



US0D1001562S

(12)

United States Design Patent

Seefeldt et al.

(10)

Patent No.:

US D1,001,562 S

(45)

Date of Patent:

** Oct. 17, 2023

(54) SOUND REFLECTOR

(71) Applicant: **Dolby Laboratories Licensing Corporation**, San Francisco, CA (US)

(72) Inventors: **Alan J. Seefeldt**, San Francisco, CA (US); **Lucas E. Saule**, San Francisco, CA (US); **Peter Michaelian**, San Francisco, CA (US); **Vincent Voron**, Saratoga, CA (US)

(73) Assignee: **DOLBY LABORATORIES LICENSING CORPORATION**, San Francisco, CA (US)

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

(21) Appl. No.: **29/751,600**

(22) Filed: **Sep. 22, 2020**

Related U.S. Application Data

(62) Division of application No. 29/645,487, filed on Apr. 26, 2018, now Pat. No. Des. 896,783.

(51) **LOC (14) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/210; D14/214; D14/302; D25/138**

(58) **Field of Classification Search**
USPC D6/657, 663, 664, 665, 668, 668.1, D6/668.2, 672, 698, 699, 699.1, 699.2, D6/699.3, 699.4, 699.5, 705; D14/140, D14/140.2, 140.5, 142, 204, 209.1, 210, D14/217, 299, 214, 302; D25/138
CPC E04B 2001/8263; E04B 2/58; E04B 1/84; E04B 2/7453; E04B 1/8209; E04B 2001/8428; E04B 2001/2481; E04B 2001/8476; E04B 1/8218; E04B 1/74; E04B

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,120,979 A * 6/1938 Hunt G10K 11/20 181/287

2,482,918 A * 9/1949 Kump, Jr. E04B 1/34815 52/762

(Continued)

OTHER PUBLICATIONS

Sound Reflectors, posted at avlonline.com, site visited Mar. 4, 2023. online, available from internet: <https://avlonline.com/reflection/> (Year: 2023).*

(Continued)

Primary Examiner — Catherine Ho

(74) *Attorney, Agent, or Firm* — McAndrews Held & Malloy, Ltd.

