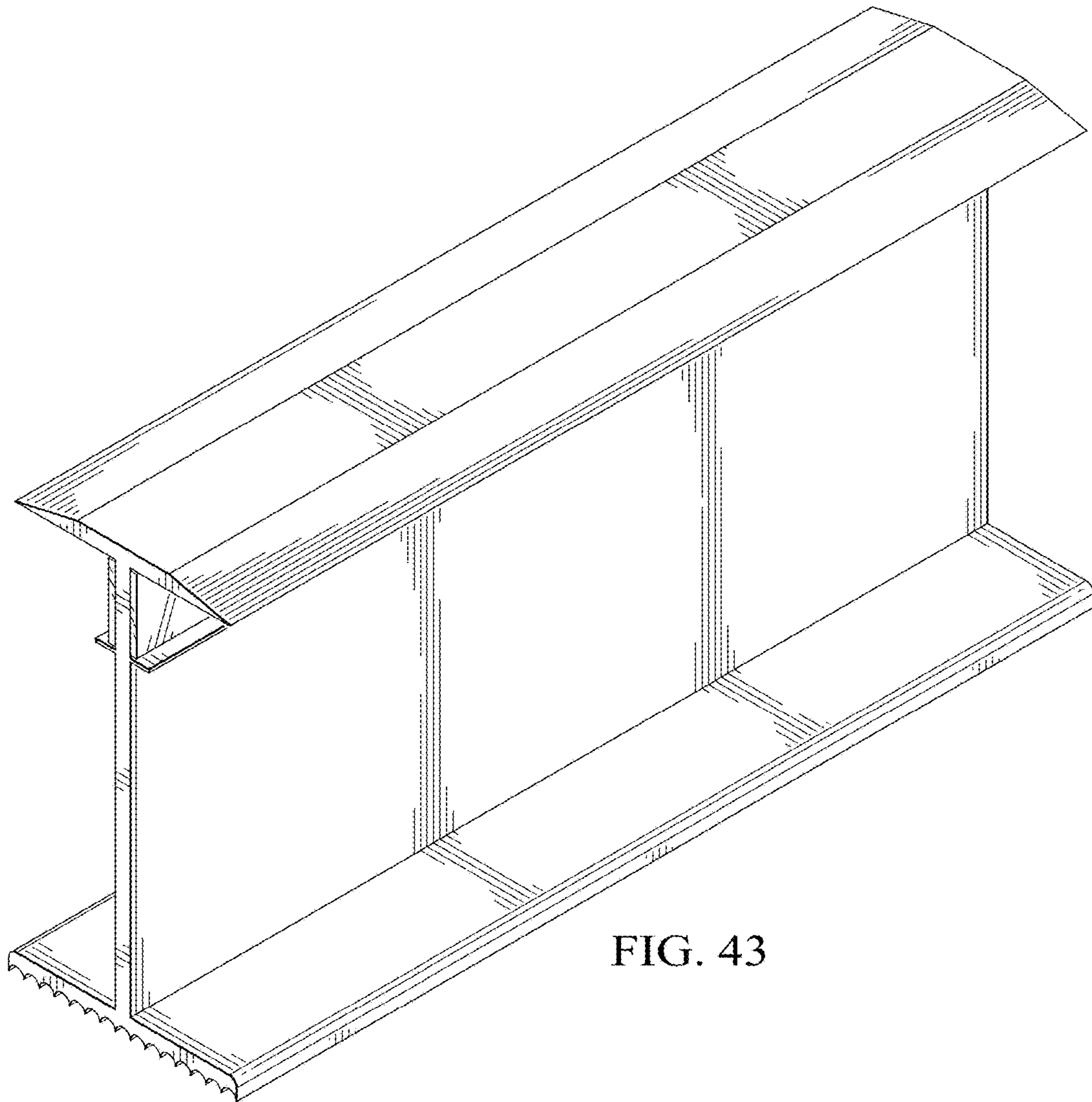


FIG. 43

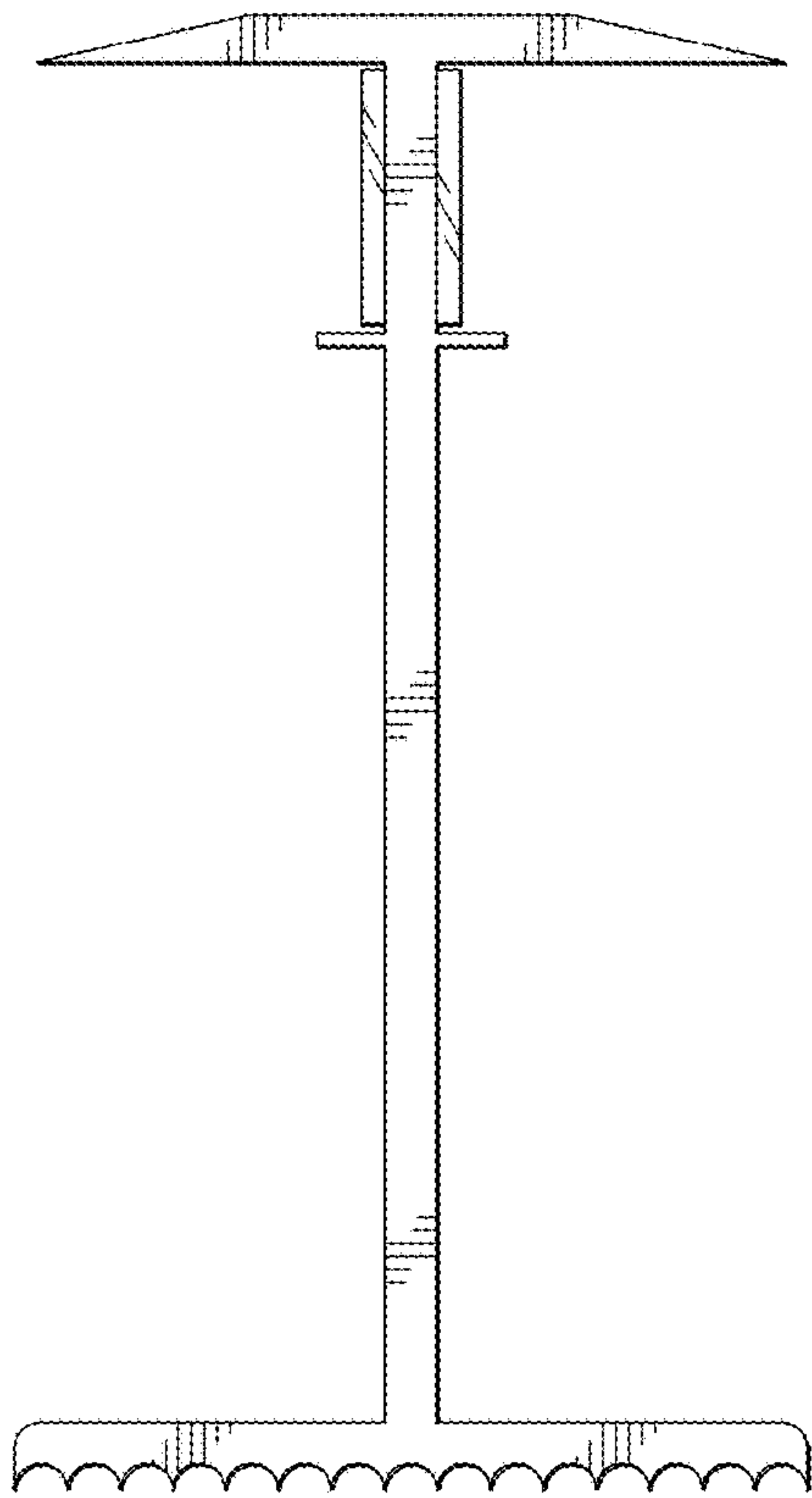


FIG. 44

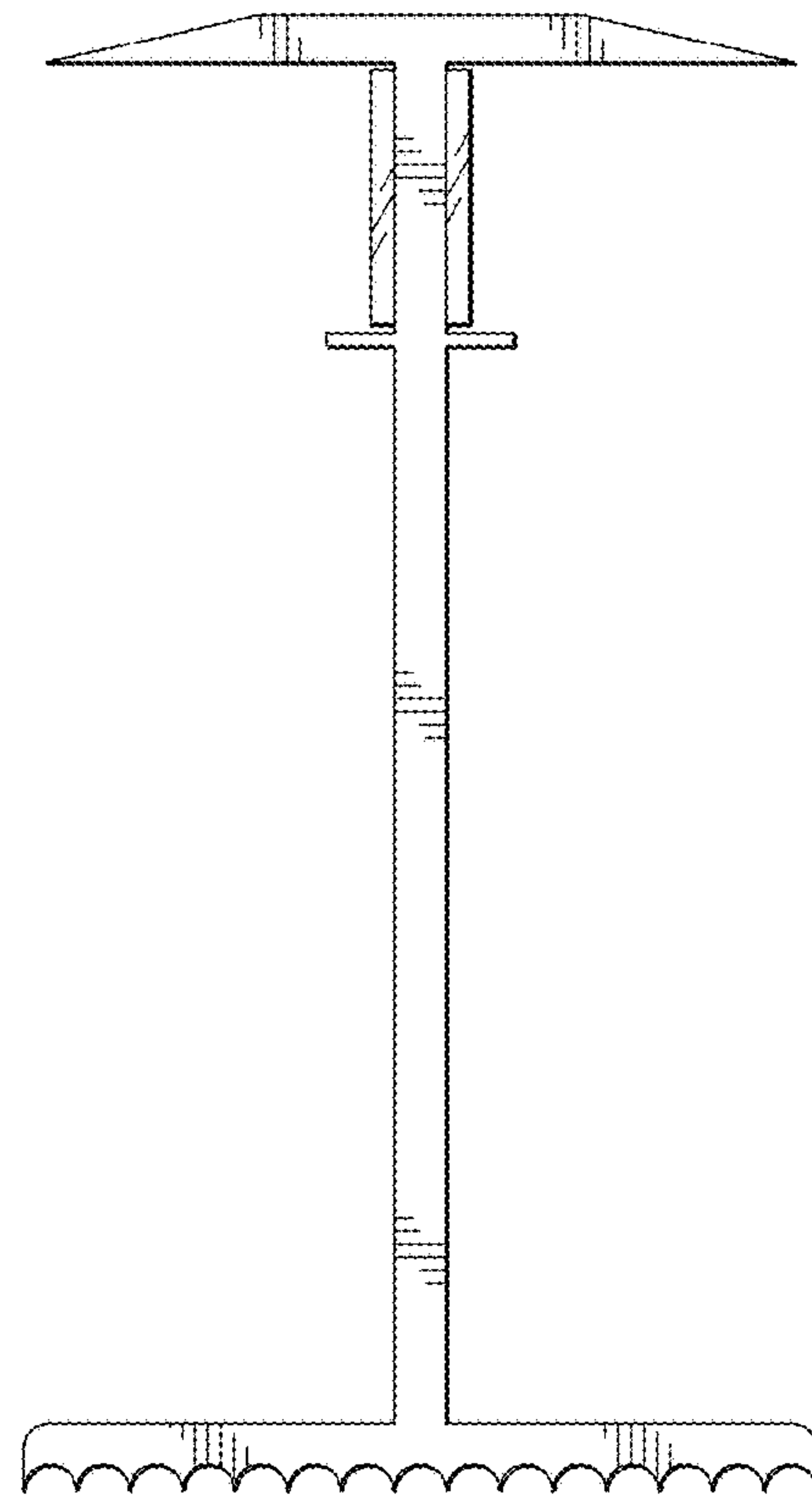


FIG. 45

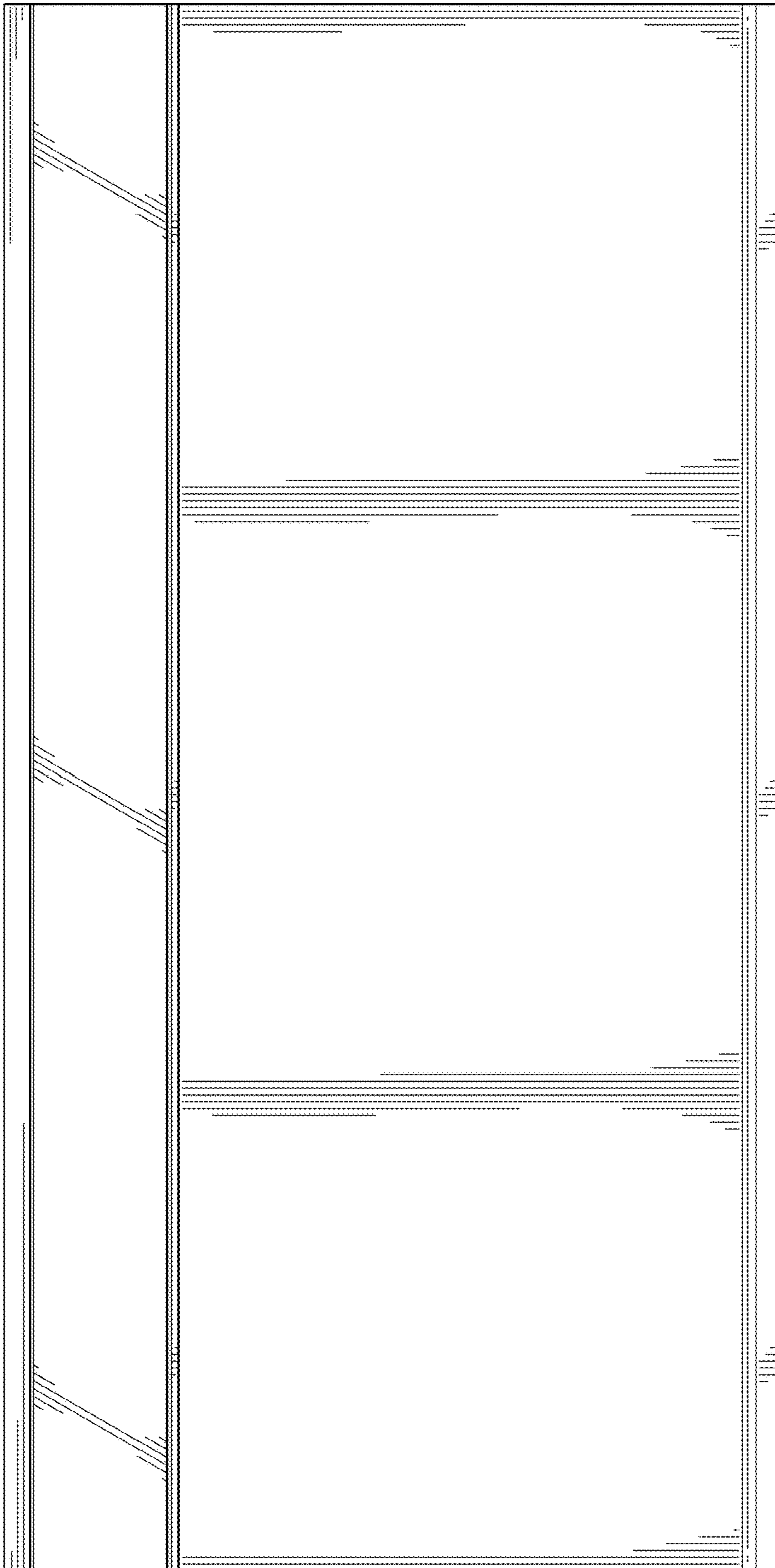


FIG. 46

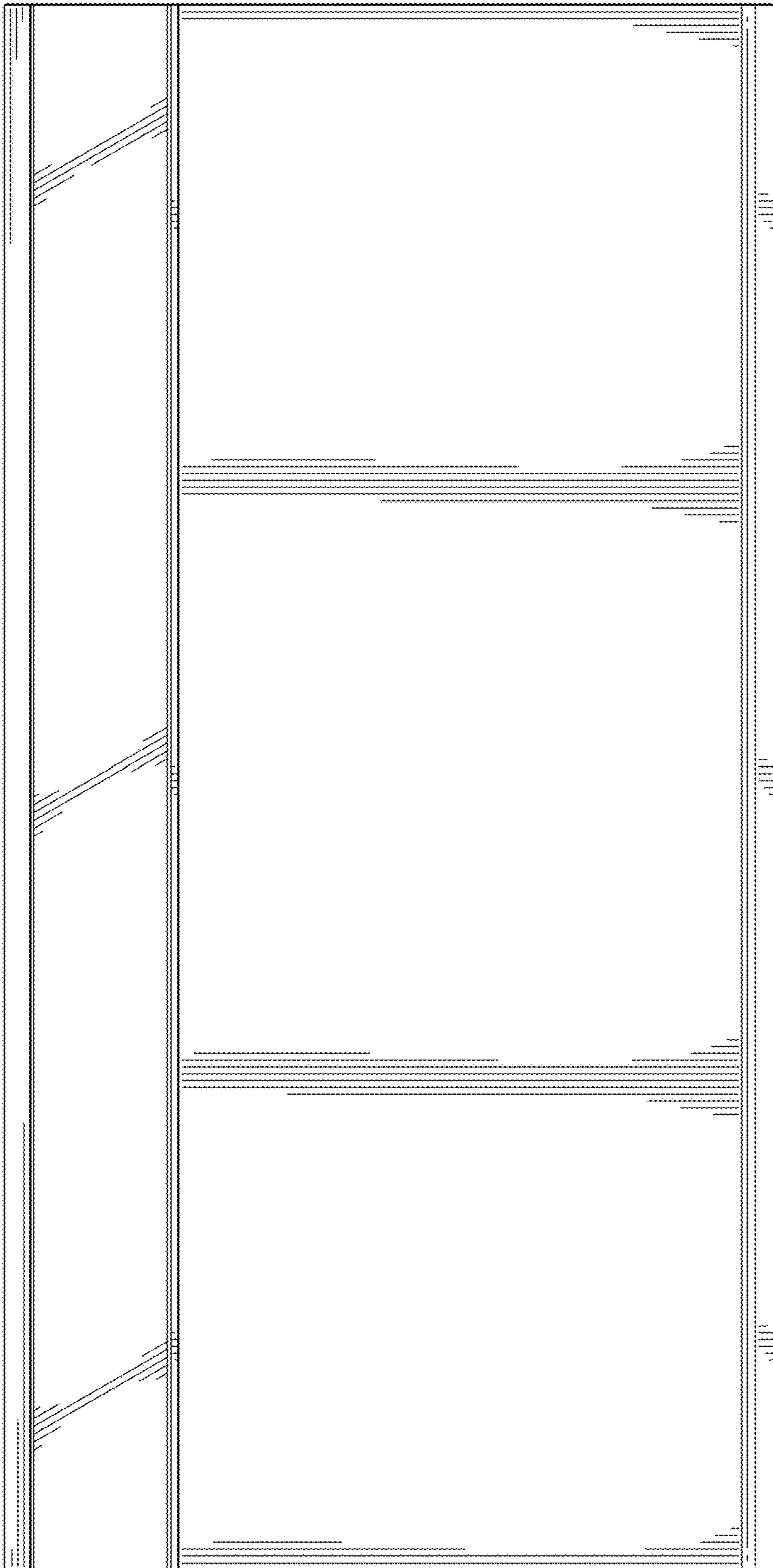


FIG. 47

