



US00D761216S

(12) **United States Design Patent**
Jiang

(10) **Patent No.:** **US D761,216 S**
(45) **Date of Patent:** **** Jul. 12, 2016**

(54) **LED LEADFRAME**

(71) Applicant: **JIAXING SUPER LIGHTING
ELECTRIC APPLIANCE CO., LTD,**
Jiaxing (CN)

(72) Inventor: **Tao Jiang,** Jiaxing (CN)

(73) Assignee: **JIAXING SUPER LIGHTING
ELECTRIC APPLIANCE CO., LTD,**
Jiaxing (CN)

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

(21) Appl. No.: **29/522,417**

(22) Filed: **Mar. 31, 2015**

(30) **Foreign Application Priority Data**

Dec. 12, 2014 (CN) 2014 3 0522666

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/182**

(58) **Field of Classification Search**
USPC D13/182; 29/825, 827; 174/520, 524;
206/715, 716, 727, 728; 257/666, 668,
257/672, 676, 98-100
CPC H01L 2924/14; H01L 33/62; H01L 33/48;
H01L 33/486; H01L 21/4821; H01L 23/495;
H01L 23/4951; H01L 23/498; H01L
23/49861; H01L 23/4985; H01L 23/49805;
H01L 23/49866; H01L 23/49579; H01L
23/49503; H01L 23/49575; H01L 23/49582;
H01L 23/49586
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D298,231 S * 10/1988 Kudoh D13/182
4,809,054 A * 2/1989 Waldner H01L 23/49503
174/536
4,846,700 A * 7/1989 Dennis H01R 43/02
439/68

4,870,474 A * 9/1989 Karashima H01L 23/49544
257/669
D465,207 S * 11/2002 Williams D13/182
D483,336 S * 12/2003 Harnden D13/182
D483,337 S * 12/2003 Harnden D13/182
D484,103 S * 12/2003 Harnden D13/182
D484,104 S * 12/2003 Harnden D13/182
D484,858 S * 1/2004 Harnden D13/182
D484,859 S * 1/2004 Harnden D13/182
D485,243 S * 1/2004 Harnden D13/182
D485,244 S * 1/2004 Harnden D13/182
D486,802 S * 2/2004 Harnden D13/182
D487,431 S * 3/2004 Harnden D13/182
D487,432 S * 3/2004 Harnden D13/182
D488,136 S * 4/2004 Harnden D13/182
D491,900 S * 6/2004 Harnden D13/182
D492,266 S * 6/2004 Harnden D13/182
D588,080 S * 3/2009 Harnden D13/182
D588,557 S * 3/2009 Harnden D13/182
2005/0236638 A1 * 10/2005 Tsukagoshi H01L 33/486
257/99
2008/0121921 A1 * 5/2008 Loh H01L 33/642
257/99
2008/0157309 A1 * 7/2008 Hojo H01L 21/561
257/676
2011/0133232 A1 * 6/2011 Yoshioka H01L 33/62
257/98