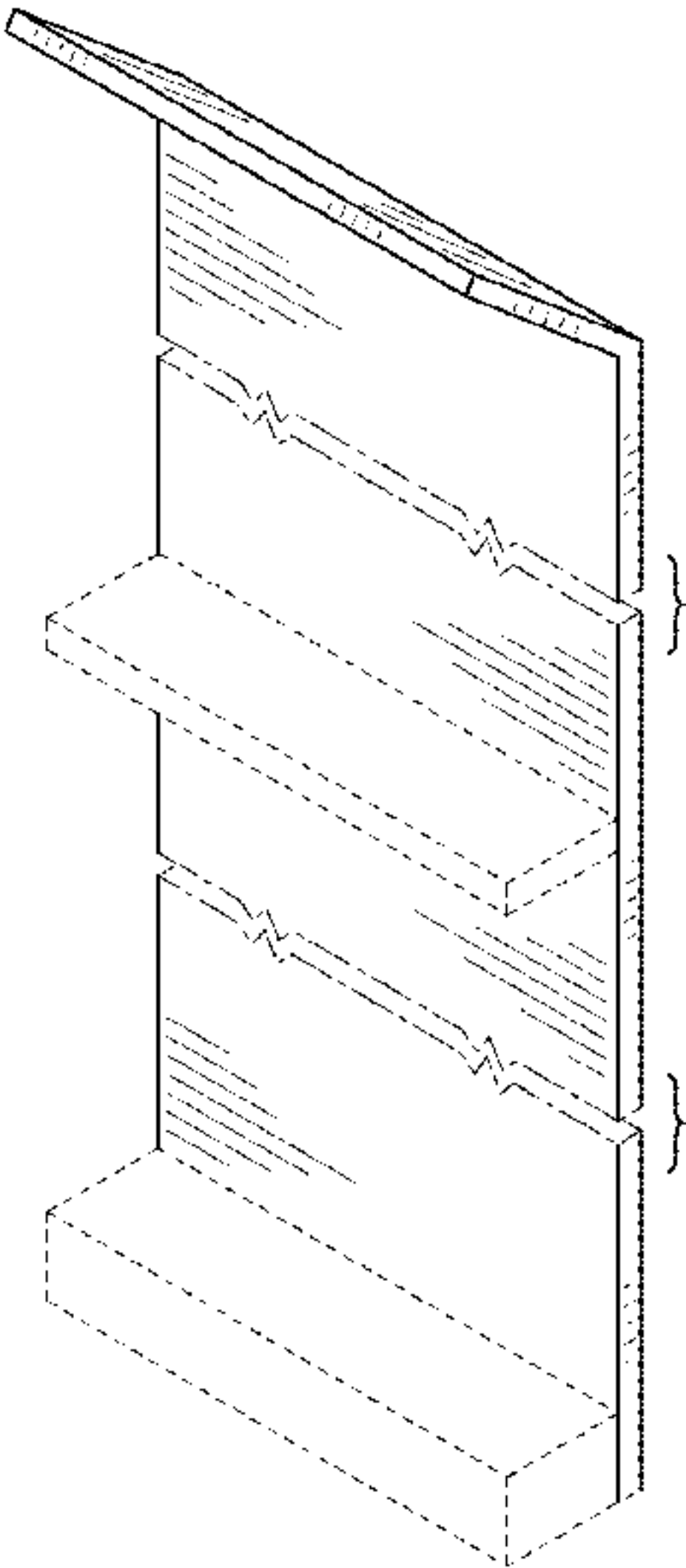
(57) **CLAIM**

The ornamental design for a sound reflector, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a sound reflector showing our new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a right side elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The dashed broken lines in the figures illustrate environment and portions of the sound reflector that form no part of the claimed design.
The sound reflector is shown with a symbolic break in its length. The pairs of adjacently-spaced jagged dot-dash broken lines in the figures form no portion of the claimed design. The appearance of any portions between such pairs of adjacently-spaced jagged, dot-dash broken lines forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



(58) **Field of Classification Search**
CPC 2/7427; E04B 2/828; G10K 11/28; G10K
11/20; G10K 2210/118
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,184,012 A * 5/1965 Ishimoto E04B 1/24
52/646
3,191,238 A * 6/1965 Olson E04C 3/42
144/346
3,343,321 A * 9/1967 Axelsson E04B 1/34315
52/489.1
3,630,309 A * 12/1971 Wenger E04B 1/8236
160/351
3,908,787 A * 9/1975 Wenger G10K 11/20
160/40
3,975,850 A * 8/1976 Giaume G09F 7/18
160/135
D250,868 S * 1/1979 Ornatek D6/671.3
4,187,651 A * 2/1980 Tolsma E04C 3/46
52/309.4
4,228,729 A * 10/1980 Messick E04D 13/17
454/238
4,444,240 A * 4/1984 Bannister E04B 2/7431
16/354
4,479,333 A * 10/1984 Hendrich E04B 7/24
52/645
D286,108 S * 10/1986 Hanlon D6/332
4,616,452 A * 10/1986 Lemerre E04H 9/02
52/302.3
4,667,833 A * 5/1987 Jamison A47F 5/105
211/198
D293,520 S 1/1988 Ovitz, III et al.
4,742,653 A * 5/1988 Napier E04B 1/3445
52/68
4,785,565 A * 11/1988 Kuffner E04B 2/7427
40/605
4,854,104 A * 8/1989 Pomento E04C 3/42
52/642
4,949,490 A * 8/1990 Miller G09F 15/0068
40/605
D312,927 S 12/1990 Martin et al.
D313,022 S * 12/1990 Flanders D14/210
D313,599 S * 1/1991 Flanders D14/210
D316,862 S * 5/1991 Flanders D14/210
5,159,792 A * 11/1992 Pomento E04B 7/028
52/642
D351,516 S 10/1994 Yeh
D357,143 S 4/1995 Woolard
5,493,818 A * 2/1996 Wilson E04B 1/3445
52/79.5
5,530,211 A * 6/1996 Rogers G10K 11/20
181/30
5,646,378 A * 7/1997 Van Haaff H04R 5/02
181/144
5,651,405 A * 7/1997 Boeddeker E04B 1/8236
52/6
5,704,175 A * 1/1998 Lewis H02G 3/0431
52/287.1
D393,160 S 4/1998 Gongora et al.