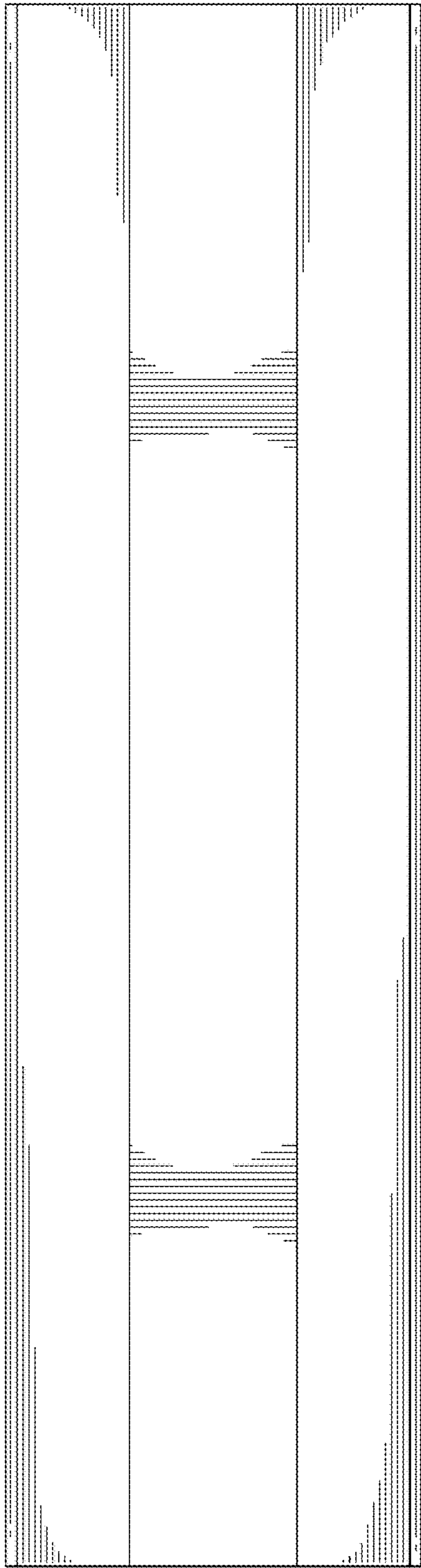


FIG. 48

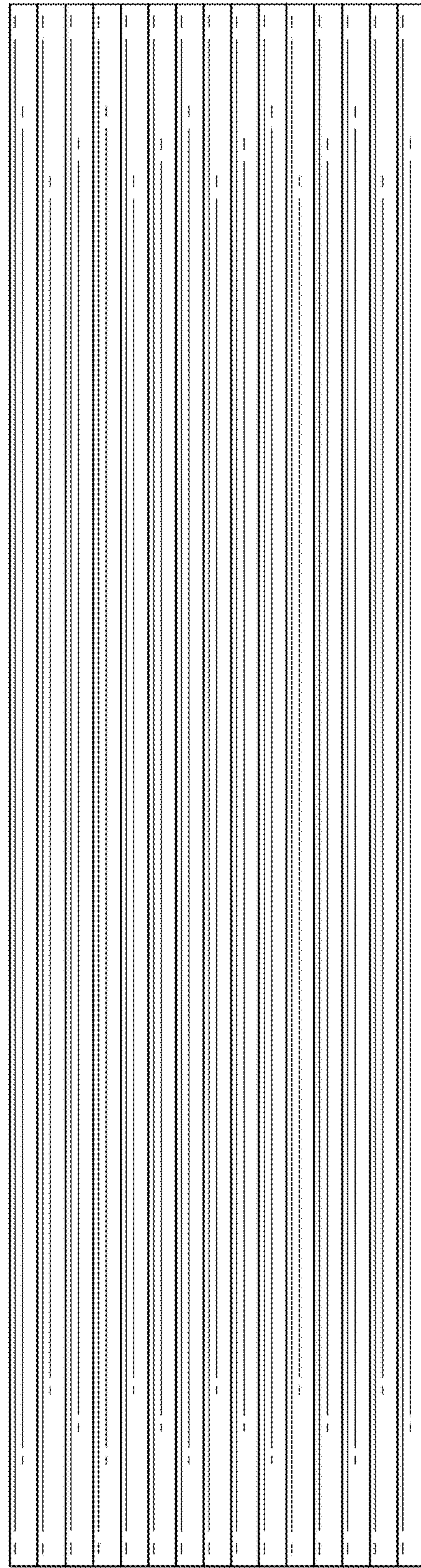


FIG. 49

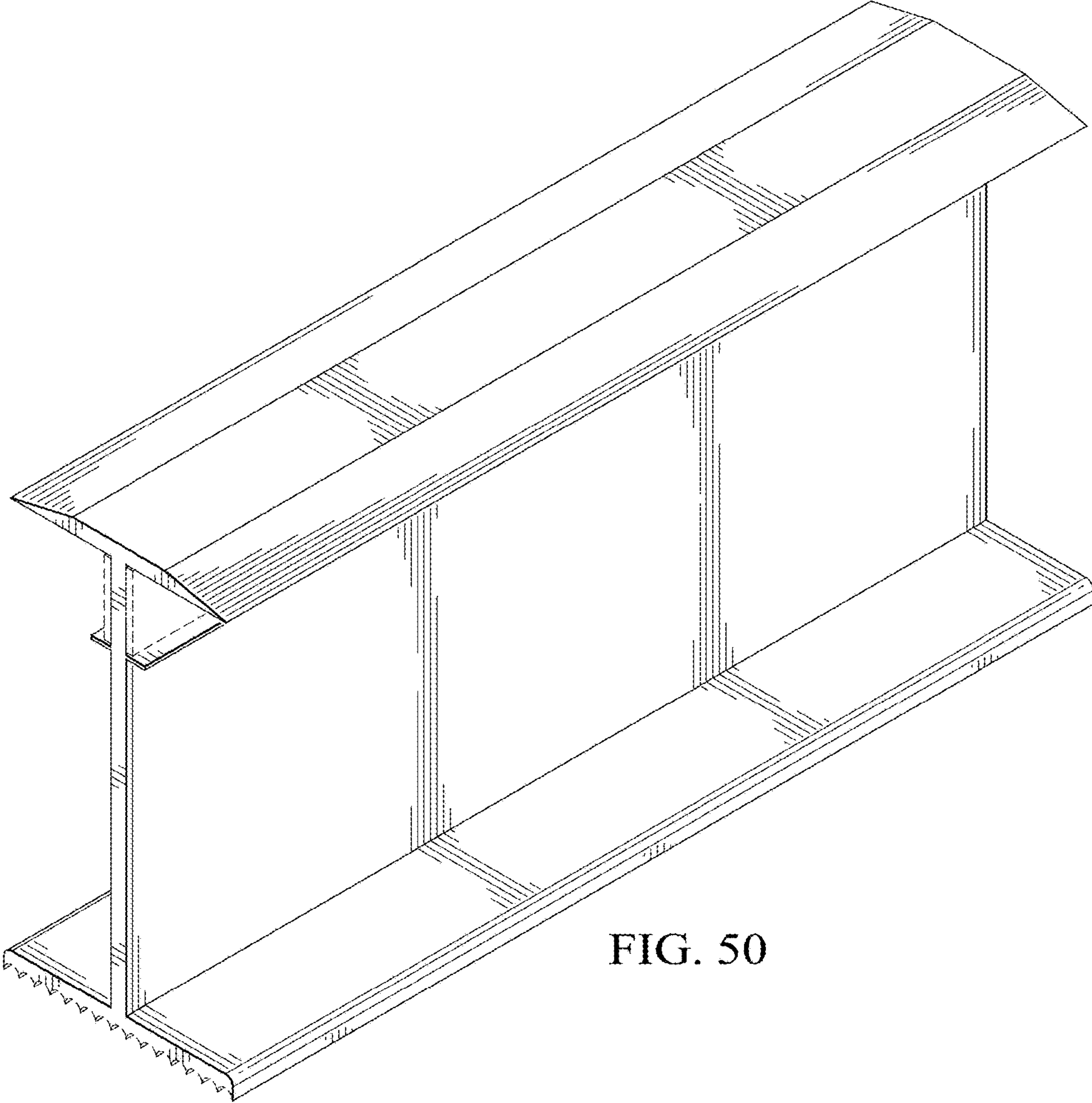


FIG. 50

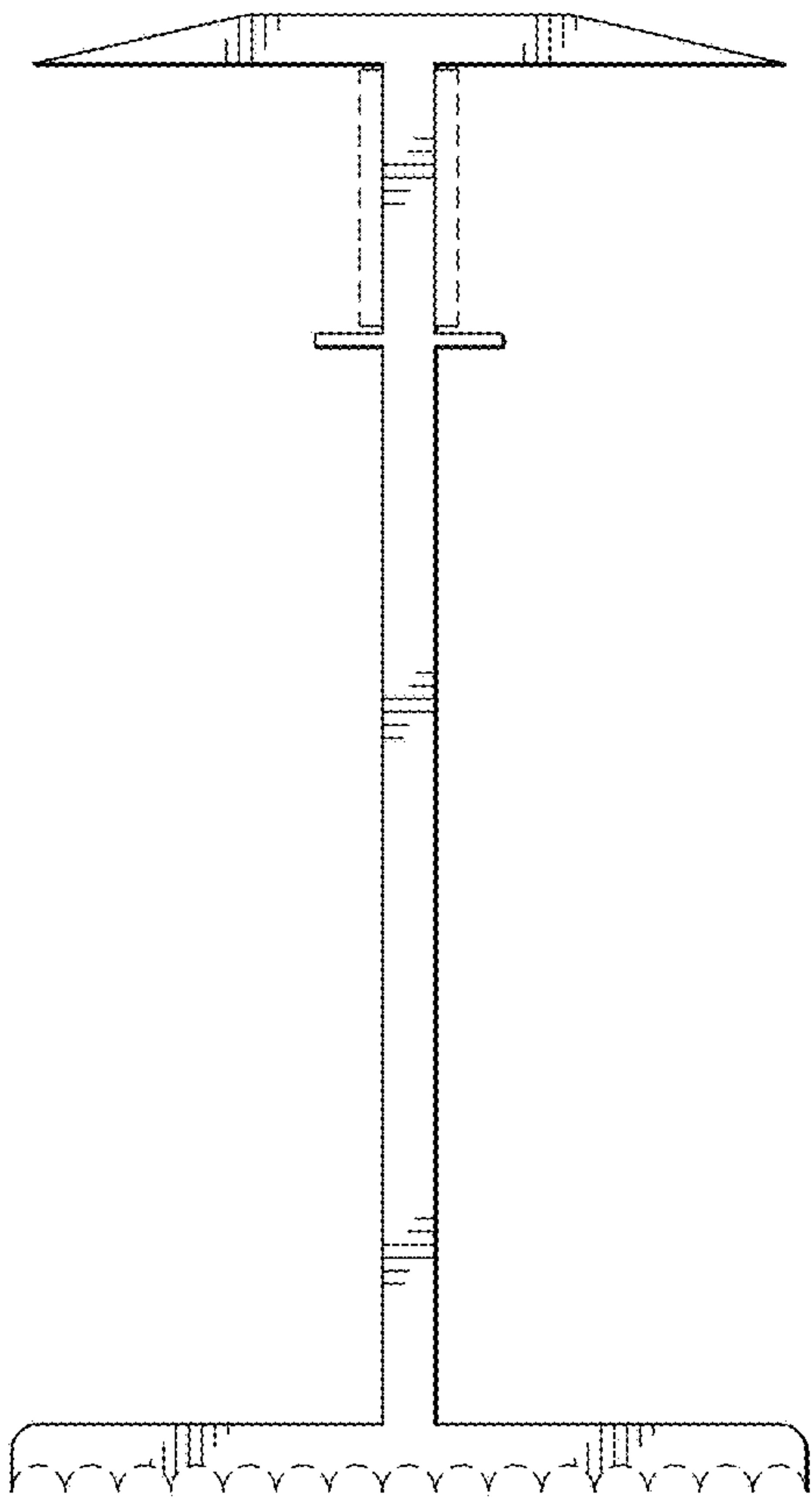


FIG. 51

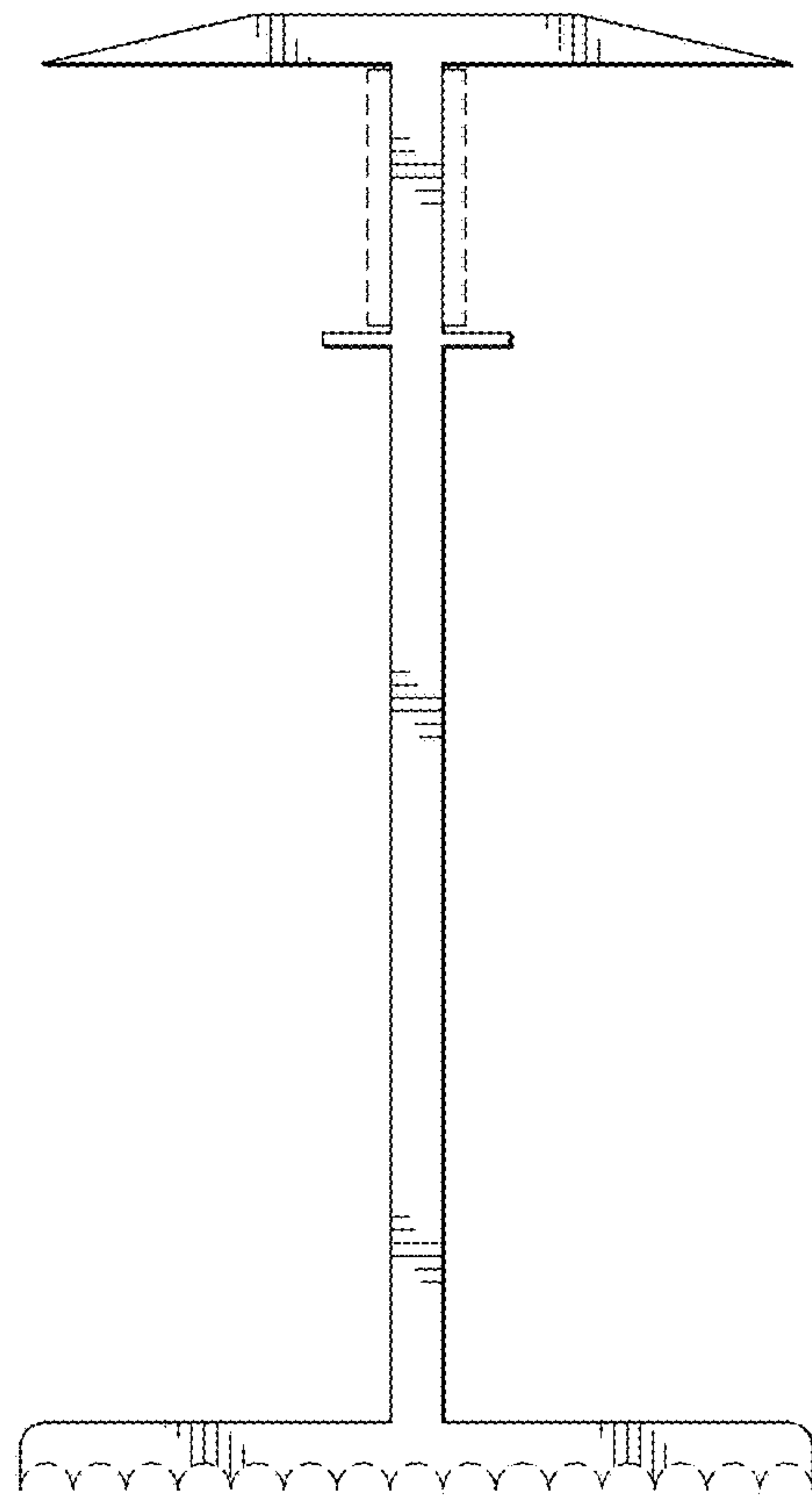


FIG. 52

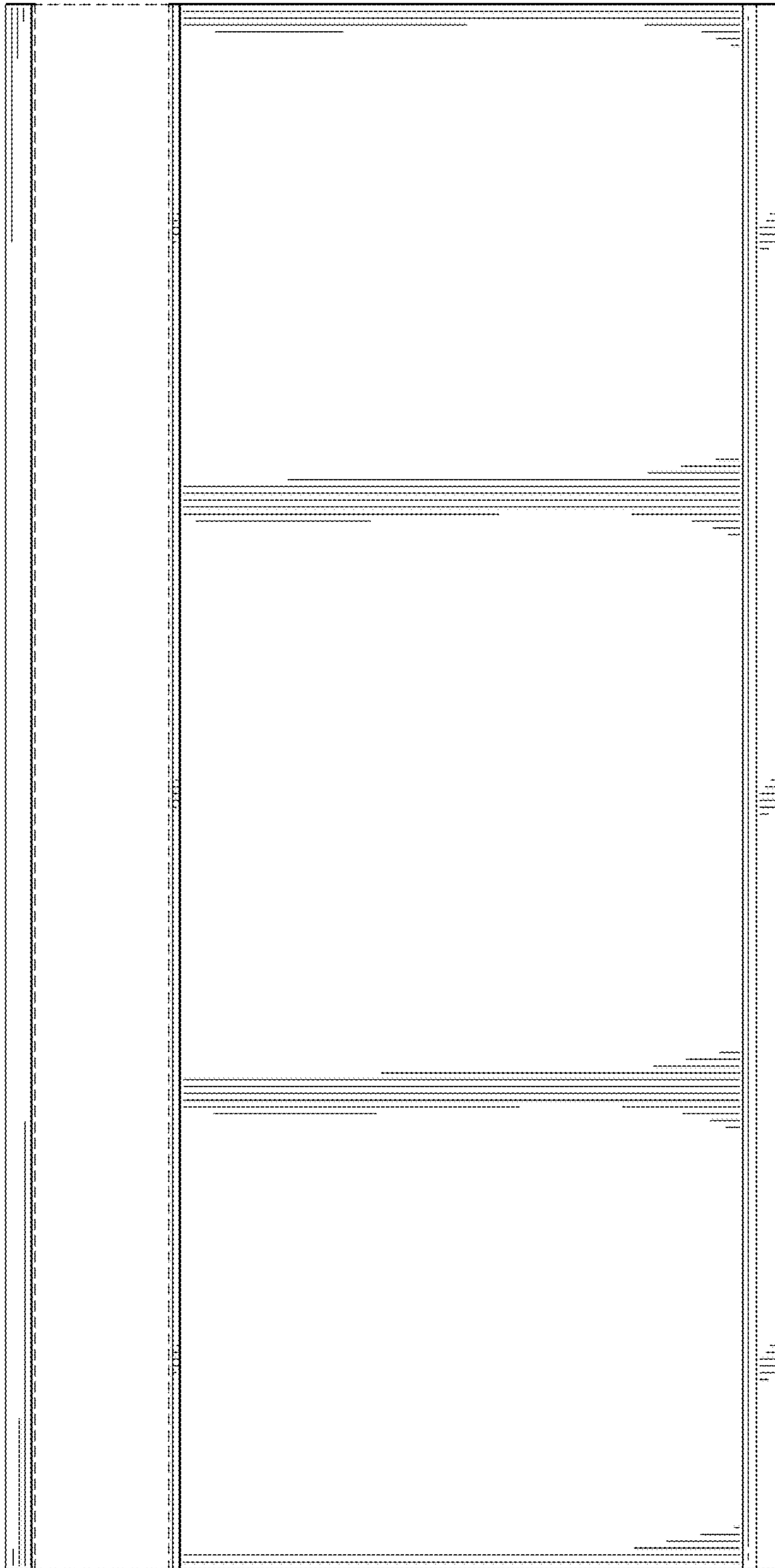