* cited by examiner

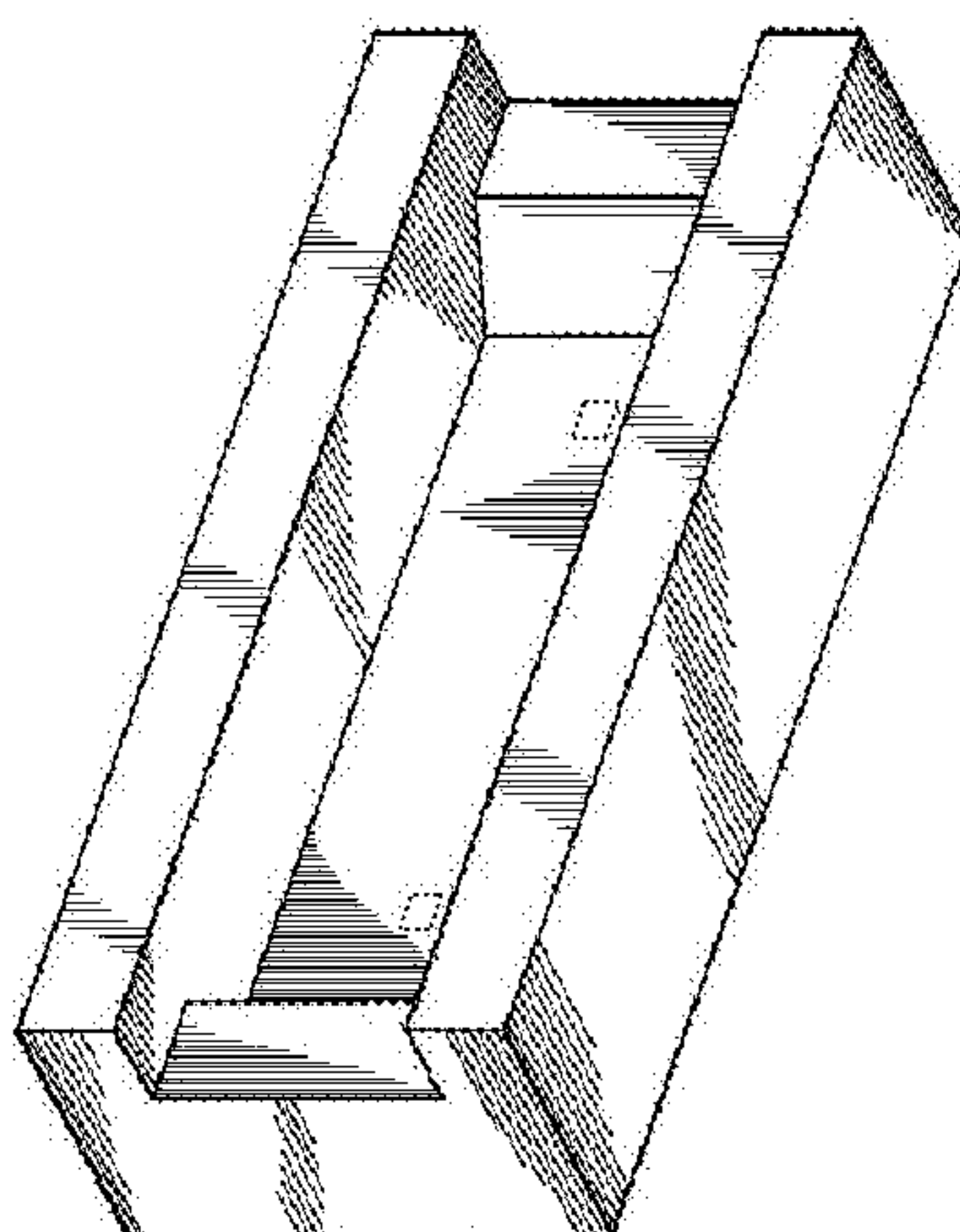
Primary Examiner — Elizabeth J Oswecki
(74) *Attorney, Agent, or Firm* — Ding Yu Tan

(57) **CLAIM**
The ornamental design for a LED leadframe, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a LED leadframe showing my new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a front elevational view thereof; and,
FIG. 7 is a rear elevational view thereof.
The shade lines (straight solid lines) in the figures show surface contour and not surface ornamentation.