5,765,316 A * 6/1998 Kavarsky E04B 1/3442
52/234
6,076,316 A * 6/2000 Cormann F16L 3/26
52/220.1
6,085,861 A * 7/2000 Jines E04B 1/8236
52/6
6,568,134 B2 * 5/2003 Kerney E04B 7/026
52/643
7,600,608 B2 * 10/2009 Freiheit E04B 1/8236
181/287
D611,930 S 3/2010 Cho et al.
D639,774 S 6/2011 Rader et al.
D679,521 S 4/2013 Hamm et al.
8,707,631 B2 * 4/2014 Scouten E04B 1/34321
52/68
8,763,315 B2 * 7/2014 Hartman E04H 1/005
52/79.5
8,783,328 B2 * 7/2014 Melhart G10K 11/20
160/32
8,997,406 B2 * 4/2015 Vidal E04B 1/3445
52/70
9,222,250 B2 * 12/2015 Peterson E04B 1/625
D754,991 S 5/2016 Gosling et al.
D758,106 S * 6/2016 Hamm D6/672
D761,242 S * 7/2016 Voron D14/302
D761,243 S * 7/2016 Seefeldt D14/302
9,382,707 B2 * 7/2016 Thiede E04B 1/8236
D790,507 S 6/2017 Einaudi et al.
D797,705 S 9/2017 Zheng et al.
10,241,740 B2 * 3/2019 Seefeldt H04R 1/403
D866,227 S 11/2019 Burton et al.
10,524,043 B2 12/2019 Kubo et al.
D896,783 S * 9/2020 Seefeldt D14/210
11,004,438 B2 * 5/2021 Giffin G10K 11/28
D945,024 S * 3/2022 Gu D25/138
11,358,410 B2 * 6/2022 Mwamlima G09F 15/0056
2006/0060420 A1 * 3/2006 Freiheit E04B 1/8236
181/287
2016/0180831 A1 * 6/2016 Boden H04R 1/345
181/175
2017/0089066 A1 * 3/2017 Gosling E04B 2/7453
2019/0325858 A1 * 10/2019 Giffin G10K 11/28
2022/0238003 A1 * 7/2022 Kiciak G01D 7/00

OTHER PUBLICATIONS

CalArts, posted at designcurial.com, posted in 2010, site visited May 23, 2023. online, available from internet: <https://www.designcurial.com/news/ncsea-honours-thornton-tomasetti-for-calarts-wild-beast-music-pavilion> (Year: 2010).*

Acoustic wood panel, posted on Mar. 29, 2017, site visited May 23, 2023. online, available from internet: <https://www.pinterest.com/pin/acoustic-wood-panels-daniel-sheen--99642210486269625/> (Year: 2017).*

Auditorium, posted at iarch.cn, posted on Mar. 15, 2016, site visited May 23, 2023. online, available from internet: <http://www.iarch.cn/thread-31691-1-1.html> (Year: 2016).*

Nagata, posted at nagata-i.com, posted in 2009, site visited May 23, 2023. online, available from internet: <https://www.nagata-i.com/portfolio/danish-radio-concert-hall/> (Year: 2009).*