FIG. 53

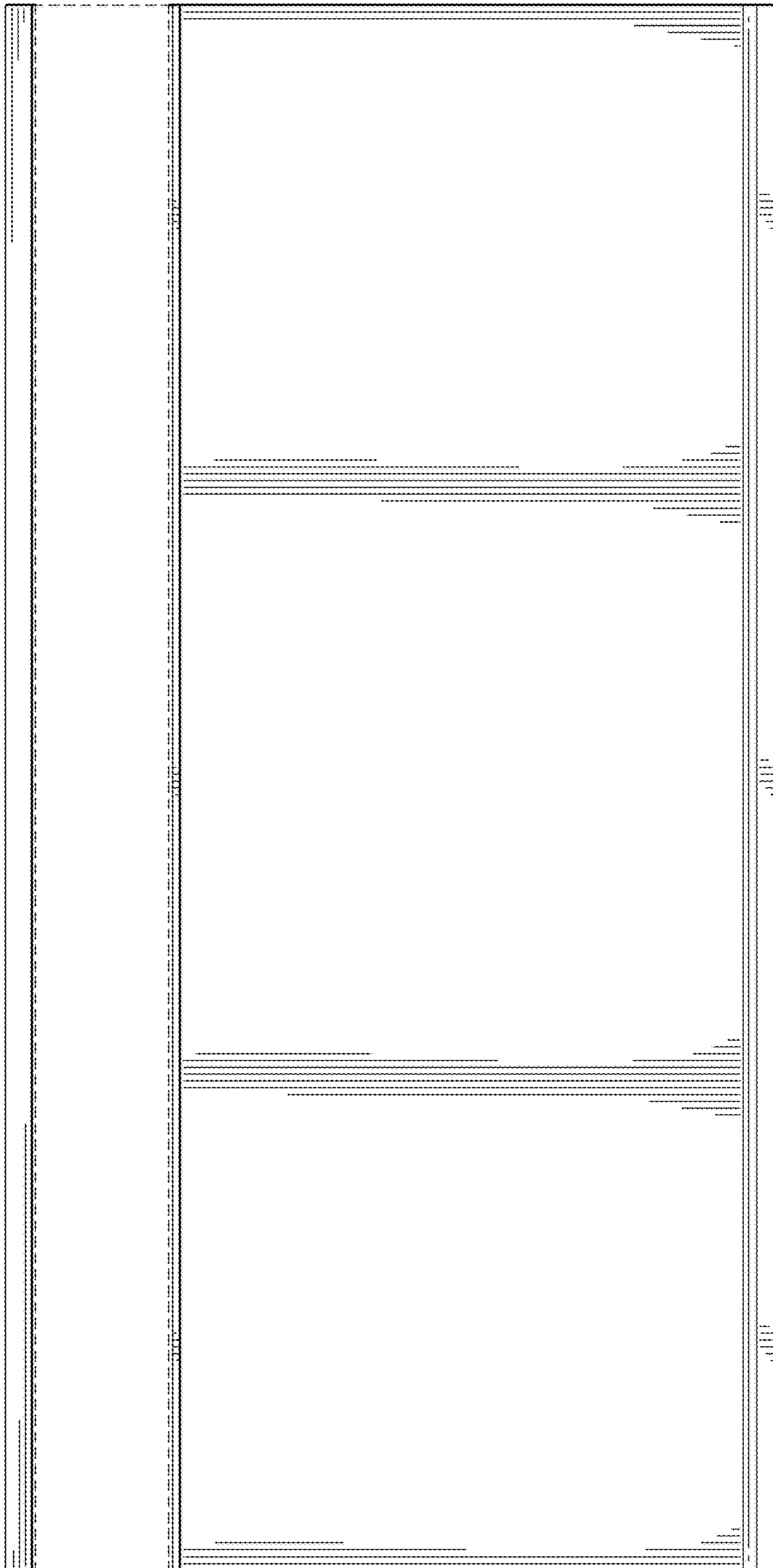


FIG. 54

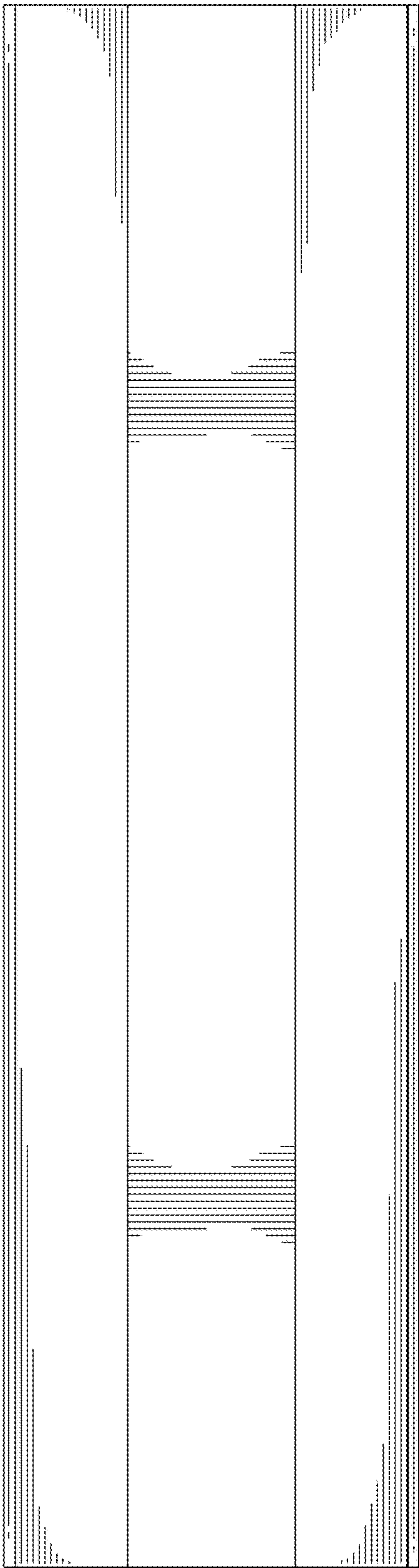


FIG. 55

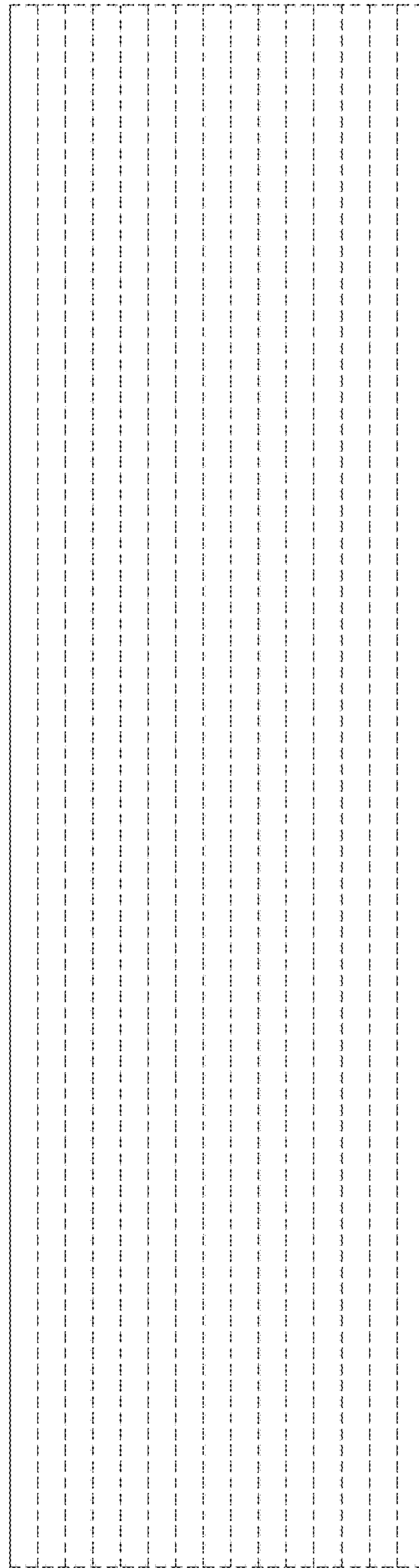


FIG. 56

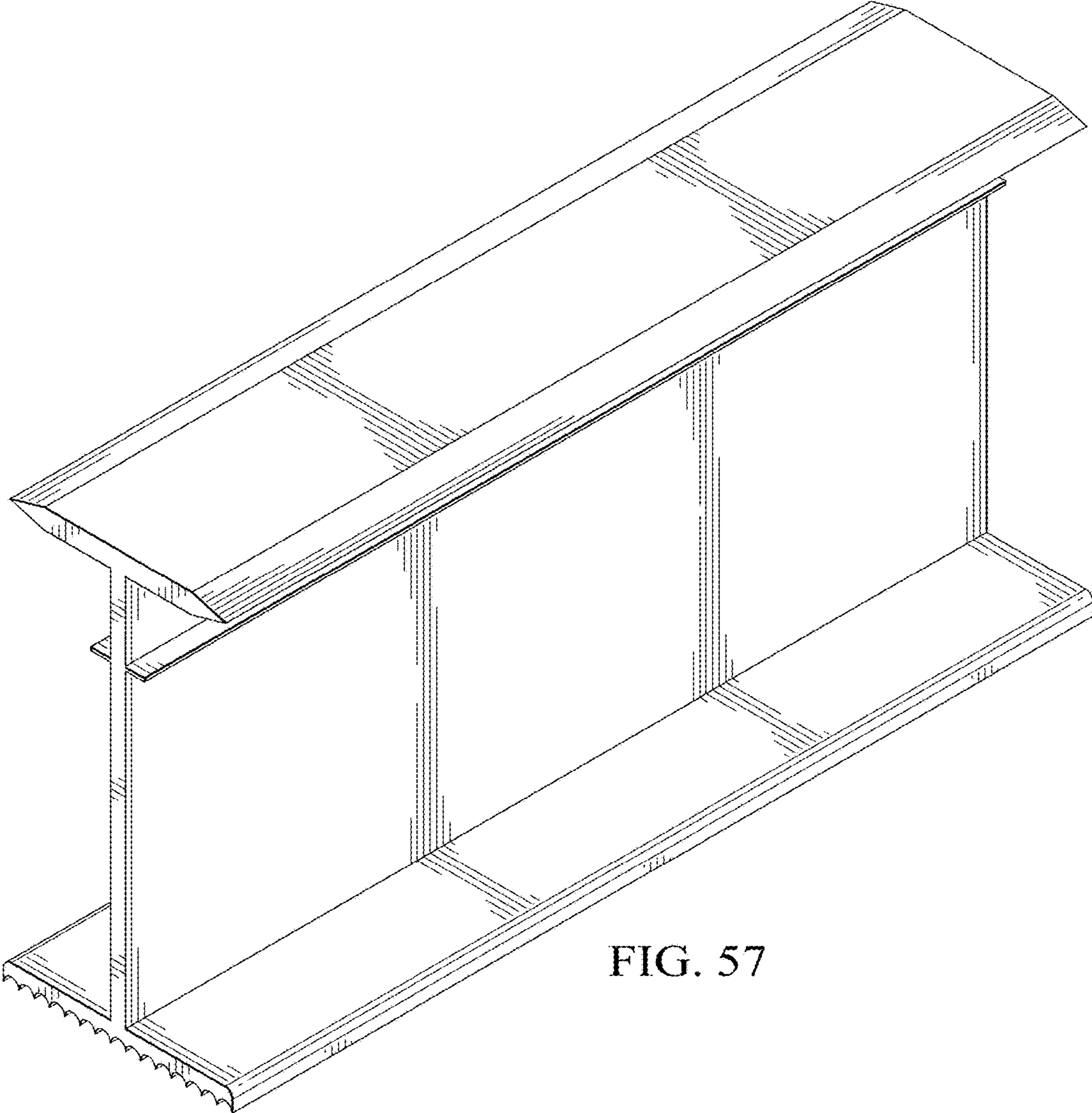


FIG. 57

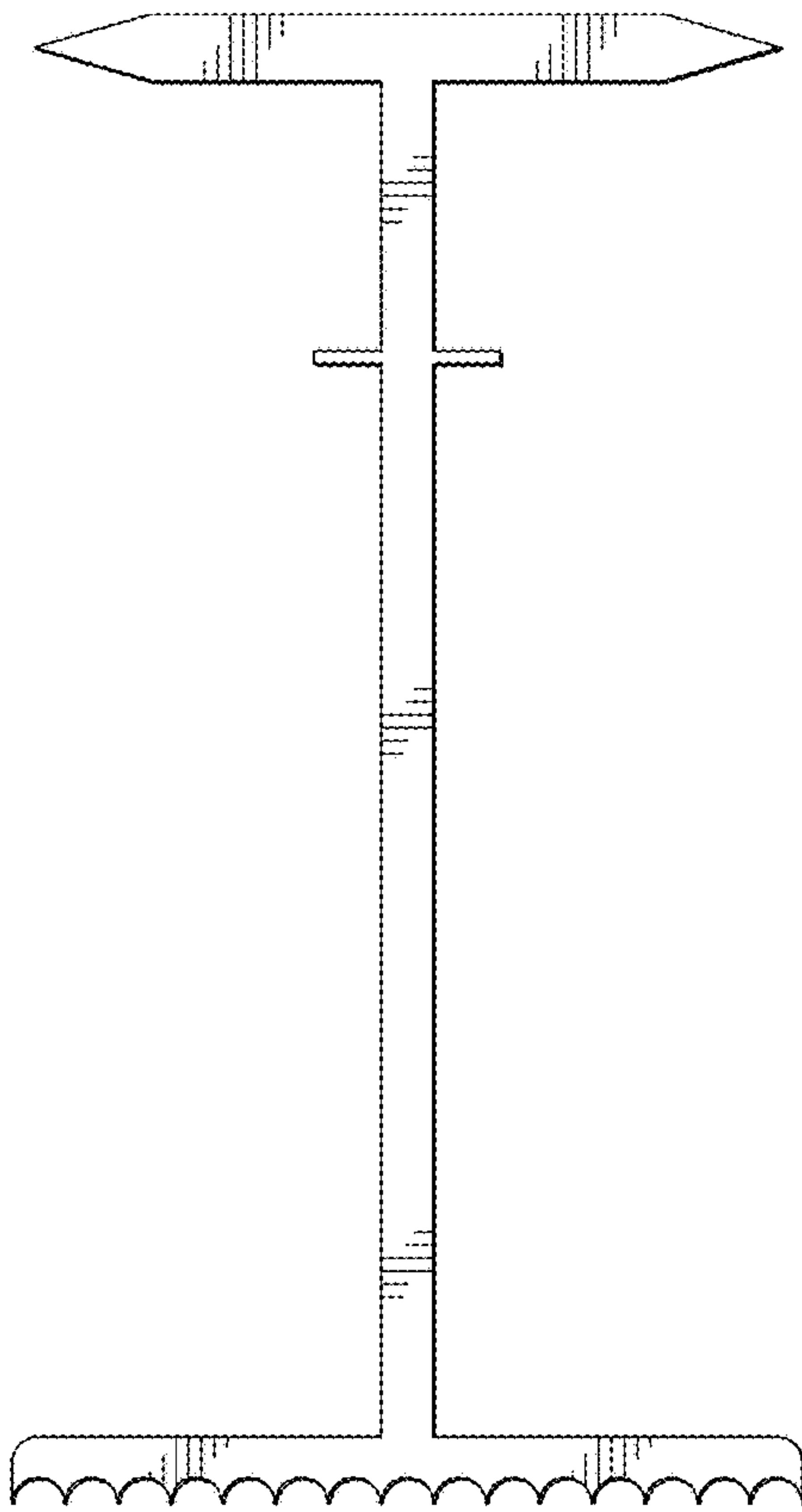