1 Claim, 5 Drawing Sheets



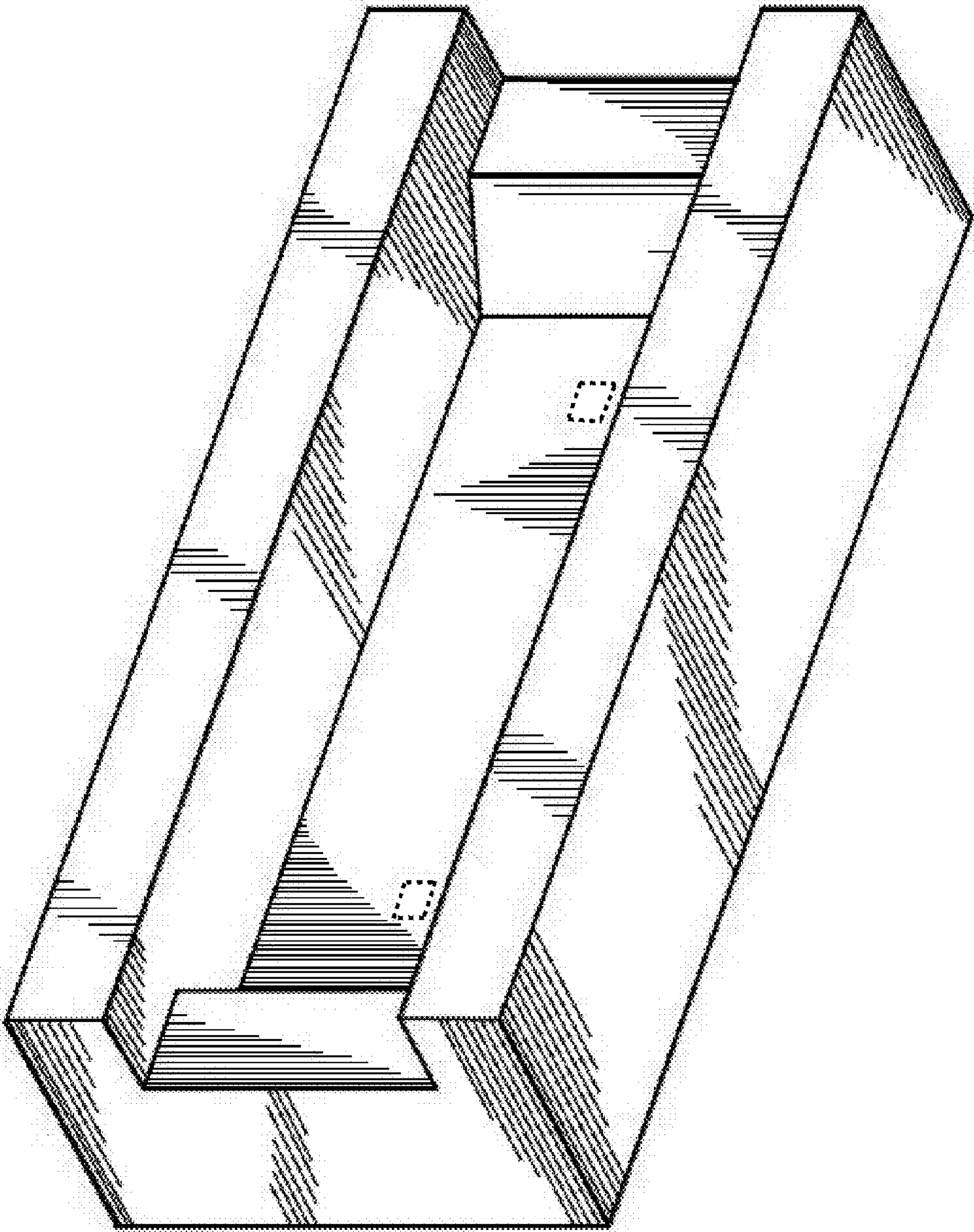


