



US00D804409S

(12) **United States Design Patent** (10) **Patent No.:** **US D804,409 S**
Cho et al. (45) **Date of Patent:** **** Dec. 5, 2017**

(54) **MOBILE PHONE WITH BATTERY**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)

CN 303691766 * 6/2016
KR 300630650.0000 * 2/2012
KR 300630659.0000 * 2/2012

(72) Inventors: **Youngjoo Cho**, Seoul (KR); **Youngho Kim**, Seoul (KR); **Hyon Kim**, Seoul (KR)

OTHER PUBLICATIONS

(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

Android Community. <URL: <https://androidcommunity.com/new-lg-g5-and-friends-shown-off-in-official-product-videos-20160222/>> Feb. 22, 2016. LG modular phone battery.*

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

(Continued)

(21) Appl. No.: **29/565,788**

Primary Examiner — Bridget L Eland

(22) Filed: **May 24, 2016**

Assistant Examiner — Lauren McVey

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

Nov. 25, 2015 (KR) 30-2015-0059397

(51) **LOC (10) Cl.** **13-02**

(57) **CLAIM**

(52) **U.S. Cl.**

USPC **D13/103**; D14/248

The ornamental design for a mobile phone with battery, as shown and described.

(58) **Field of Classification Search**

USPC D13/103, 108; D14/138 R, 138 AA, D14/138 AB, 138 AC, 138 C, 341, 432, D14/138 G, 239, 496, 203.3, 138 AD, D14/248; D20/10

CPC G06F 1/1601; G06F 1/16; G06F 3/037; G06F 3/0481; G06F 1/1632; G06F 3/1423; F16M 11/10; H04B 1/3883; H01M 2/0404; H01M 2/026

See application file for complete search history.

DESCRIPTION

FIG. 1 is a perspective view of a mobile phone with battery showing our new design;
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 plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is another front view thereof, shown with environment.