FIG. 58

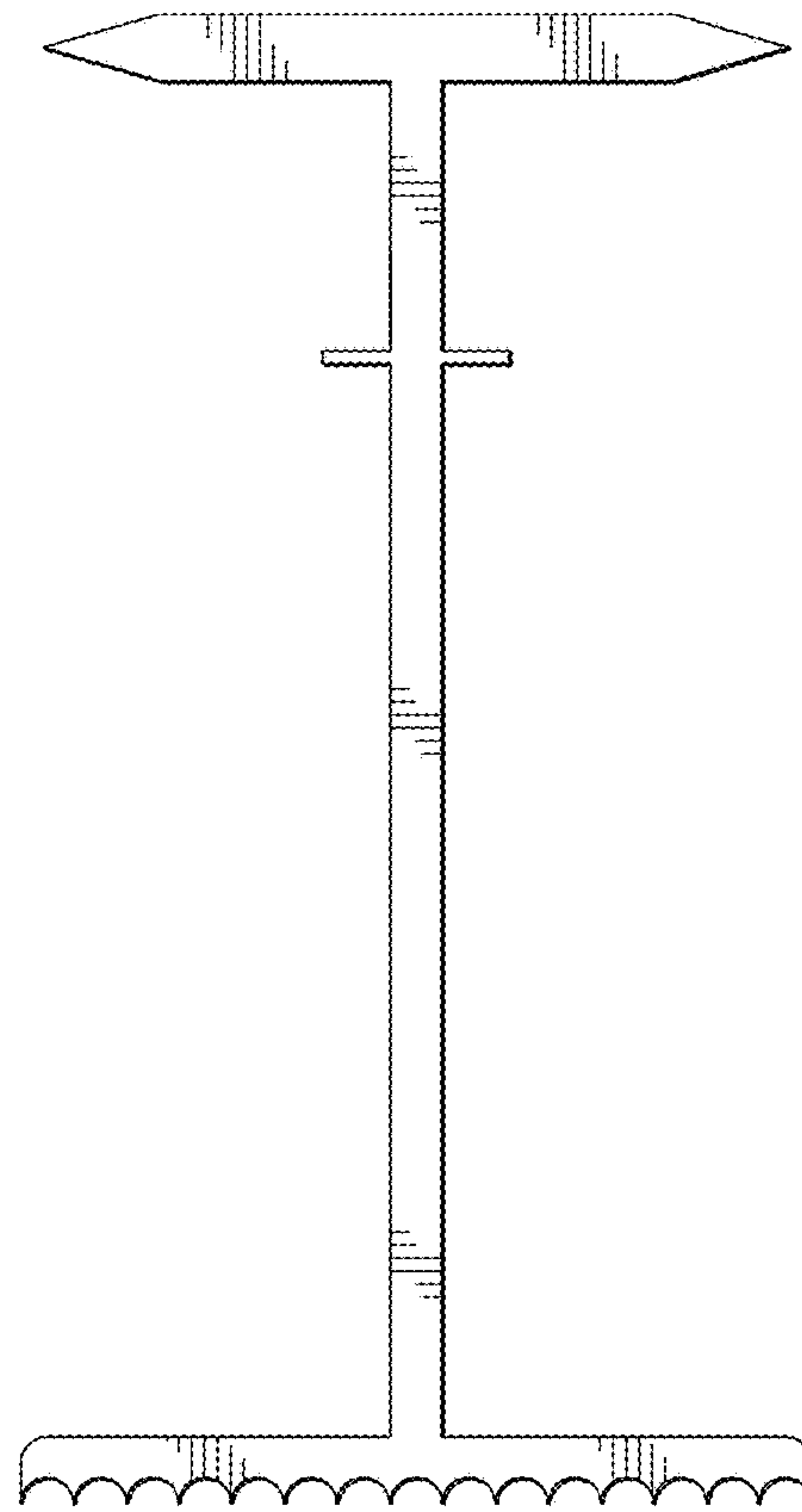


FIG. 59

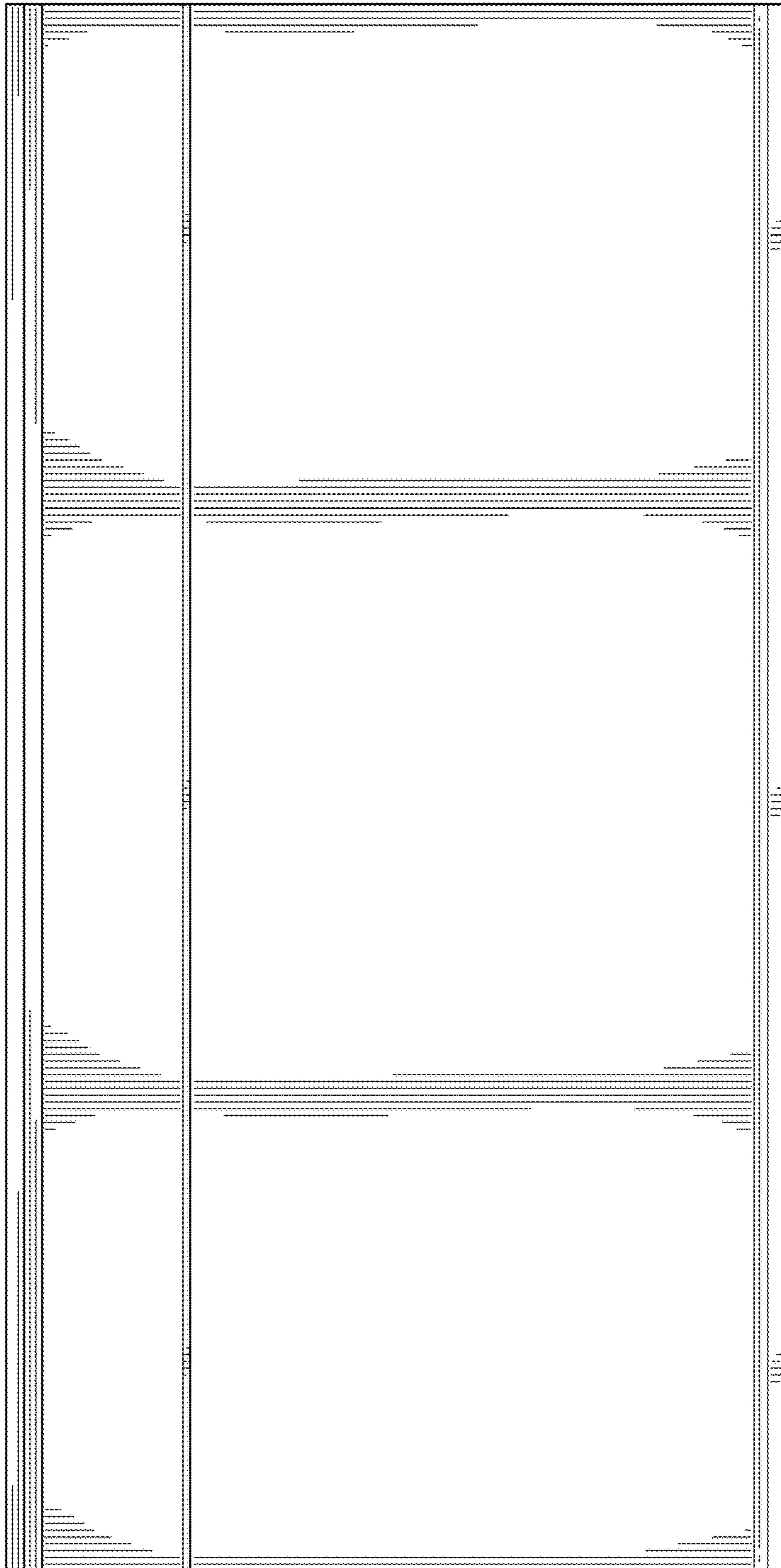


FIG. 60

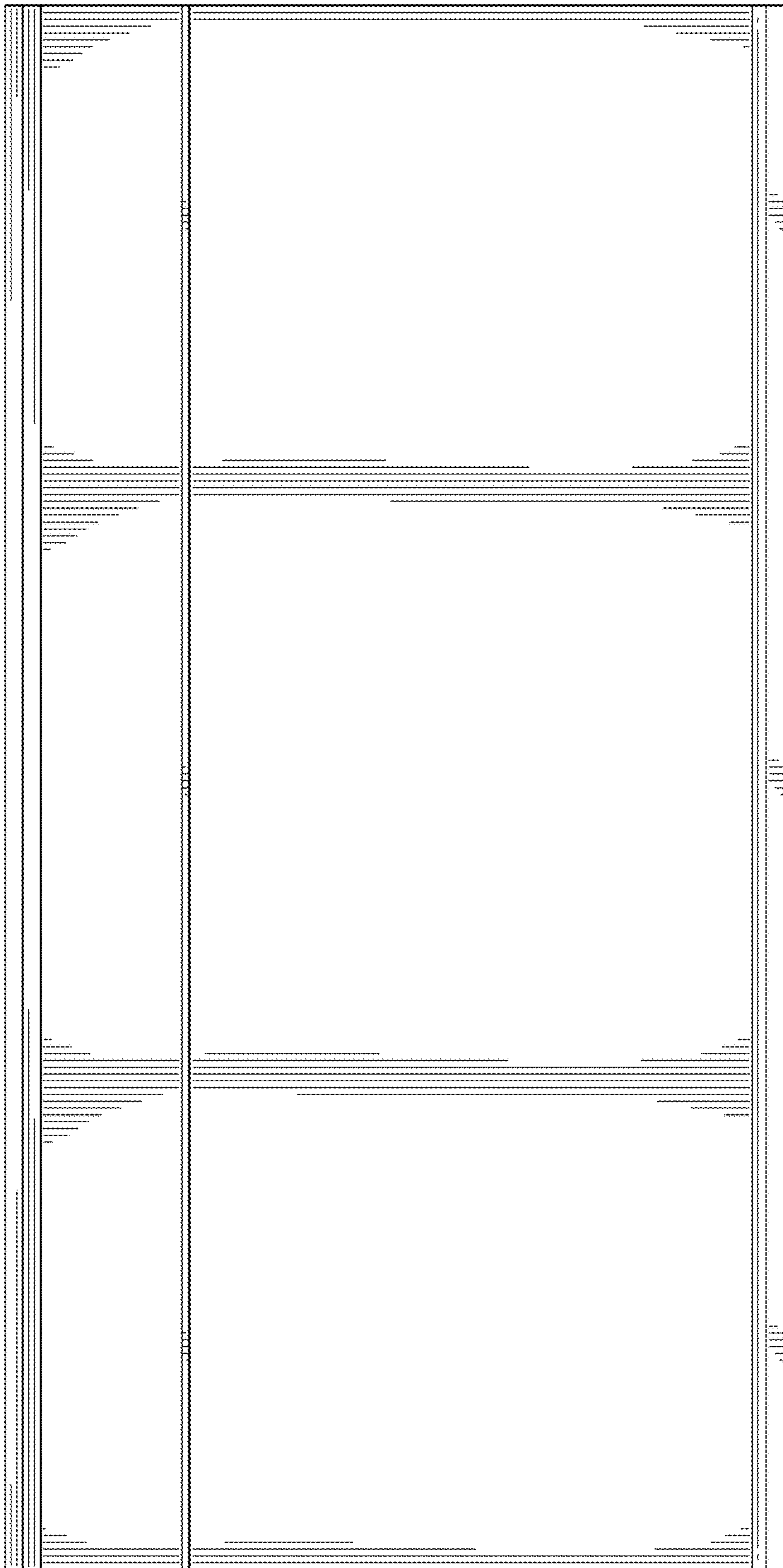


FIG. 61

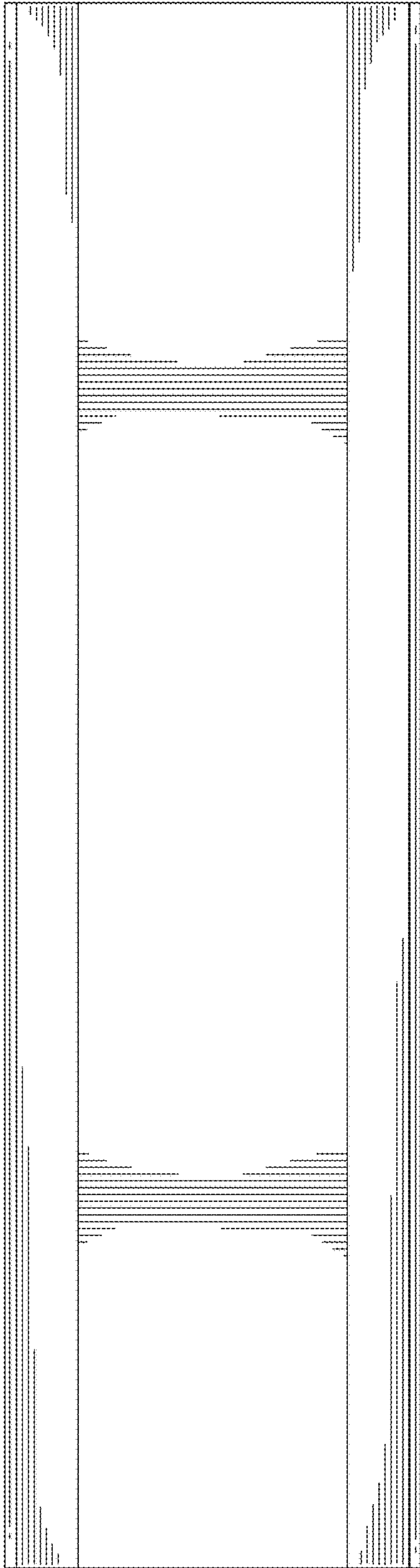


FIG. 62

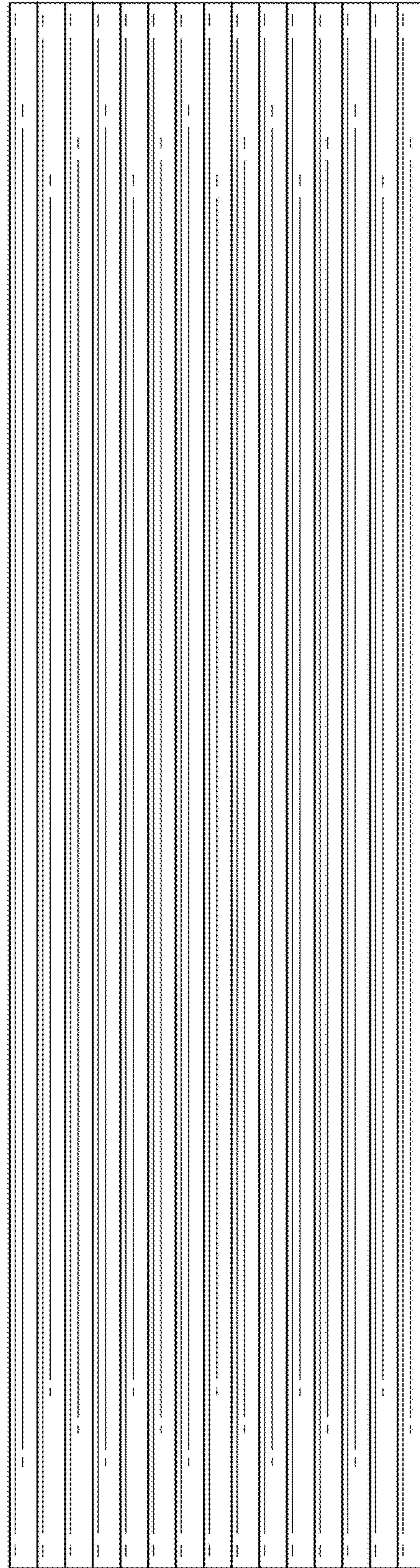


FIG. 63