* cited by examiner

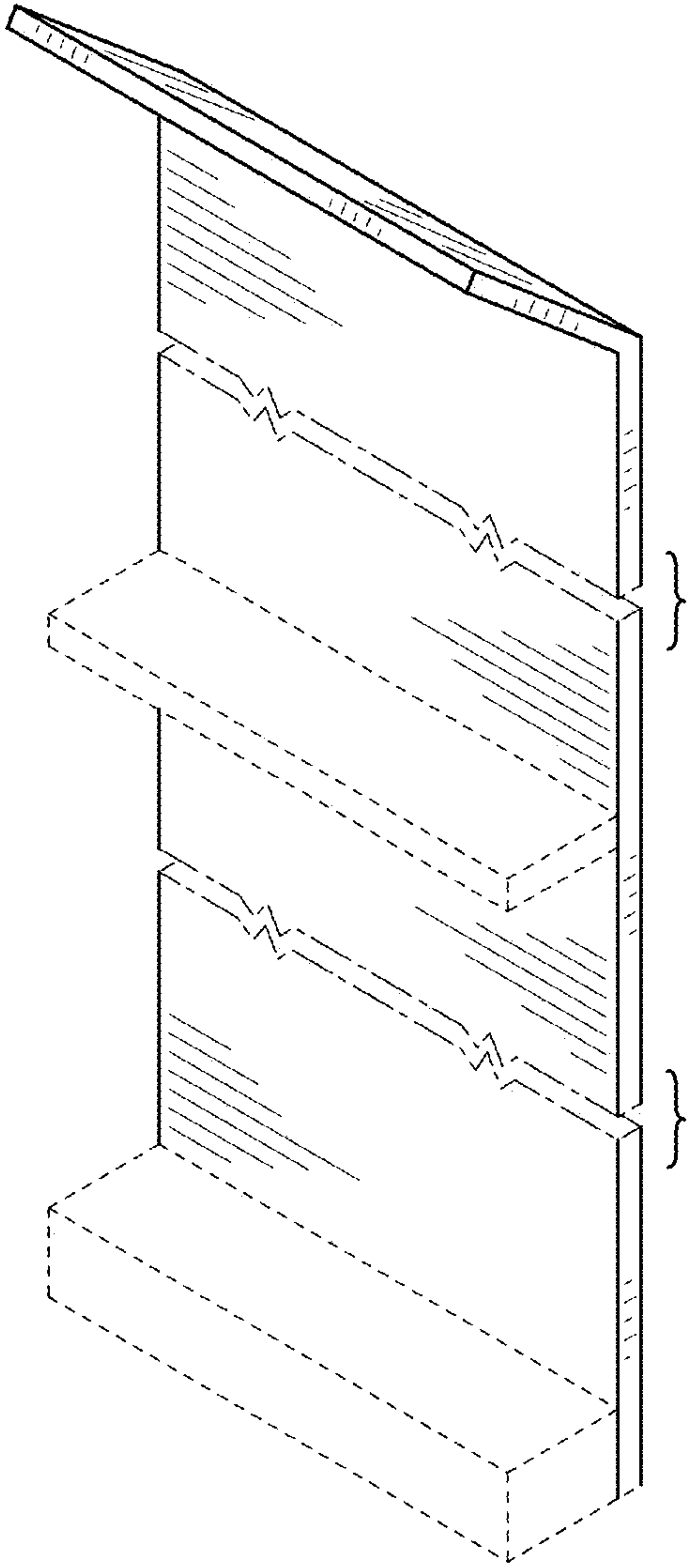


FIG. 1