FIG. 1

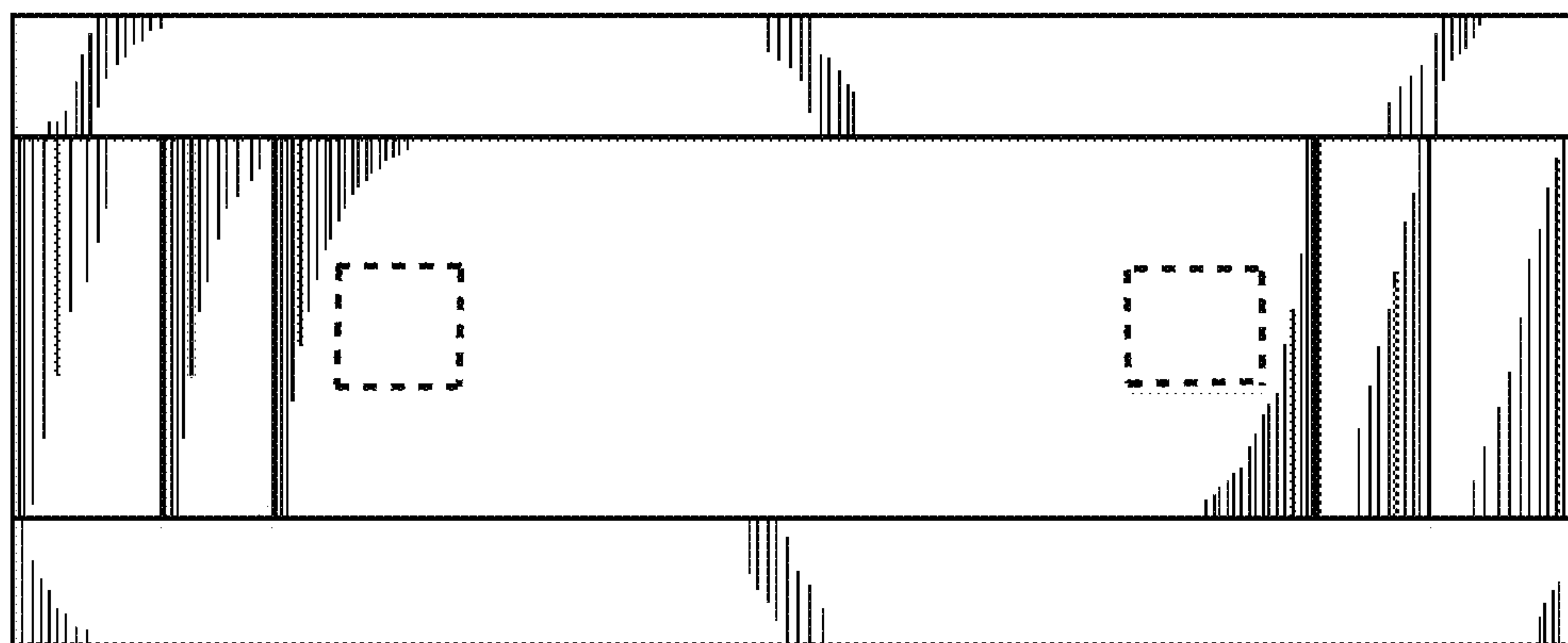


FIG. 2