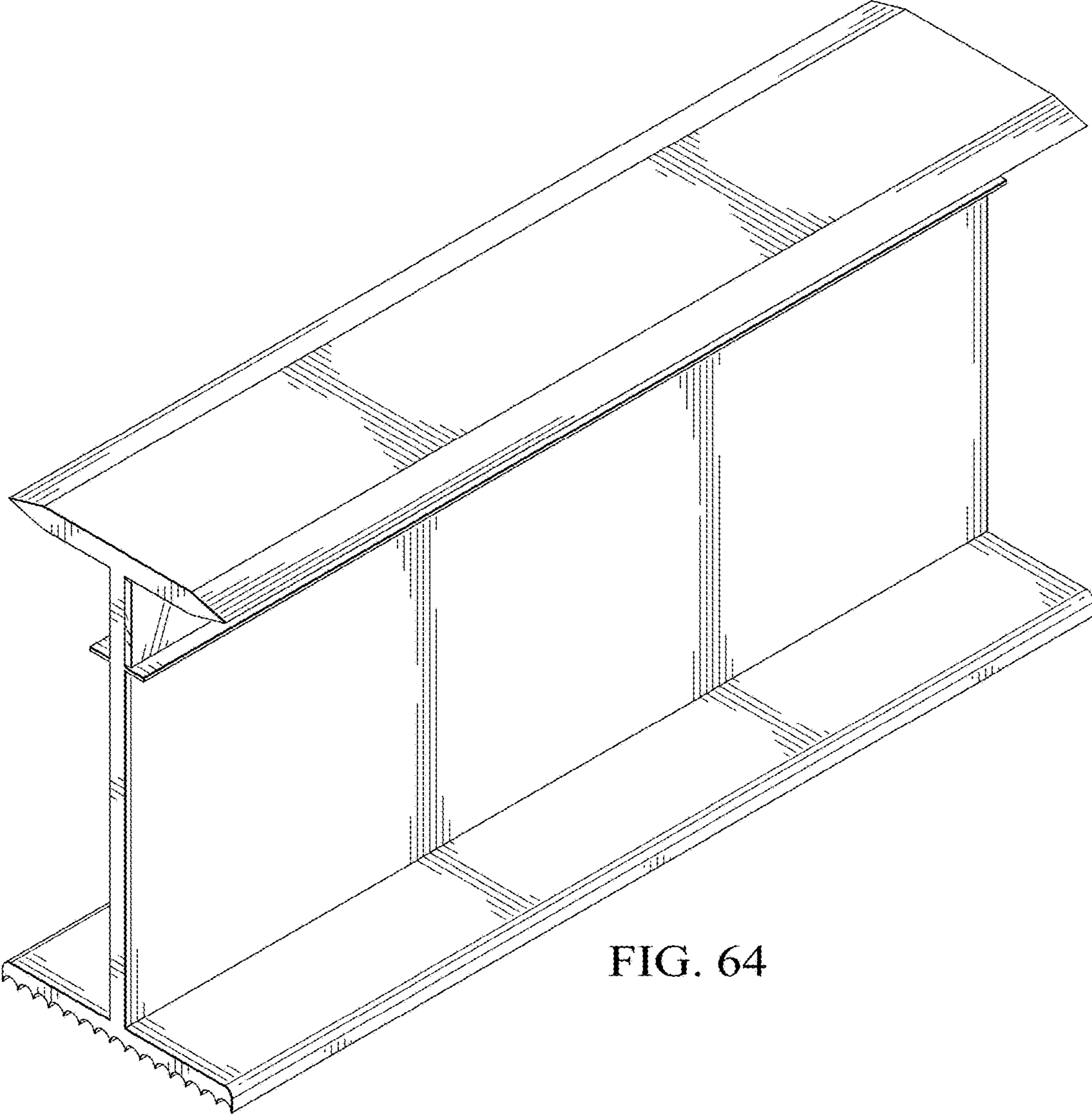


FIG. 64

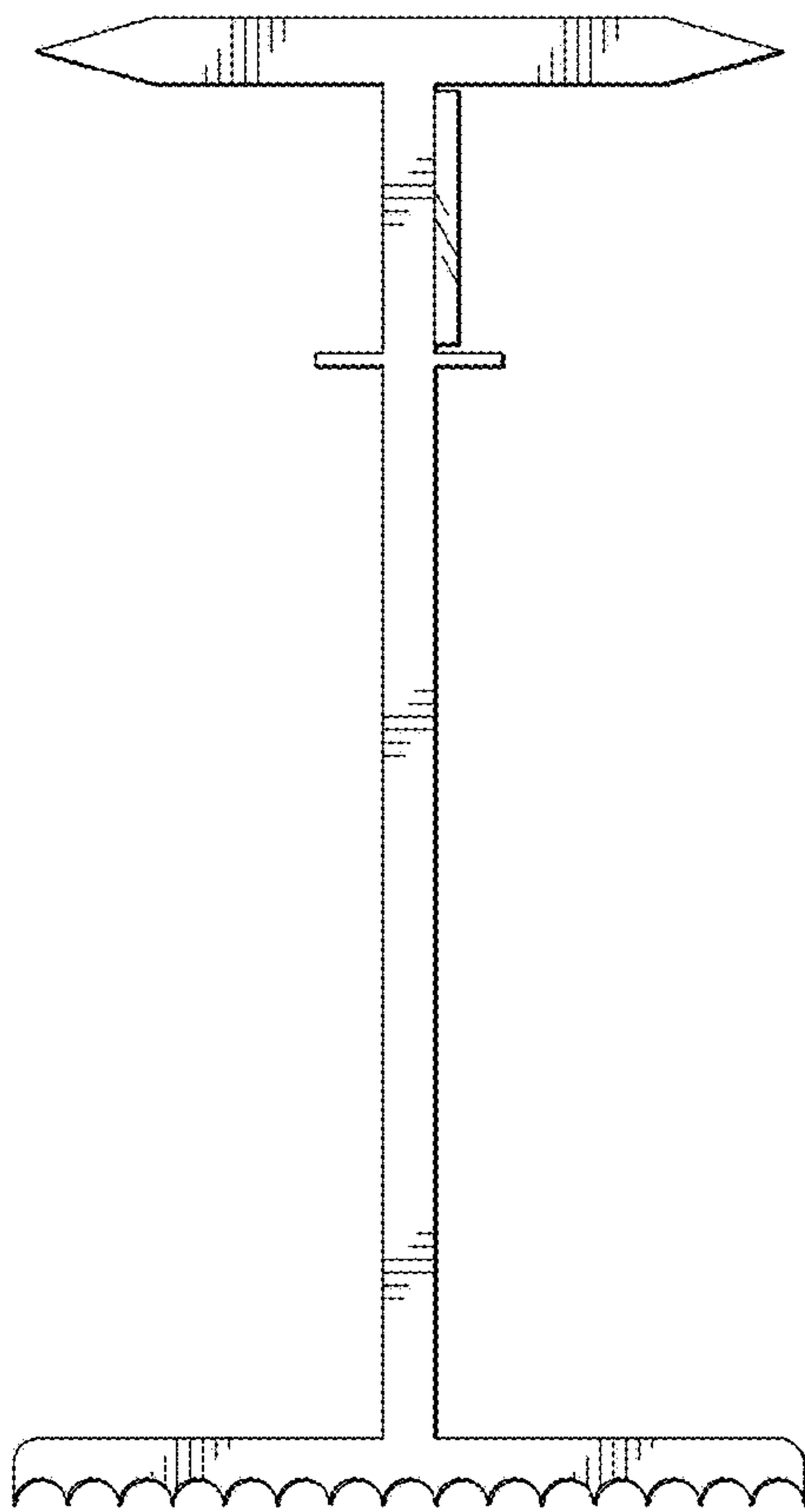


FIG. 65

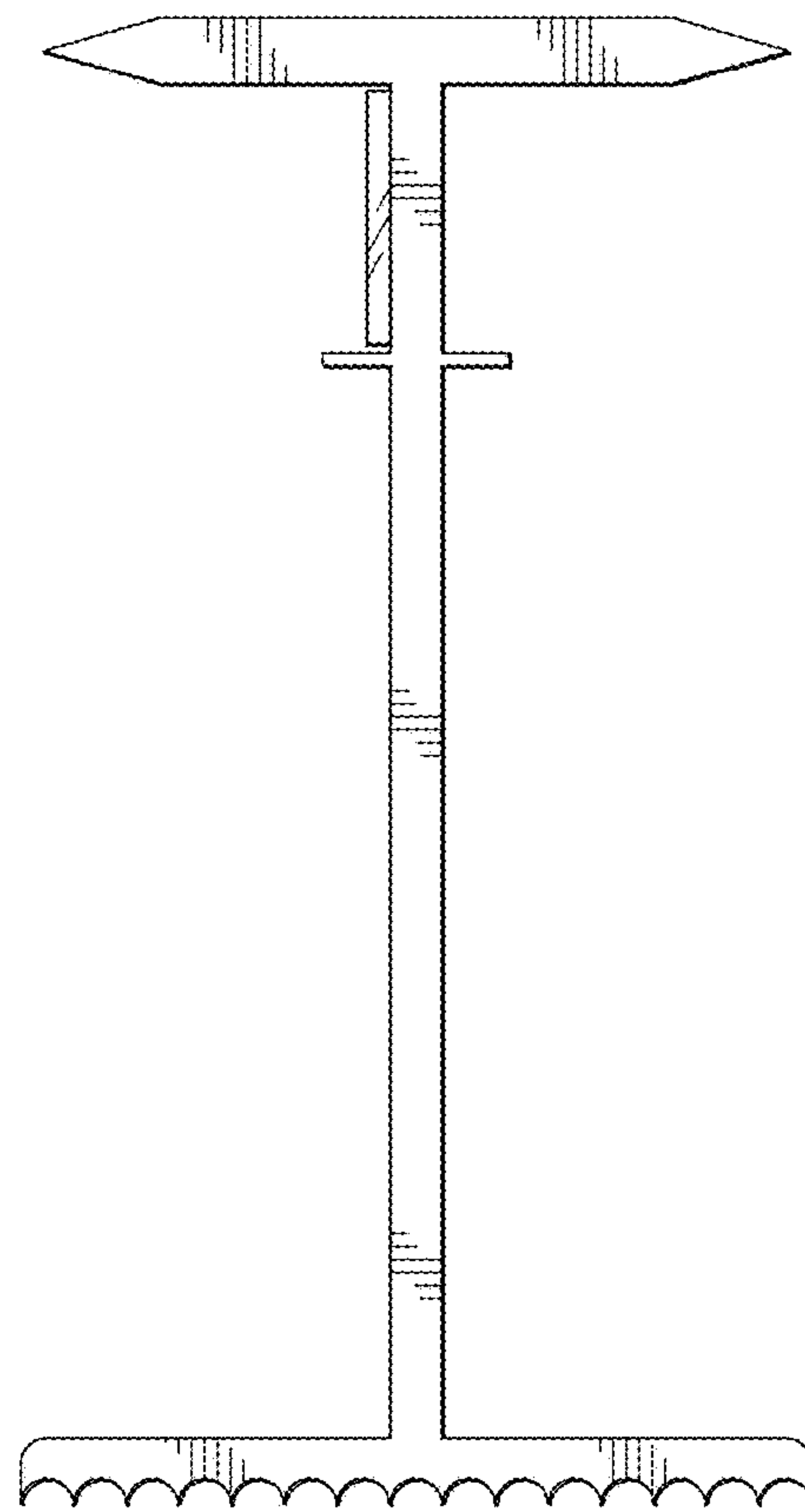


FIG. 66

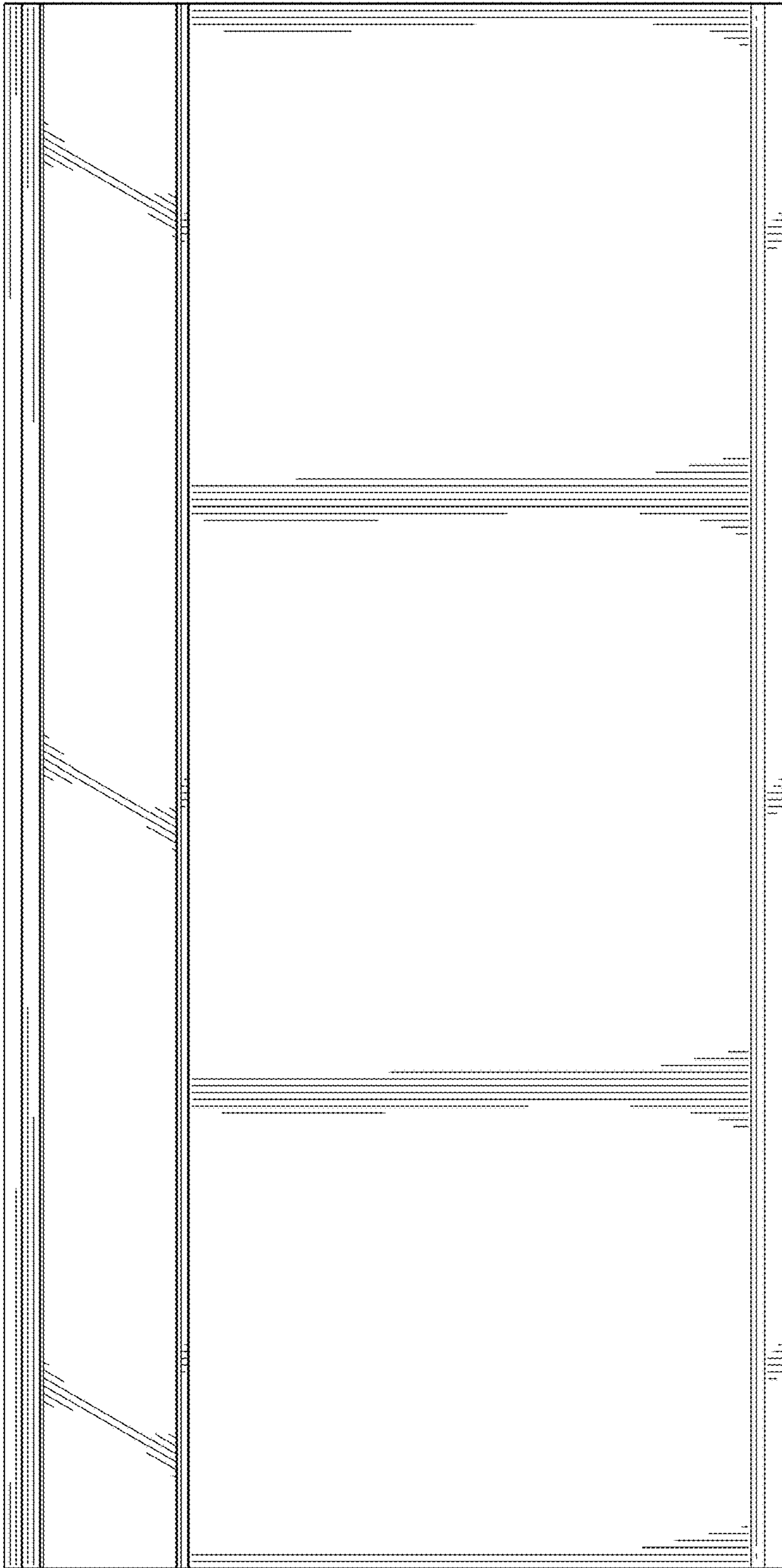


FIG. 67

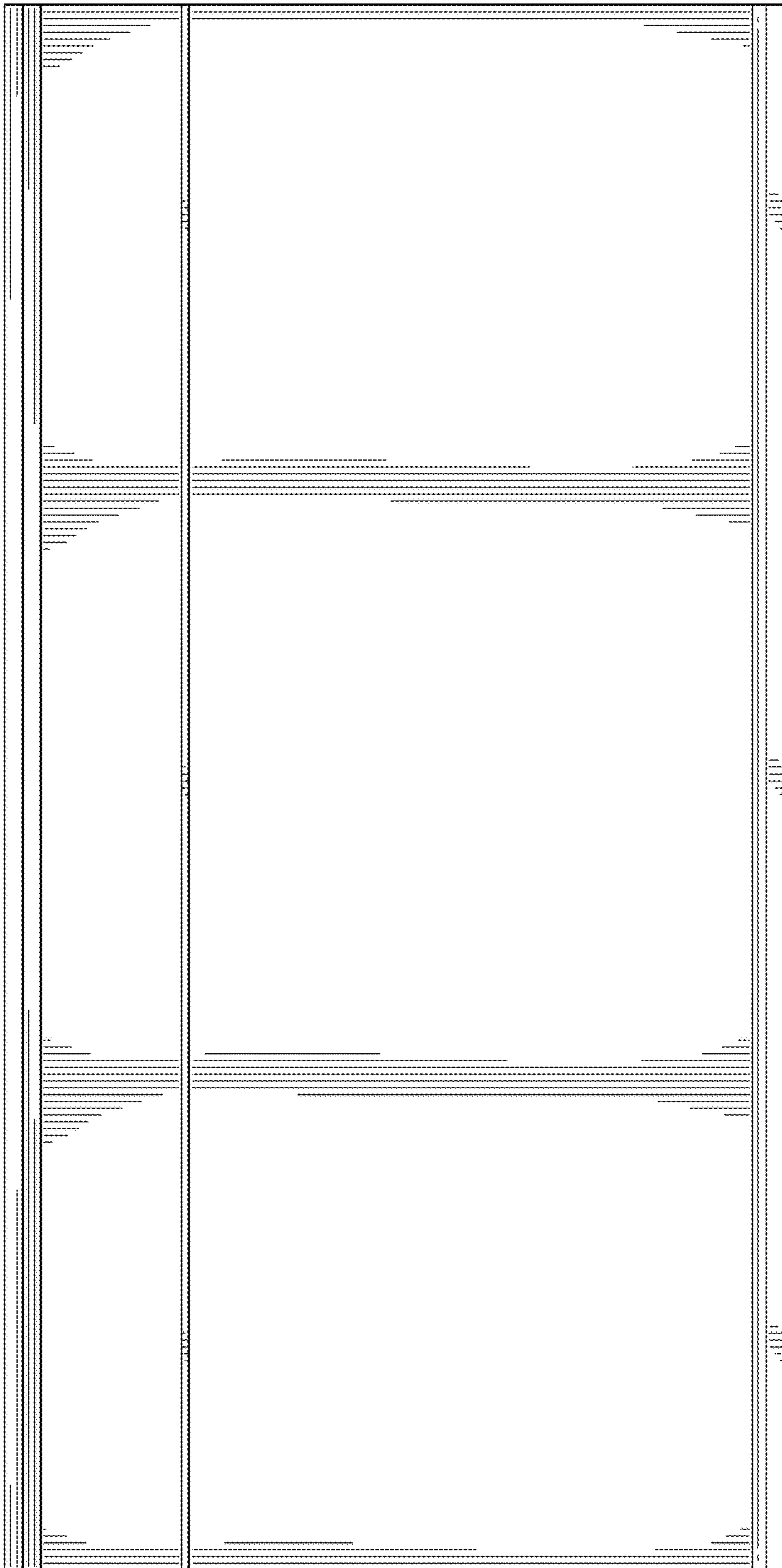


FIG. 68