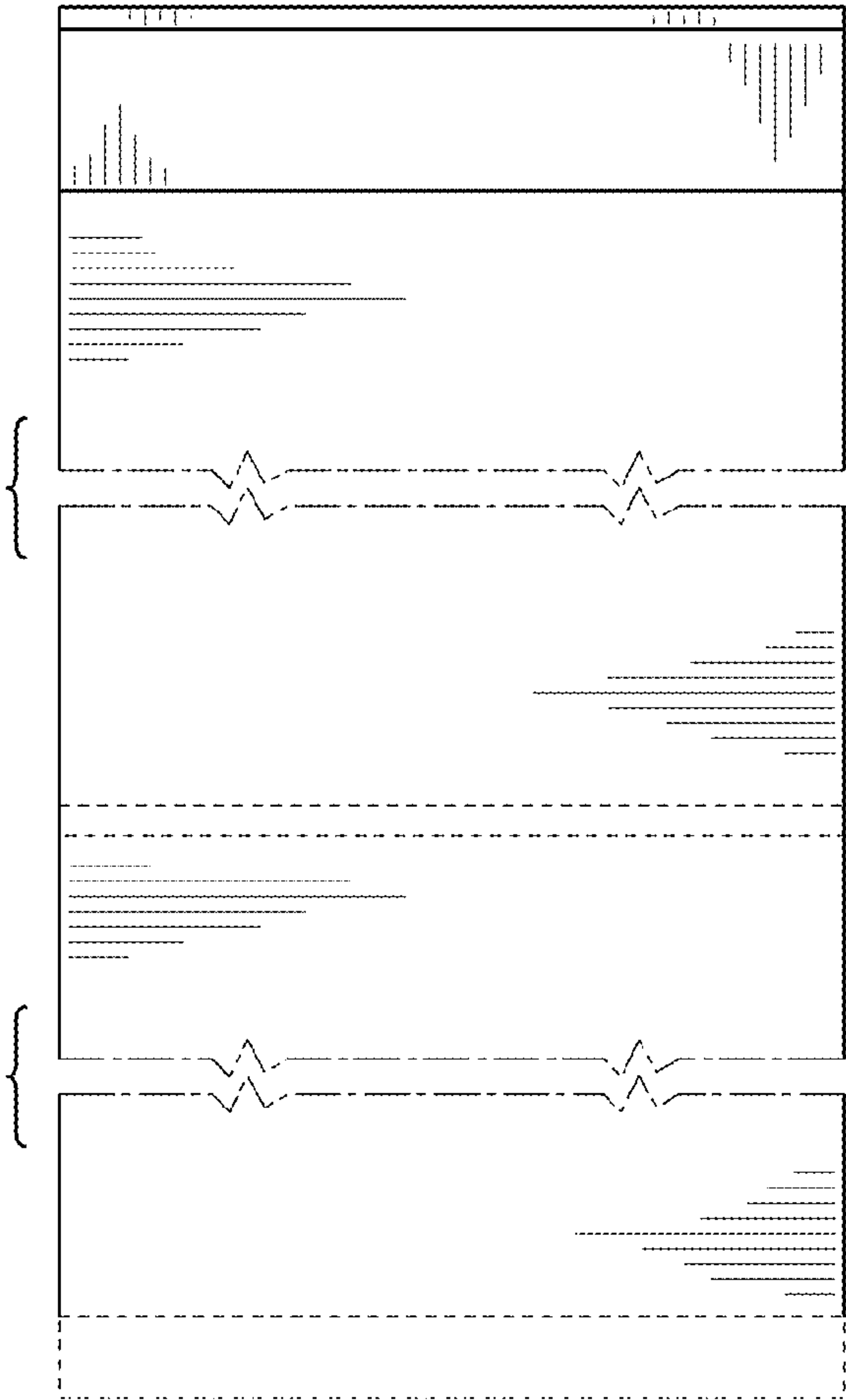


FIG. 2

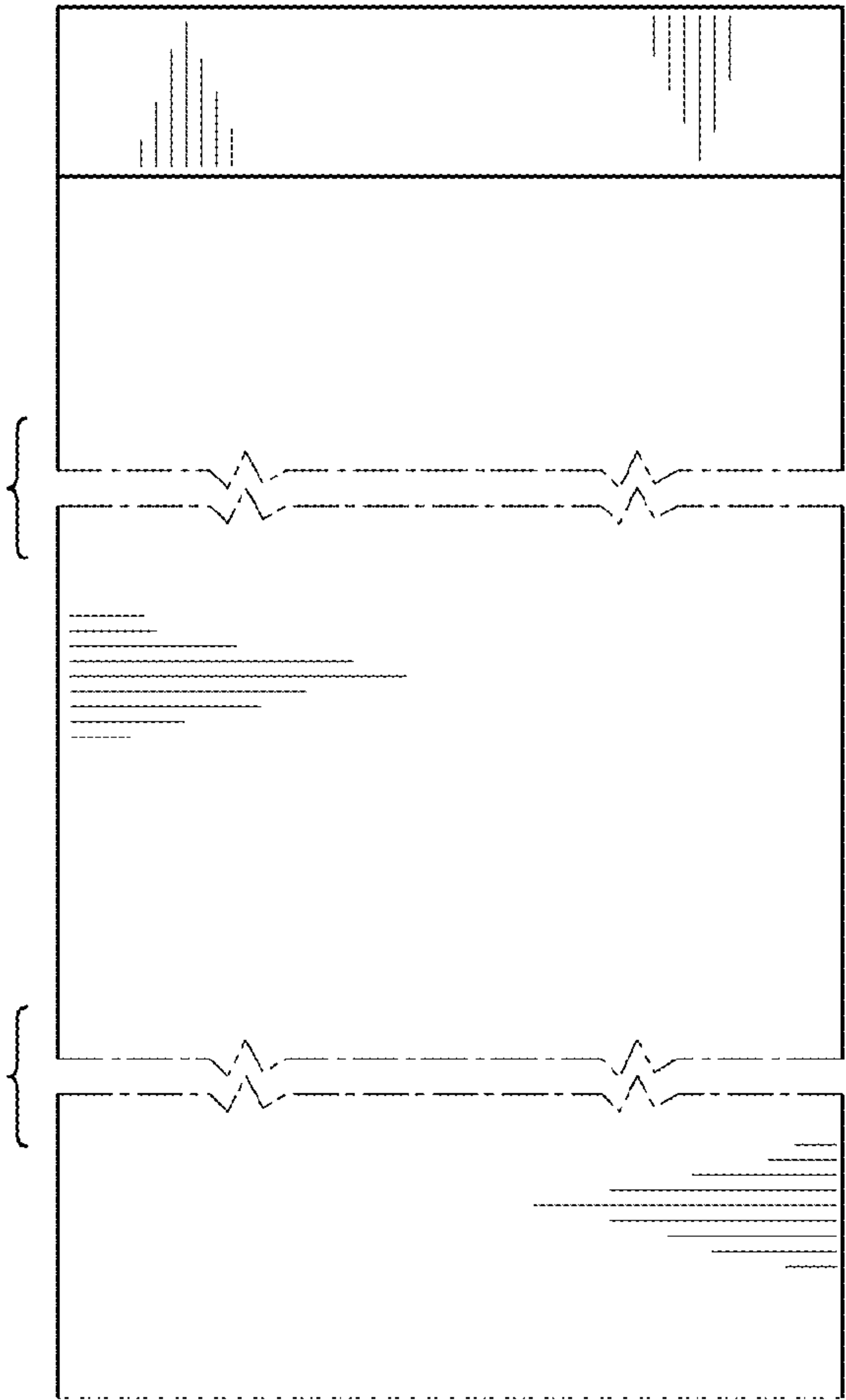