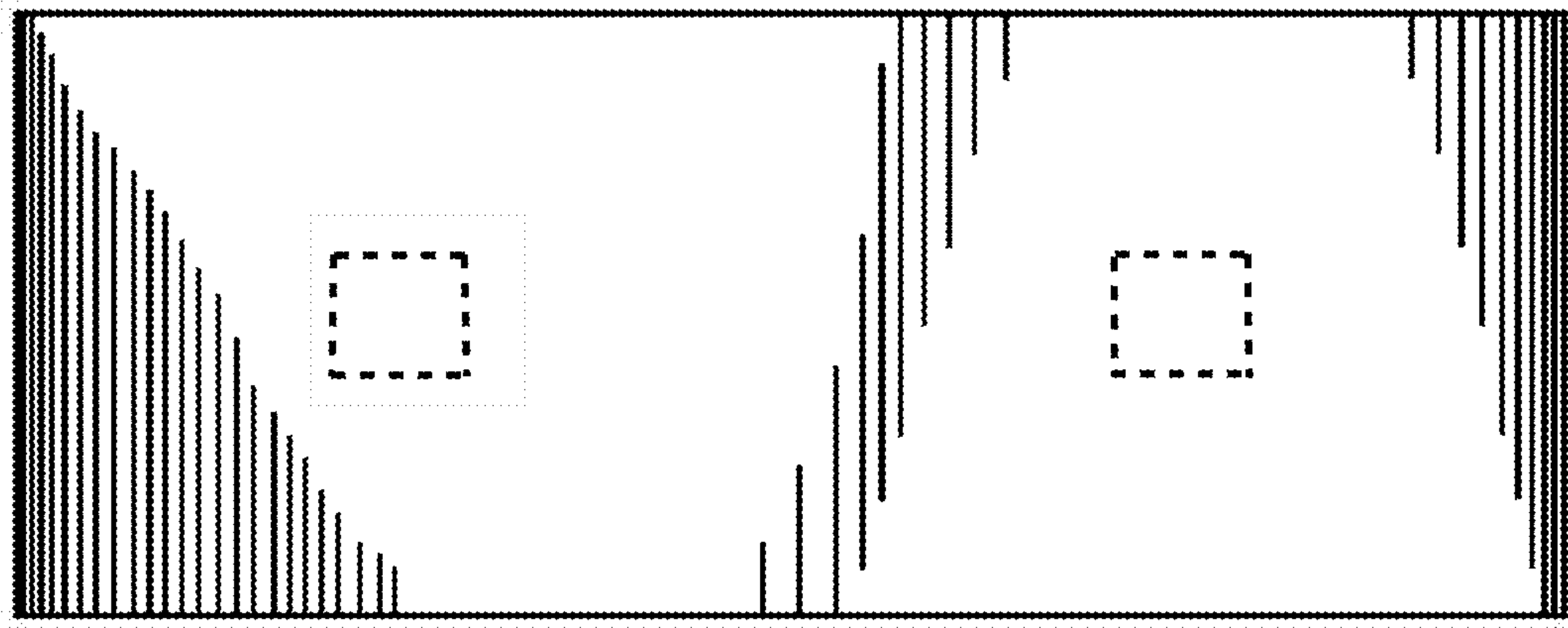


FIG. 3

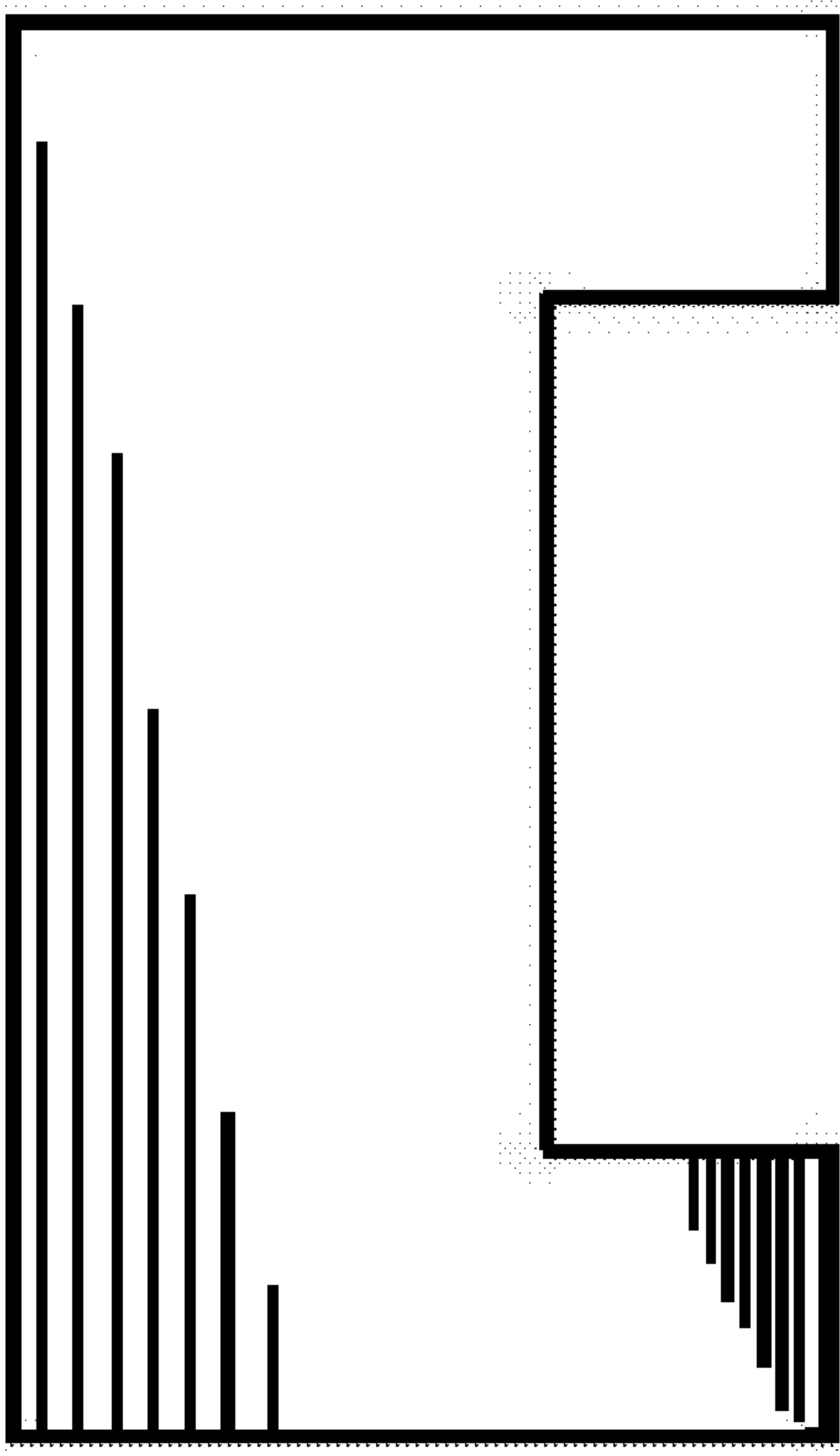