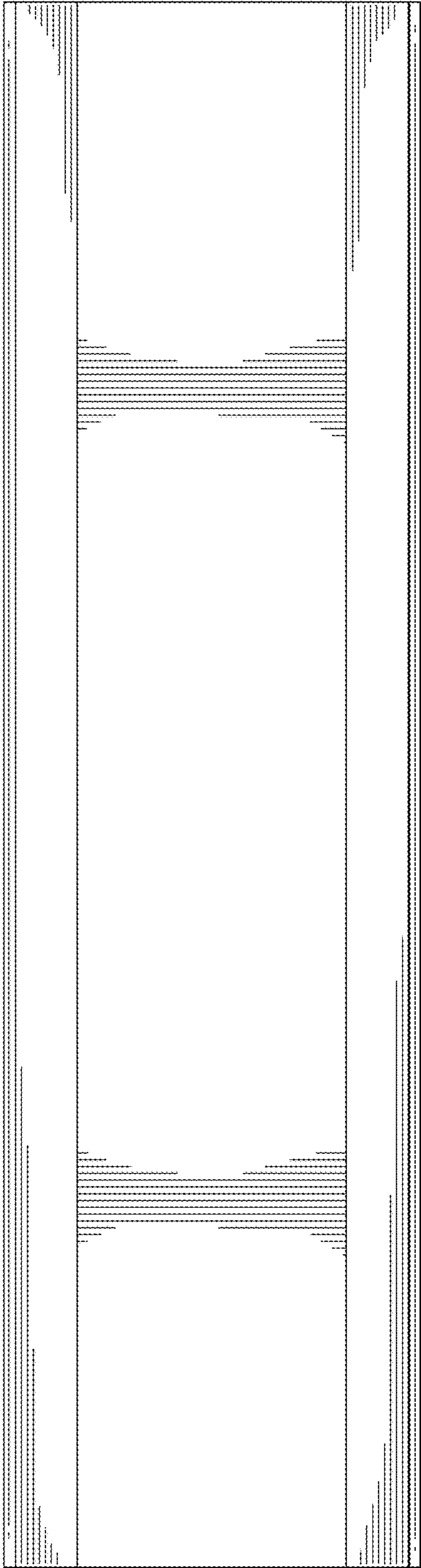


FIG. 69

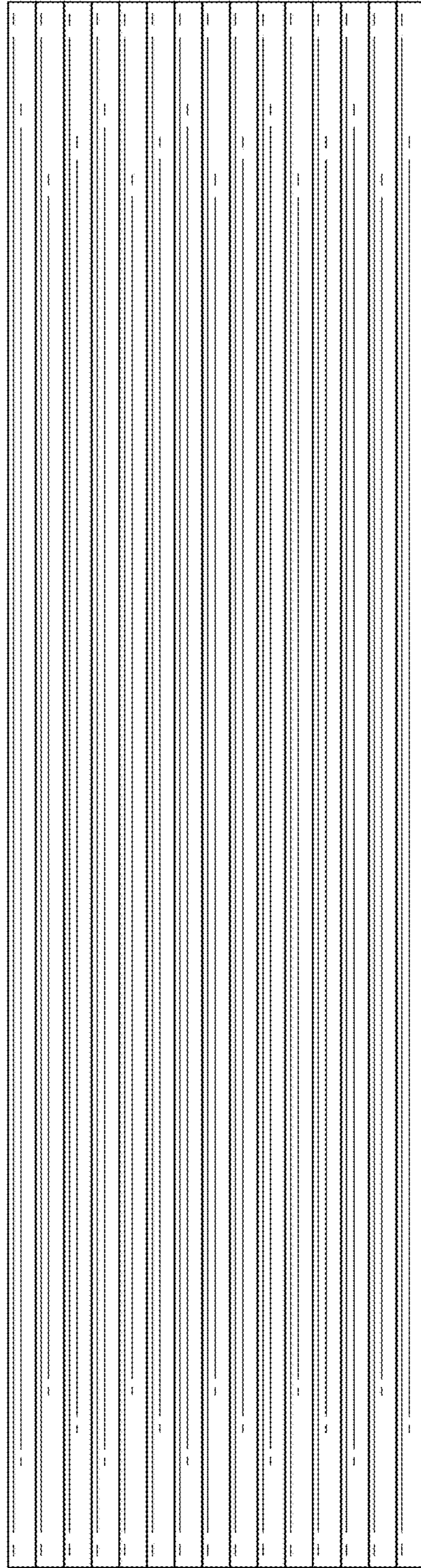


FIG. 70

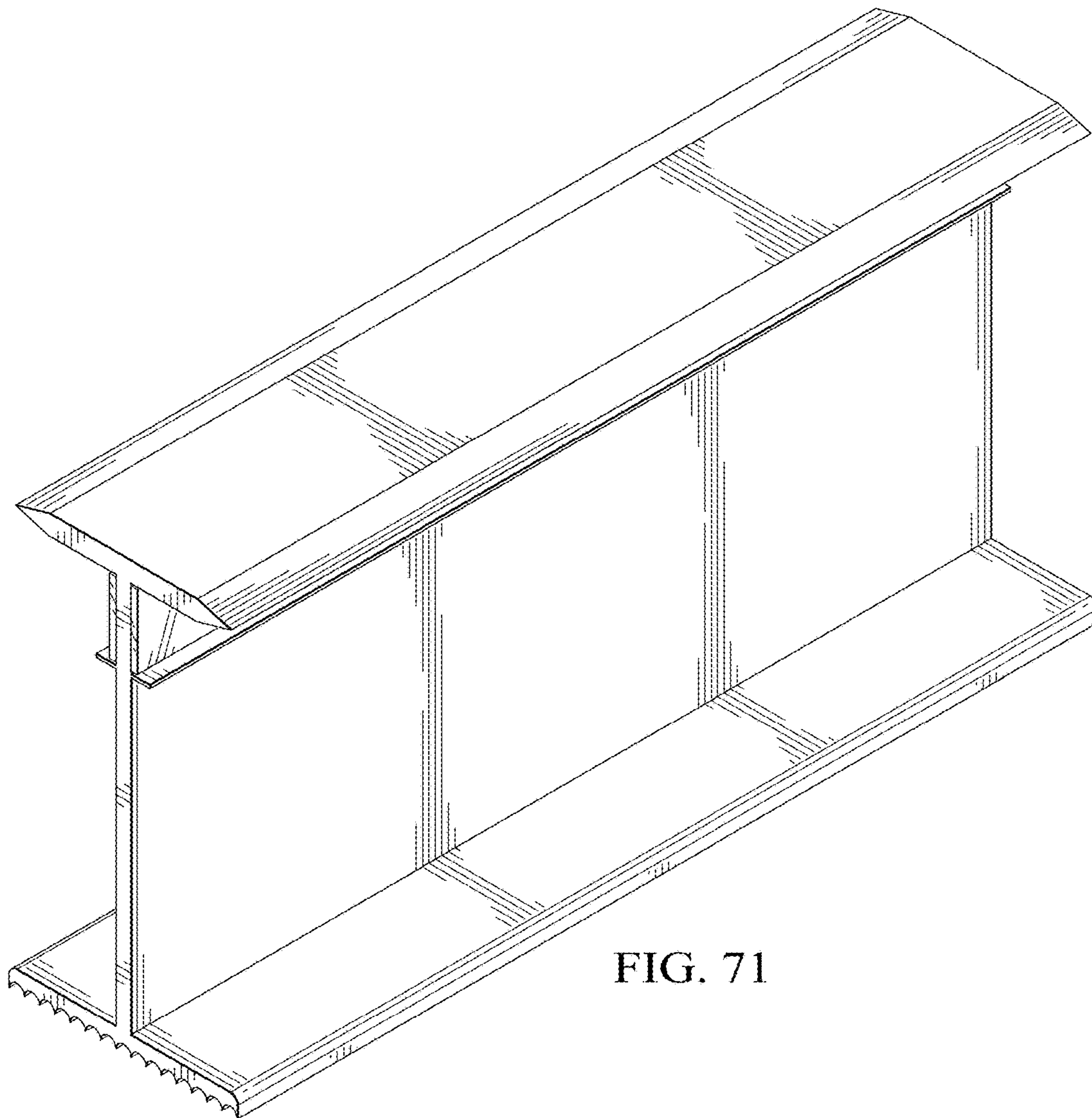


FIG. 71

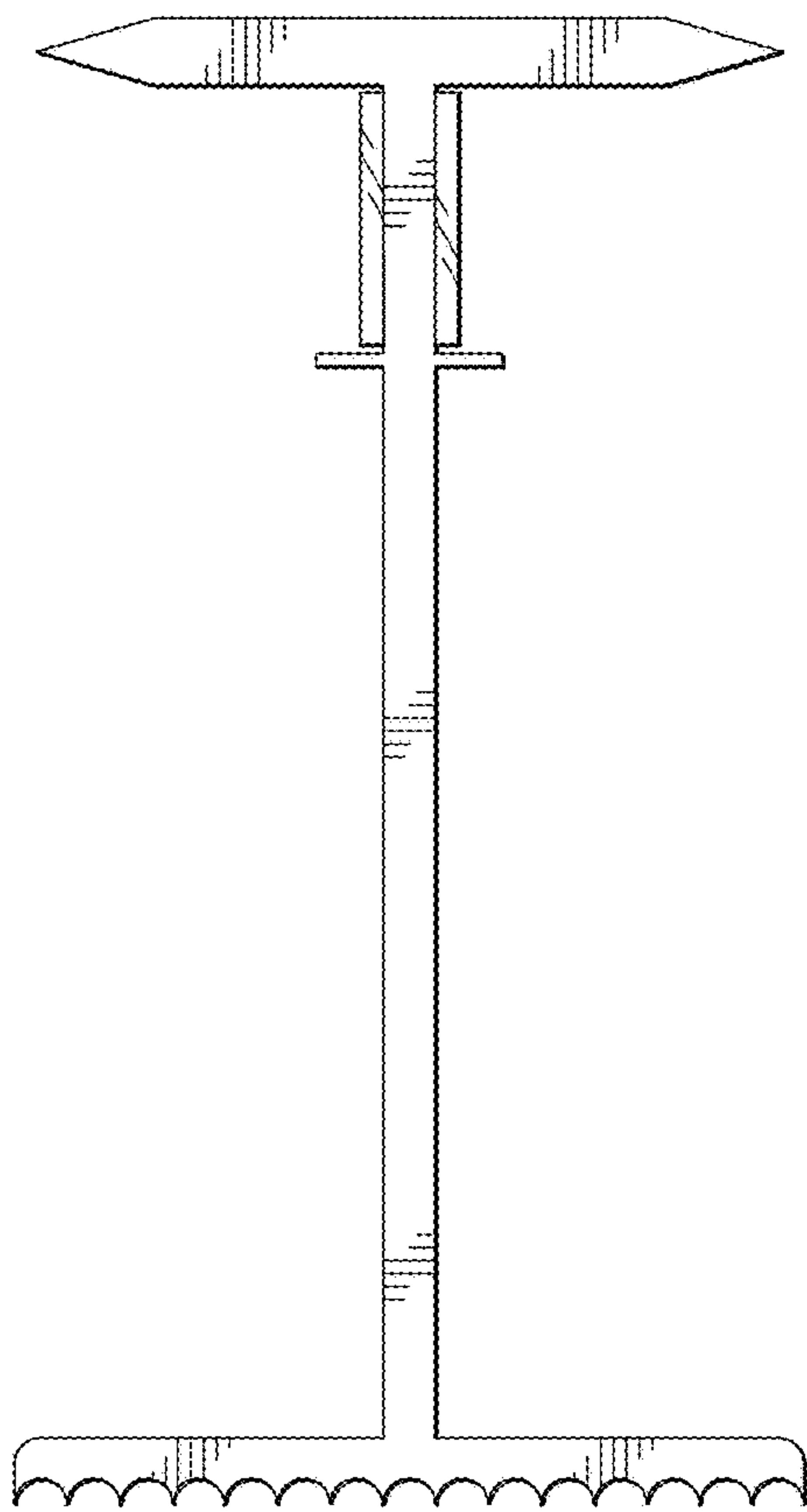


FIG. 72

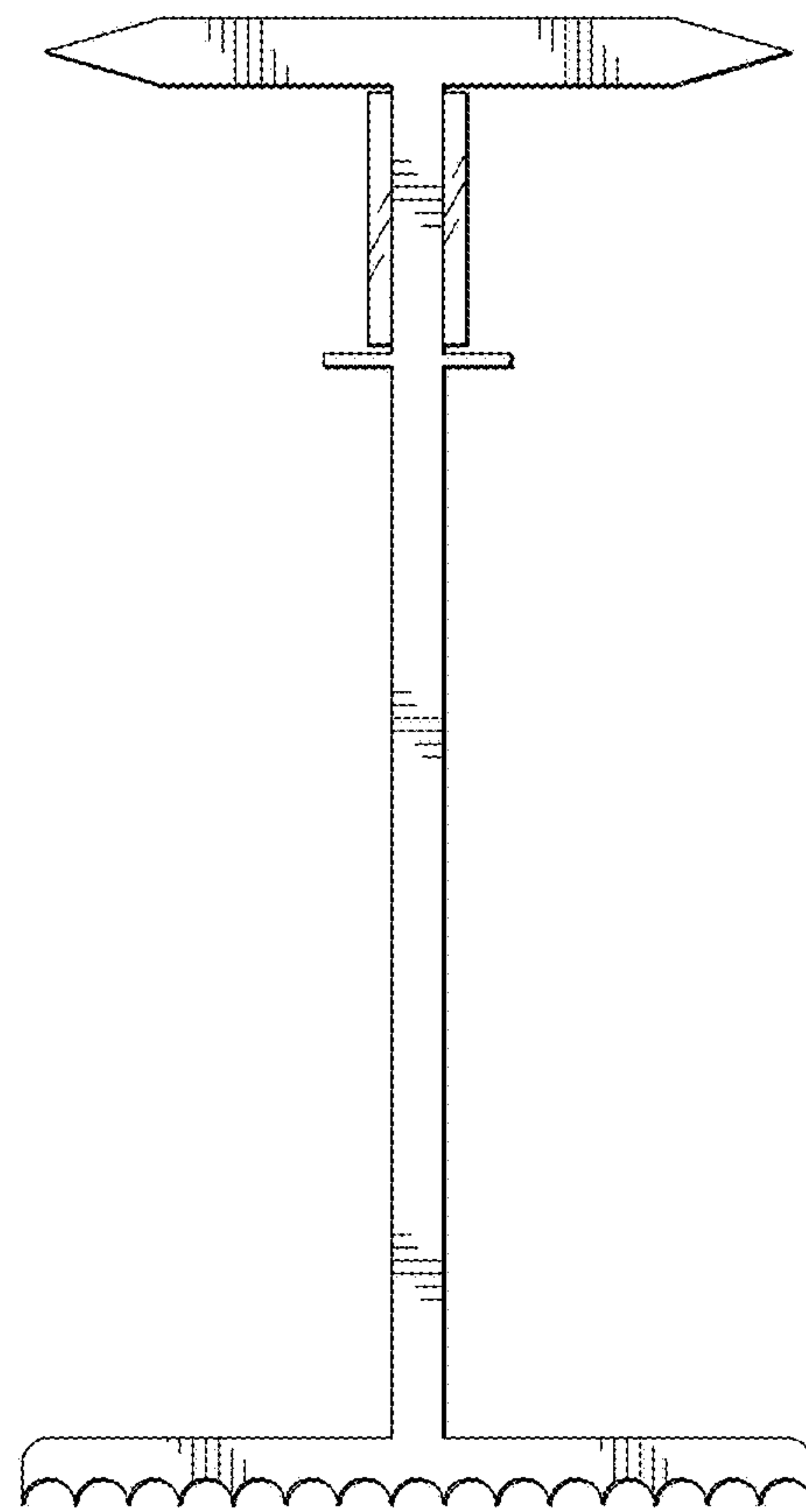


FIG. 73

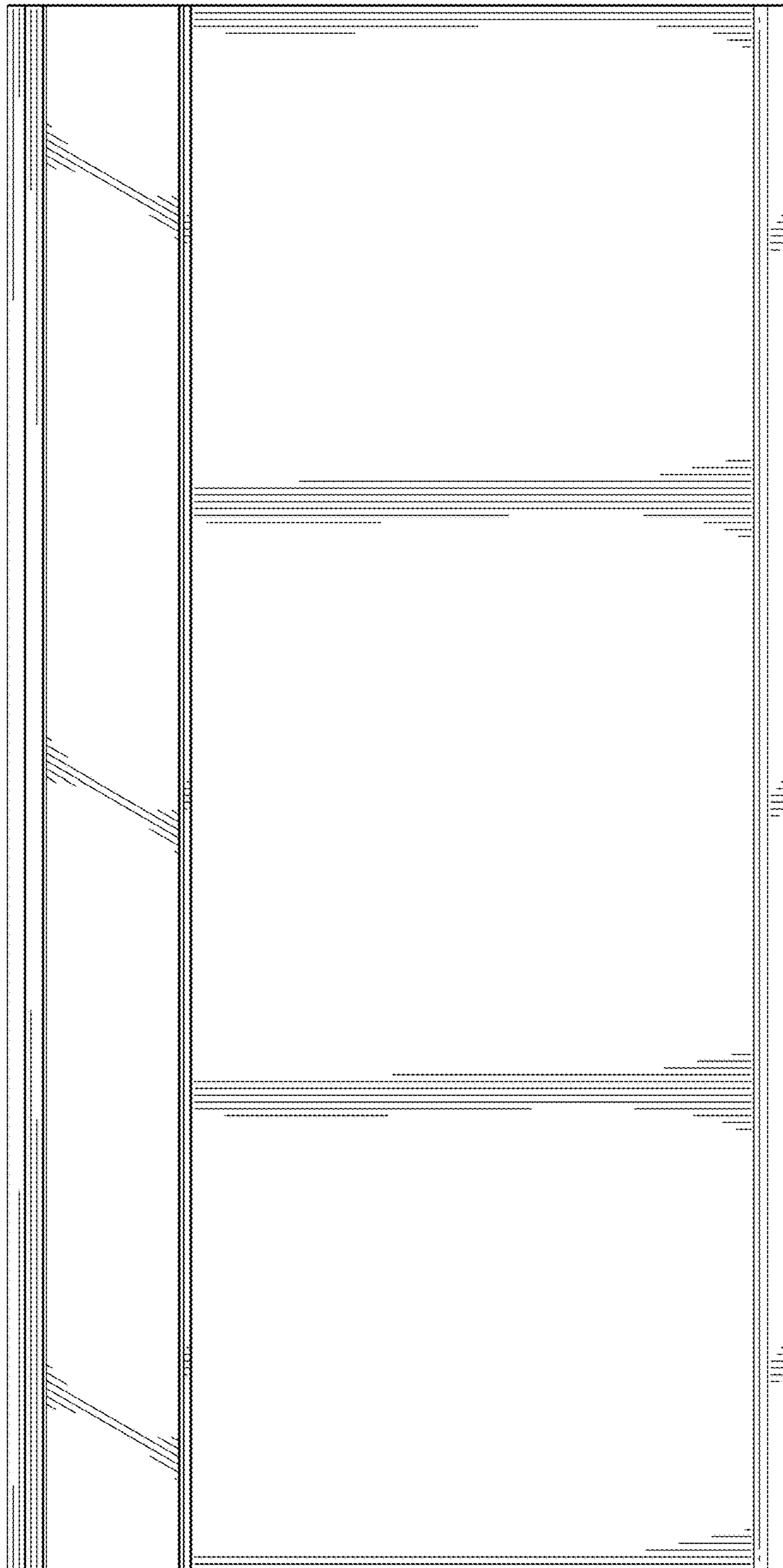