FIG. 3

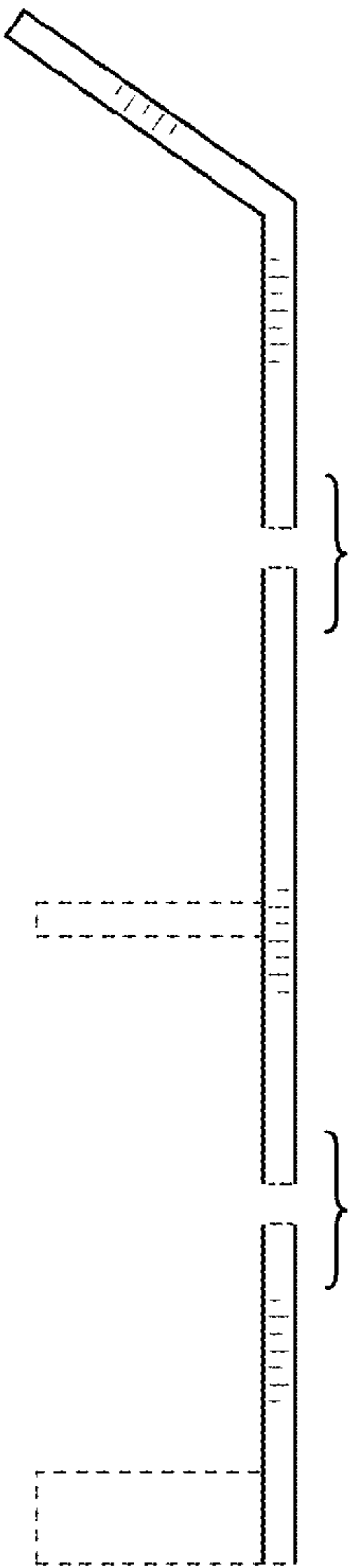


FIG. 4