FIG. 4

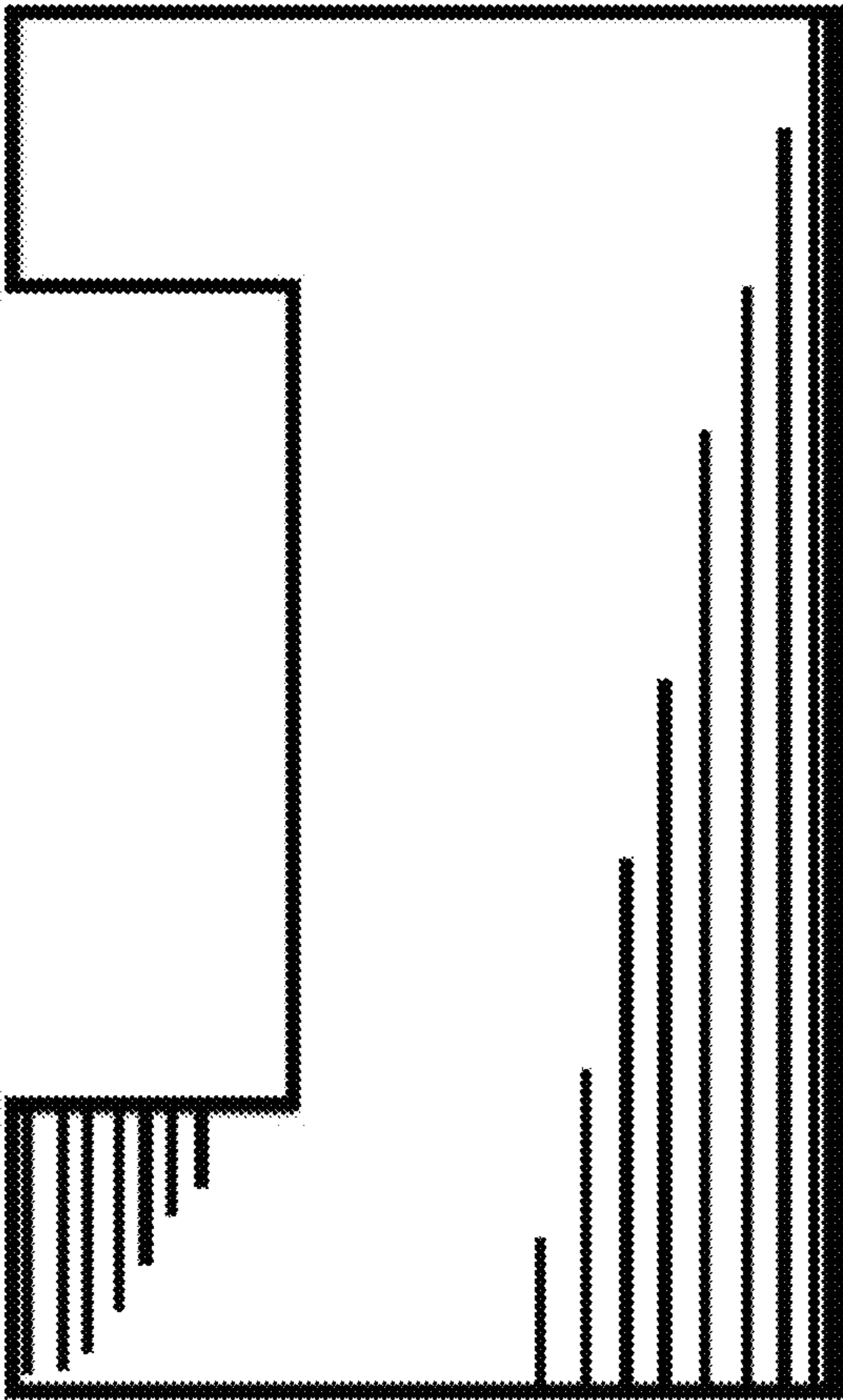