FIG. 74

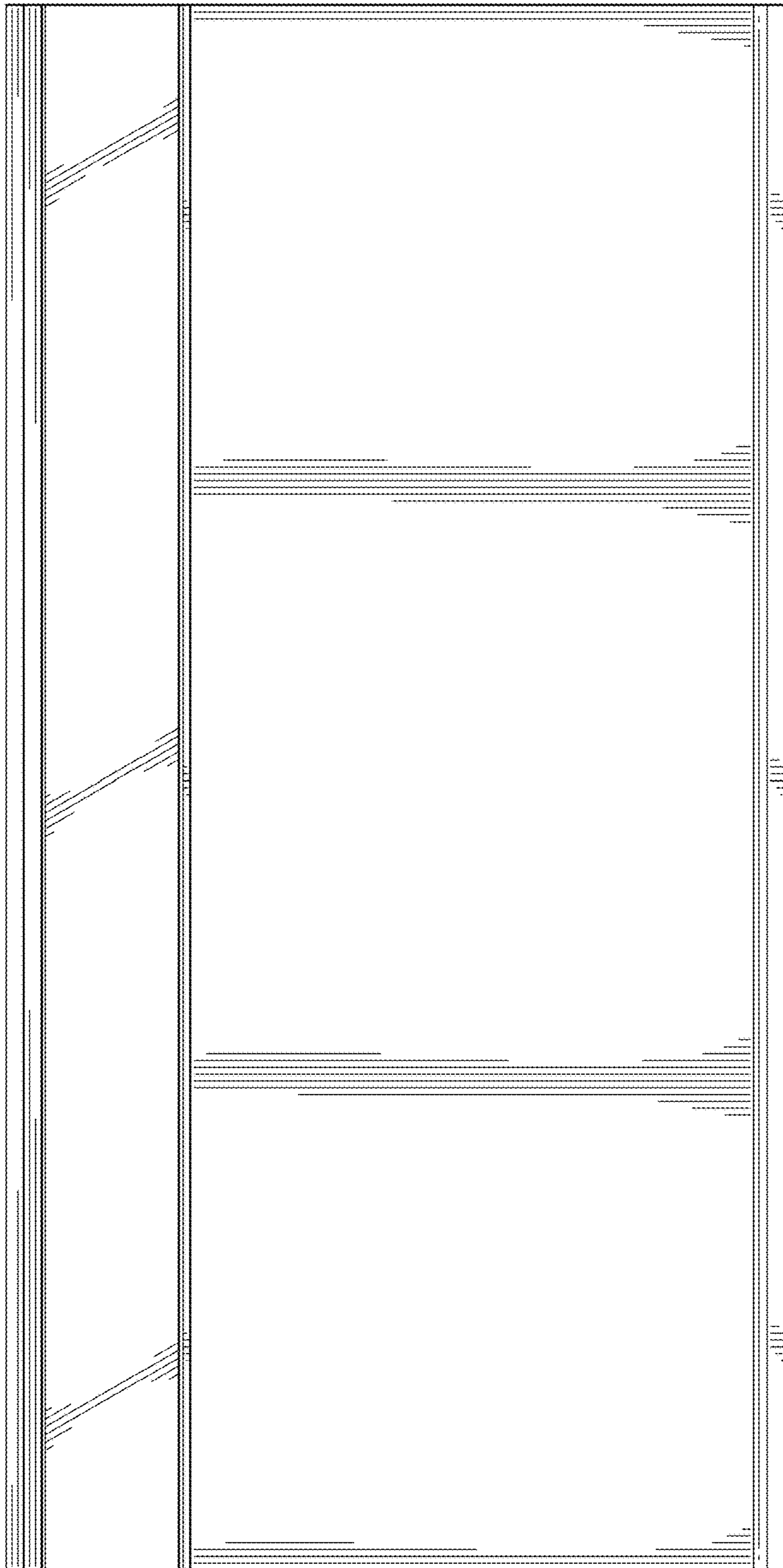


FIG. 75

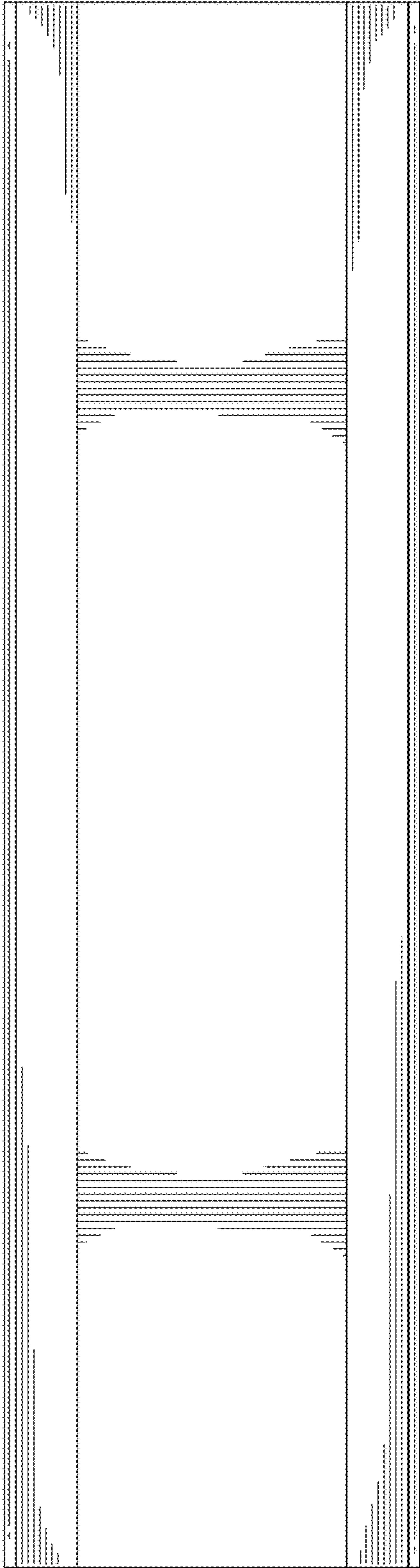


FIG. 76

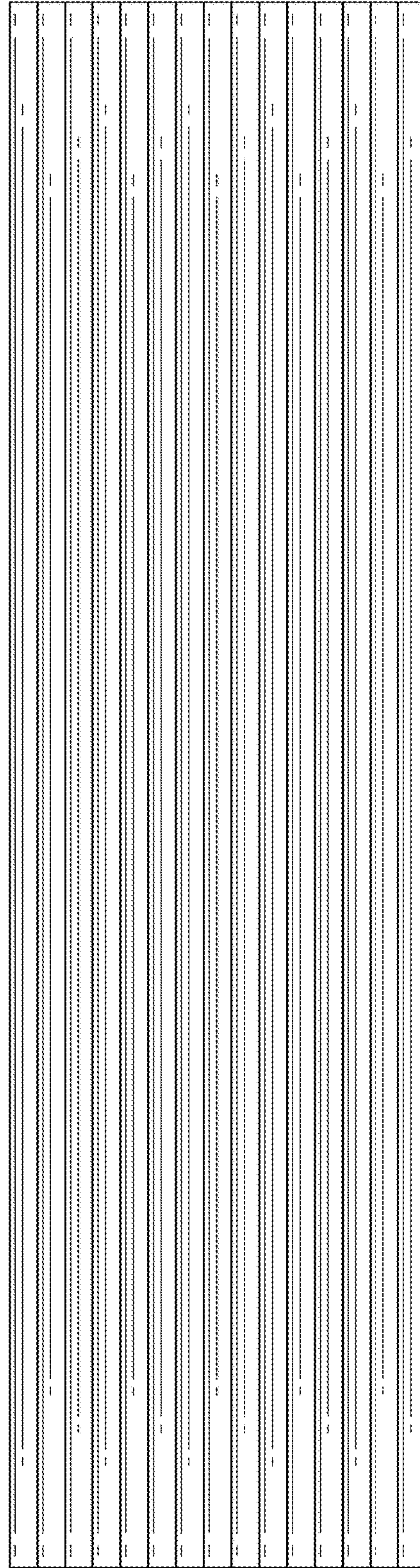


FIG. 77

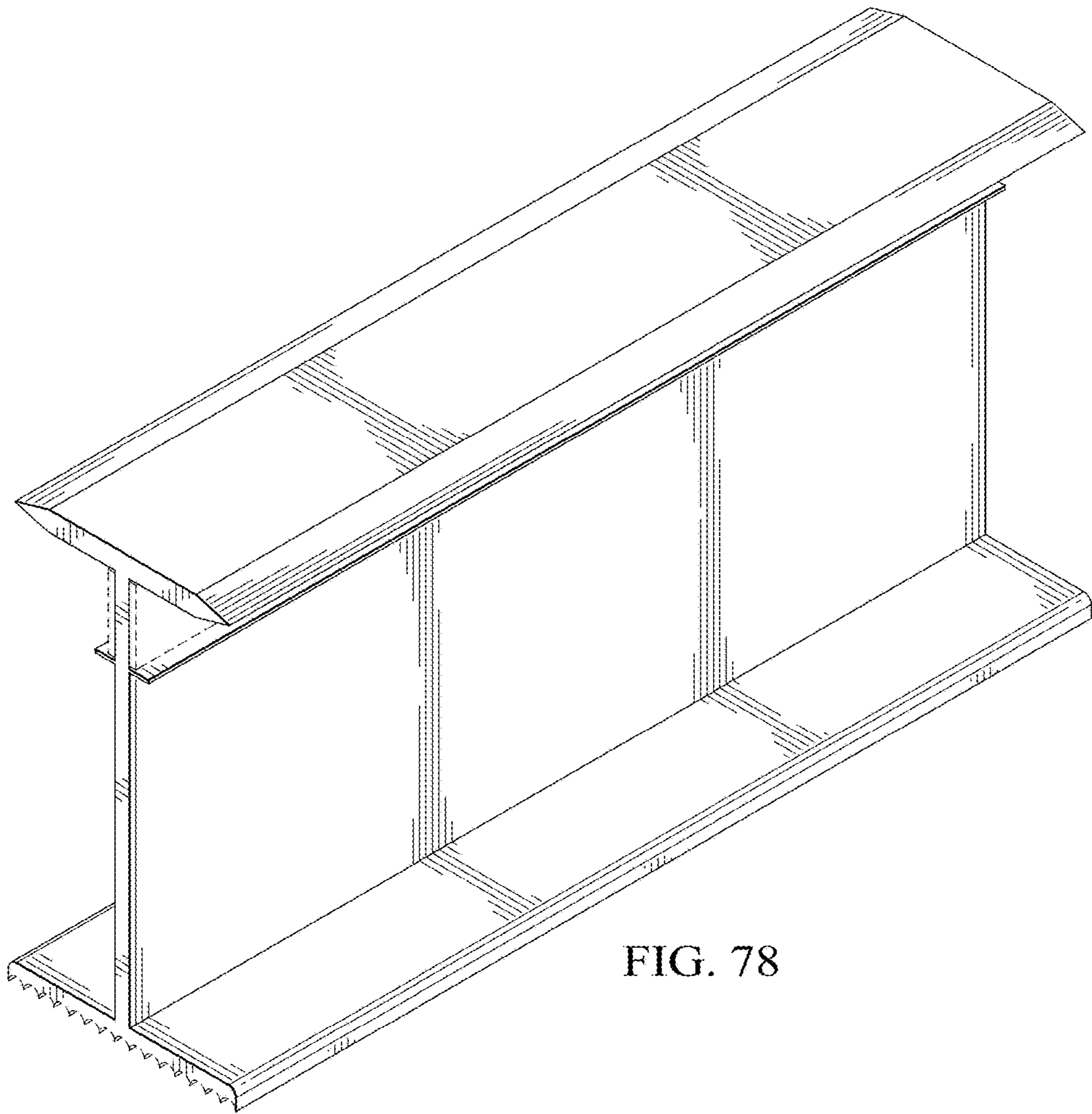


FIG. 78

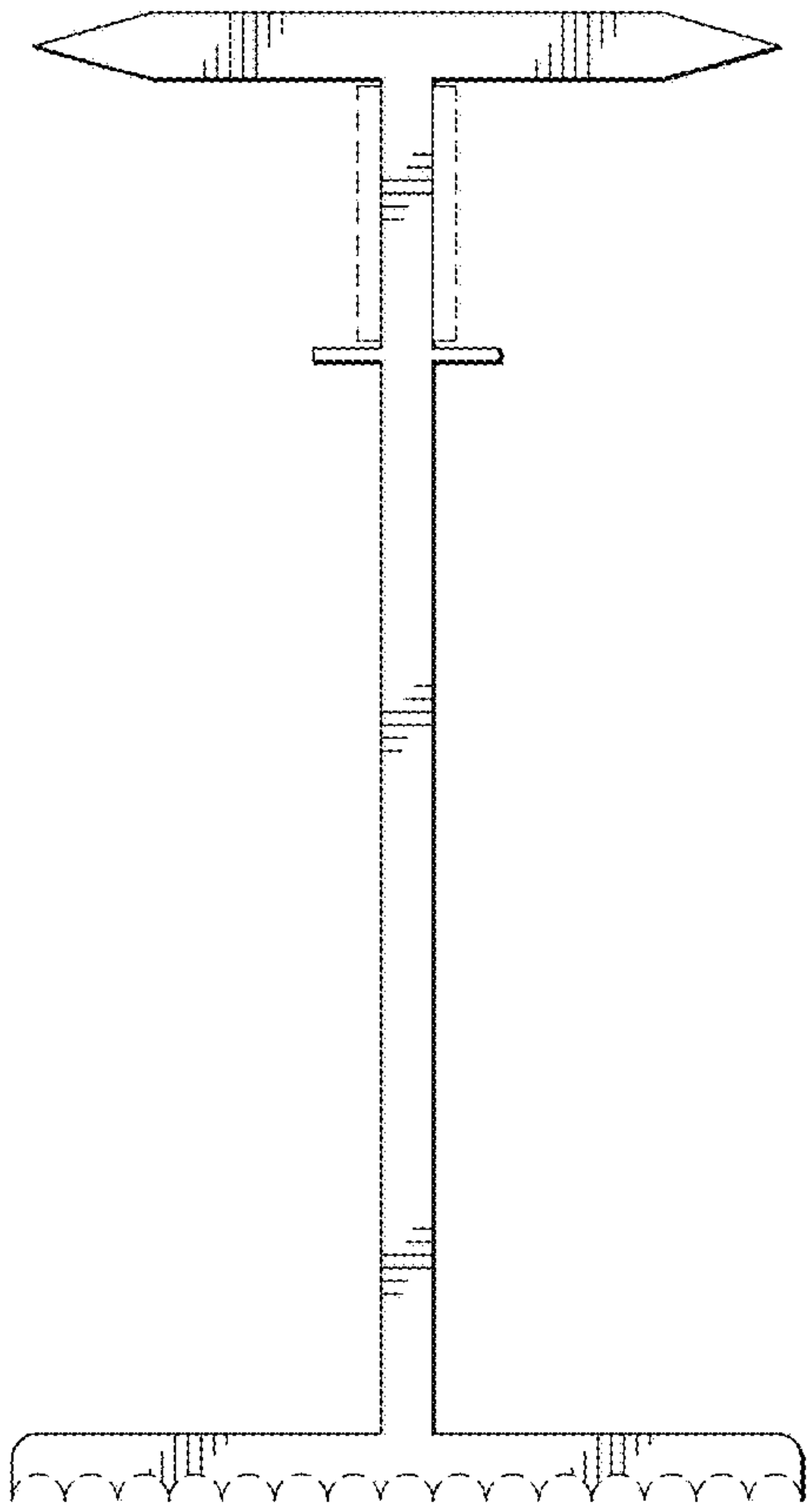