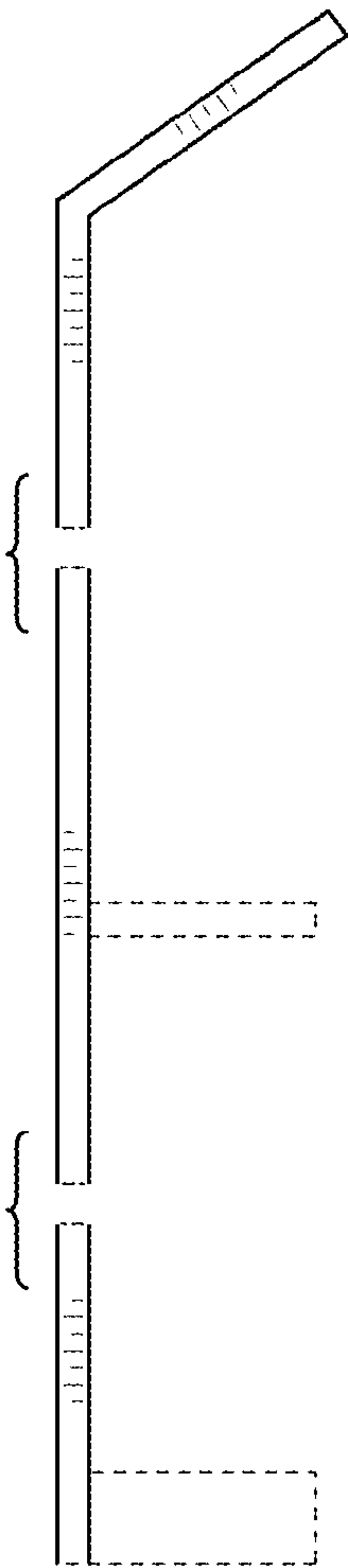


FIG. 5

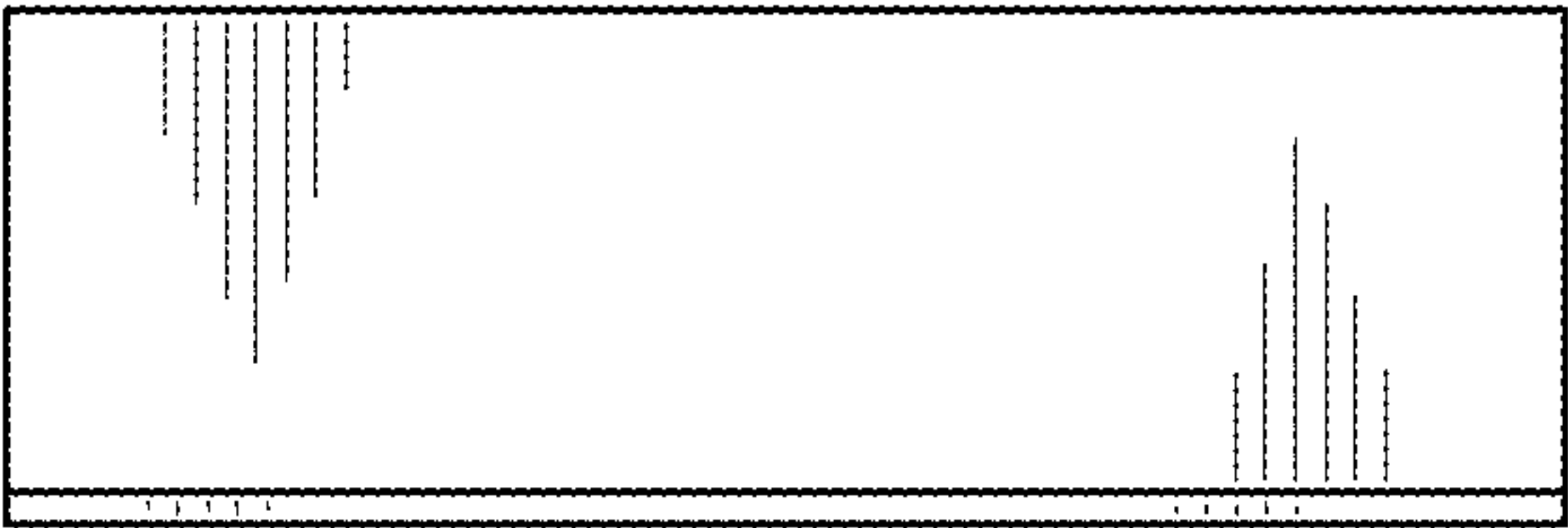