FIG. 5



FIG. 6

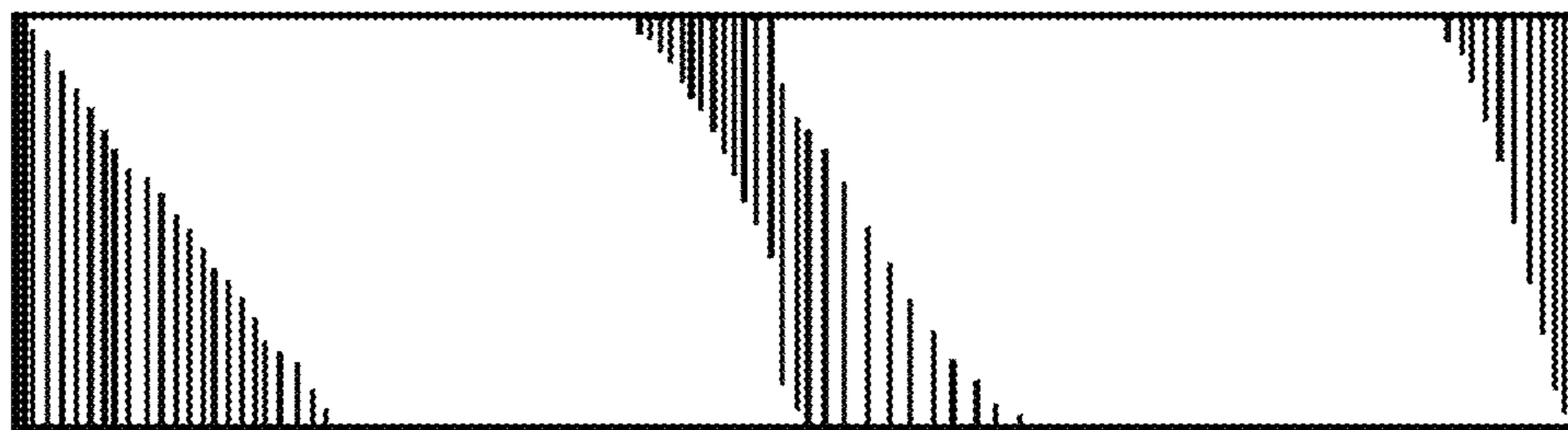


FIG. 7