FIG. 79

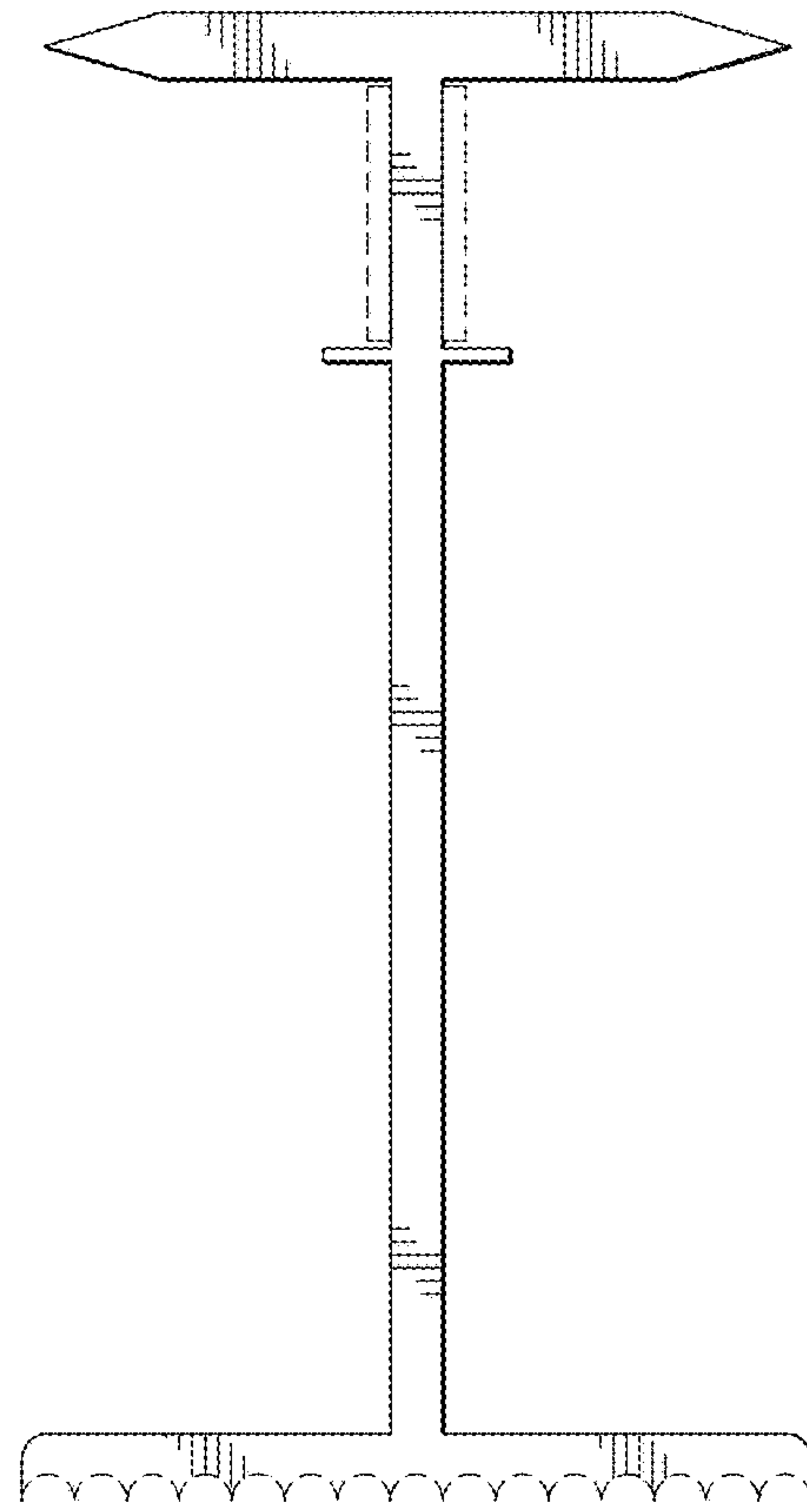


FIG. 80

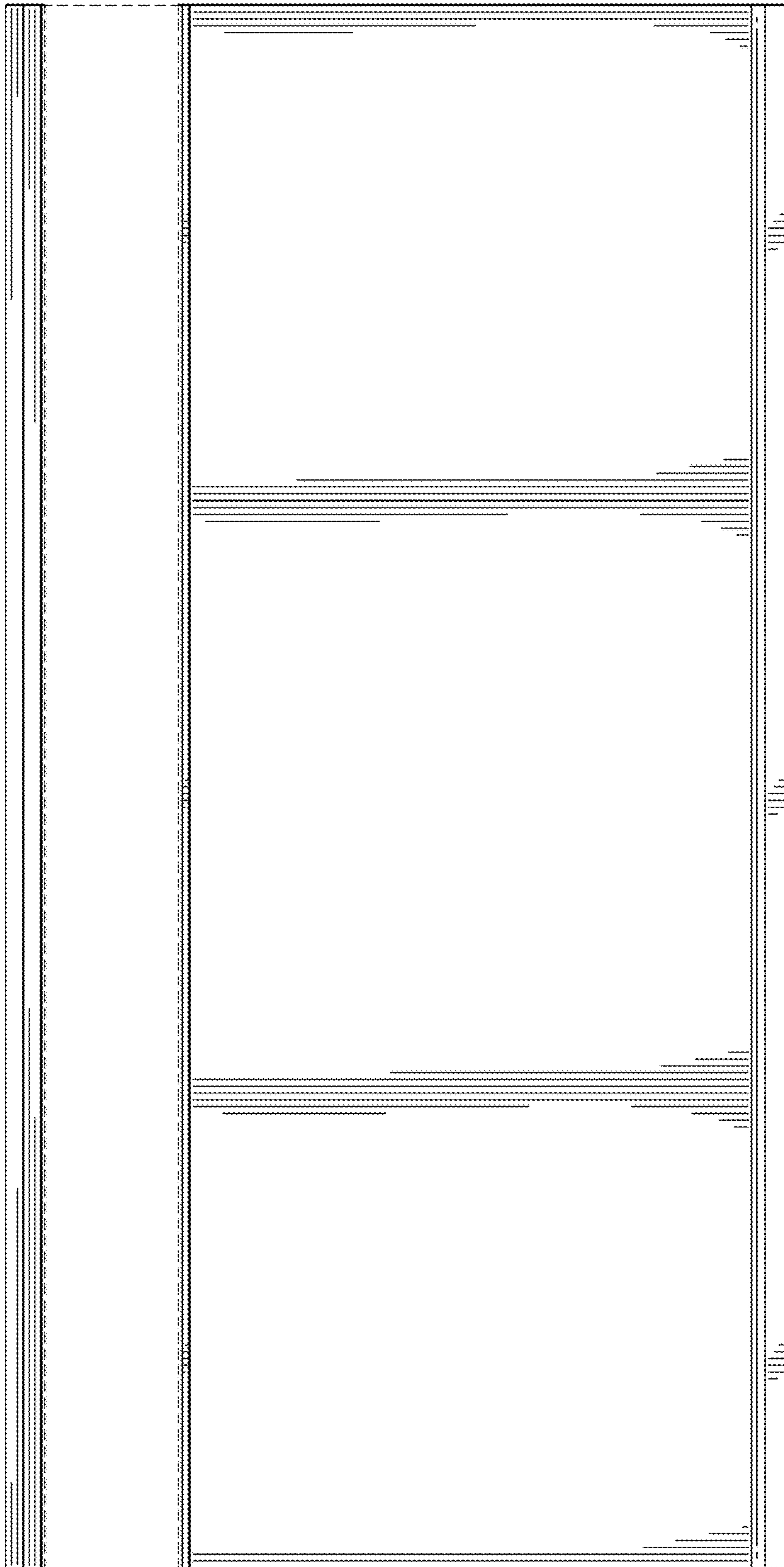


FIG. 81

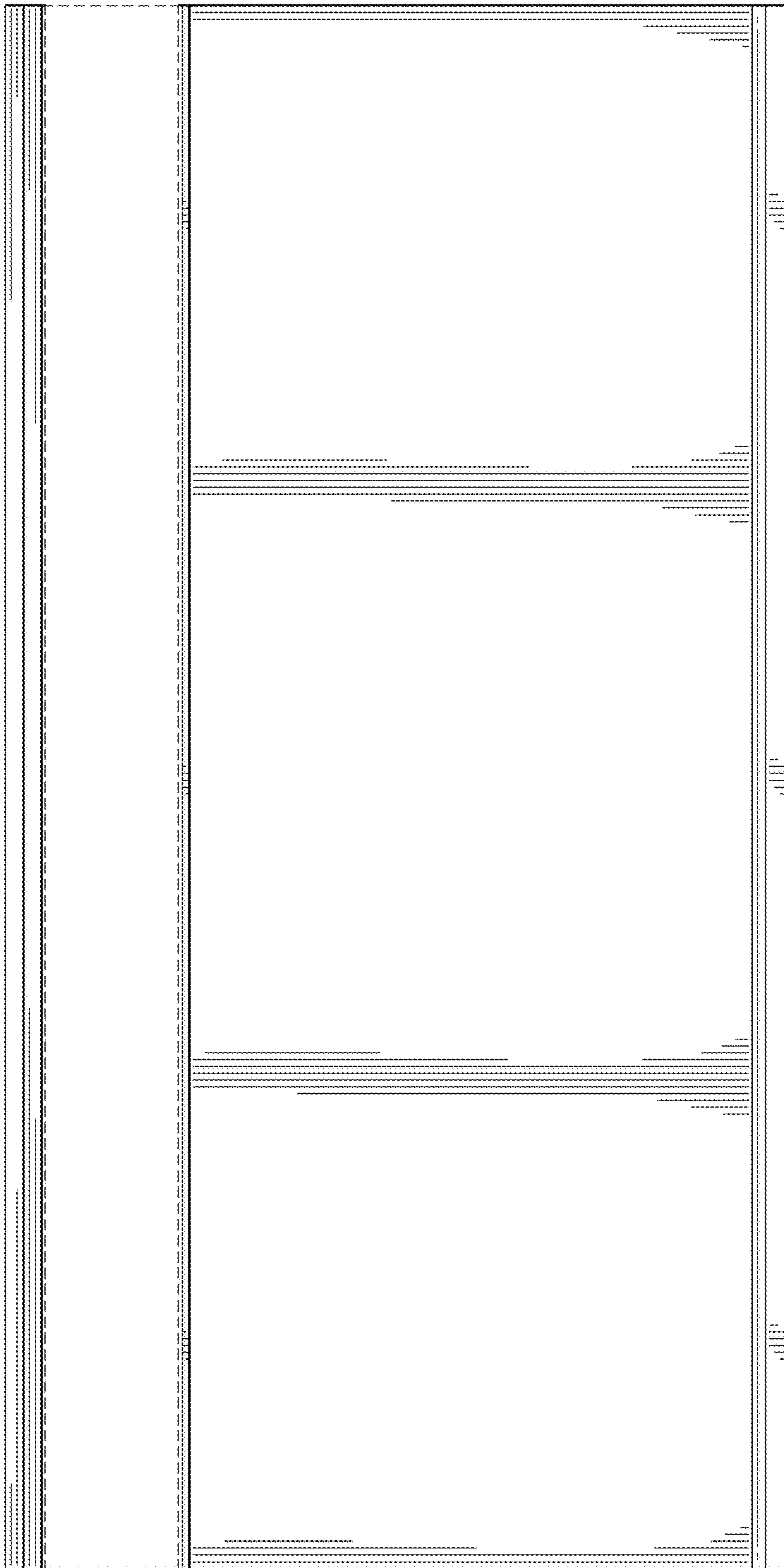


FIG. 82

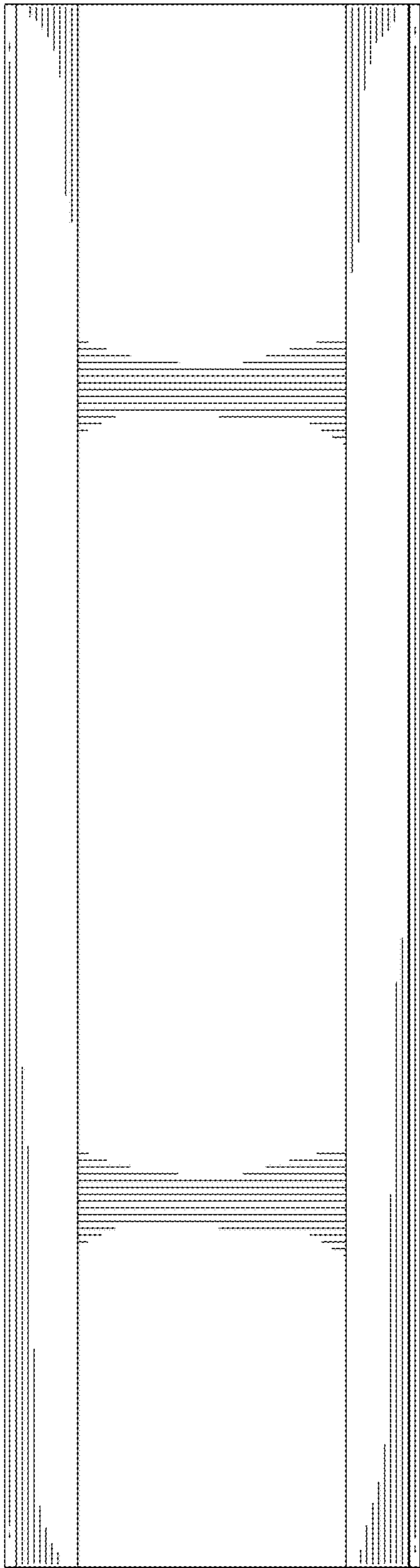


FIG. 83

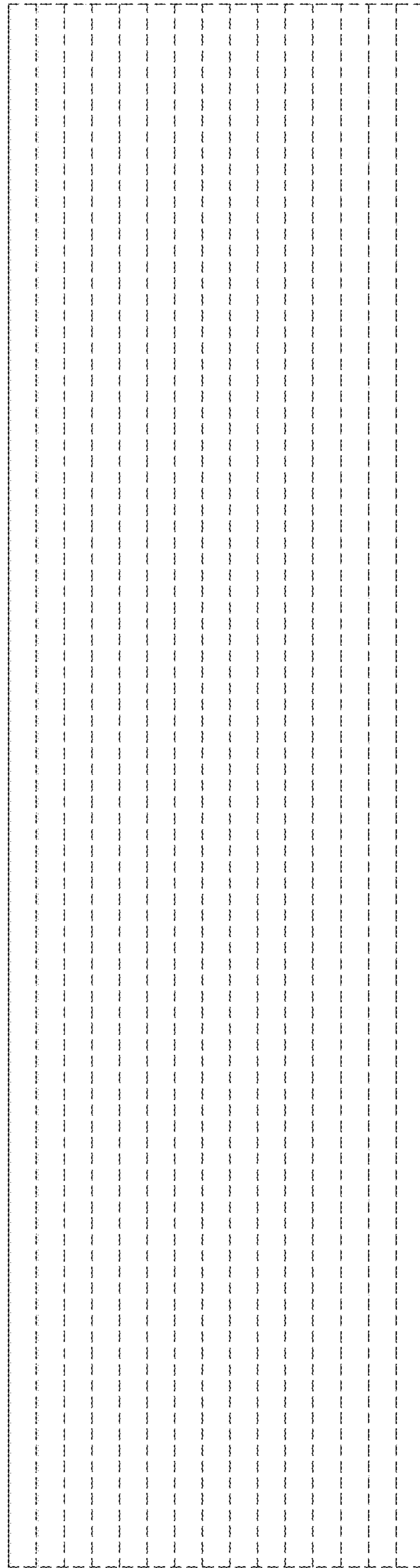


FIG. 84