FIG. 6

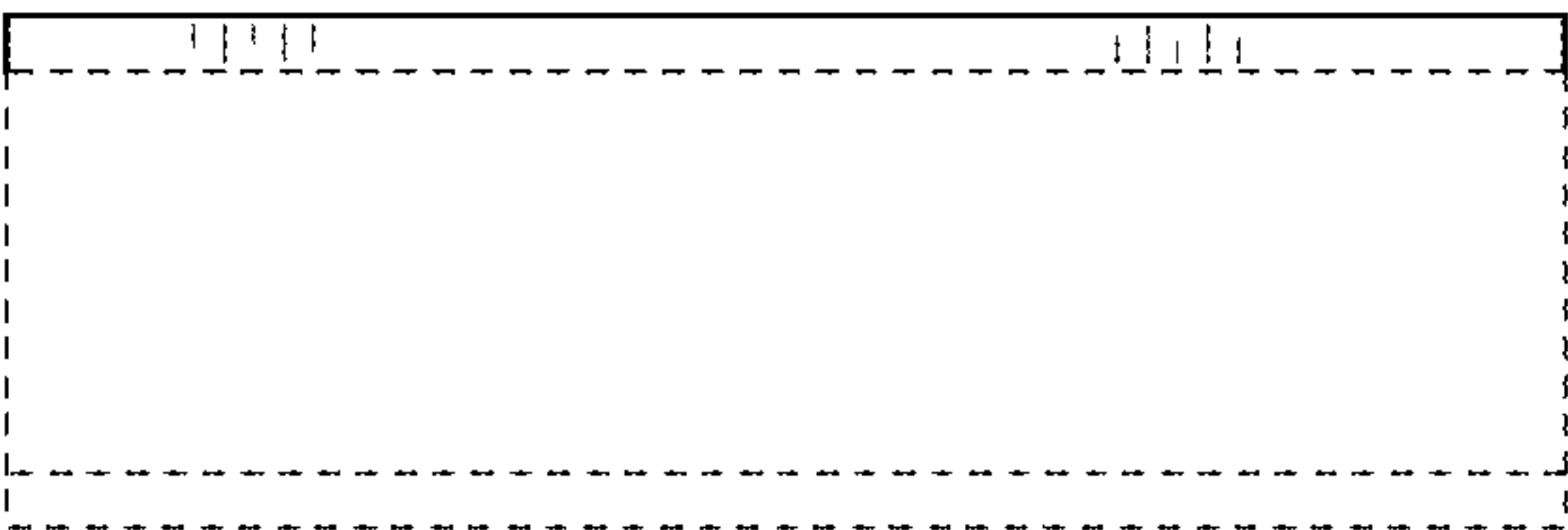


FIG. 7