(56) **References Cited**

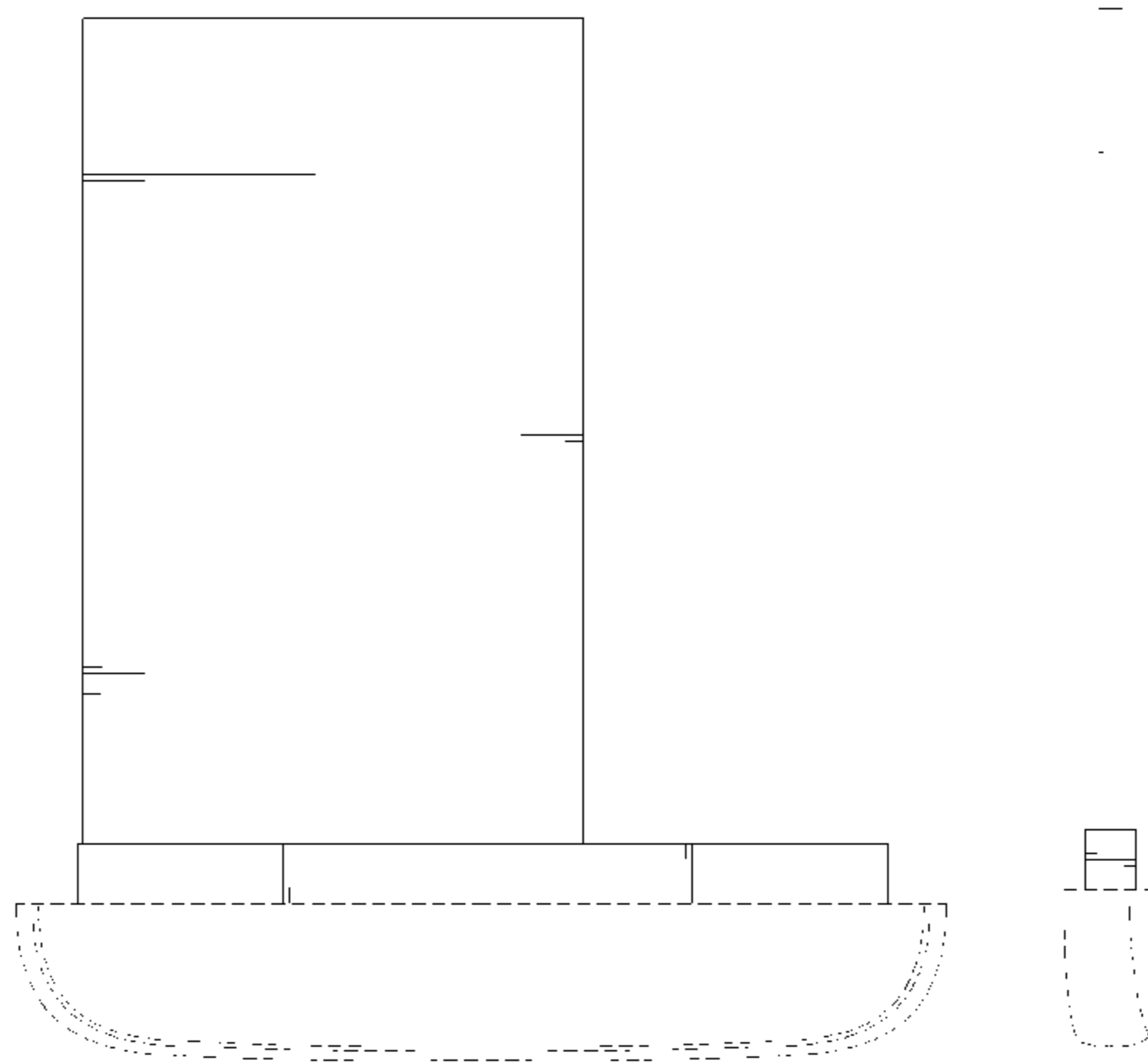
U.S. PATENT DOCUMENTS

D328,733 S * 8/1992 Seymour D13/103
D331,566 S * 12/1992 Seymour D13/103
D349,095 S * 7/1994 Gorenz, Jr. D13/103
D349,882 S * 8/1994 Johnson D13/103
D367,640 S * 3/1996 Nagele D13/103
6,456,039 B1 * 9/2002 Lauper G06K 19/07758
320/107

The dash-dot broken lines represent the bounds of the claimed design, while all other broken lines are directed to environment; the broken lines form no part of the claimed design.

(Continued)

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D481,008 S * 10/2003 Wade D13/103
D492,248 S * 6/2004 Gregory D13/103
D520,444 S * 5/2006 Liu D13/103
D521,445 S * 5/2006 Liu D13/103
D521,446 S * 5/2006 Liu D13/103
D539,851 S * 4/2007 Dixon D20/15
D600,640 S * 9/2009 Stein D13/103
D601,955 S * 10/2009 Ekmekdje D13/102
D681,584 S * 5/2013 Sung D14/138 G
D687,002 S * 7/2013 Song D14/138 G
D709,442 S * 7/2014 Kwon D13/103
D721,346 S * 1/2015 Lee D14/138 G
D724,533 S * 3/2015 Kwon D13/103
D737,234 S * 8/2015 Kim D14/126
D741,279 S * 10/2015 Tai D14/138 G
D751,983 S * 3/2016 Lin D13/103

D769,810 S * 10/2016 Lin D13/103
D788,030 S * 5/2017 Park D13/103
9,692,864 B1 * 6/2017 Arikat H04M 1/21
2006/0164031 A1 * 7/2006 Leem H01M 2/1066
320/101

OTHER PUBLICATIONS

TechCrunch. <URL: <https://techcrunch.com/2016/02/21/lg-announces-modular-android-phone-vr-headset/>.> Feb. 21, 2016. LG modular phone battery.*
BBC News. <URL: <http://www.bbc.com/news/technology-35623823>.> Feb. 21, 2016. LG G5 smartphone modules.*
Water Feature Supply. <URL: http://www.waterfeaturesupply.com/custom-waterfall-gallery/pages/campbell_fullpage2.ht.> Visited Jul. 20, 2017. Water fountain.*

* cited by examiner

FIG. 1

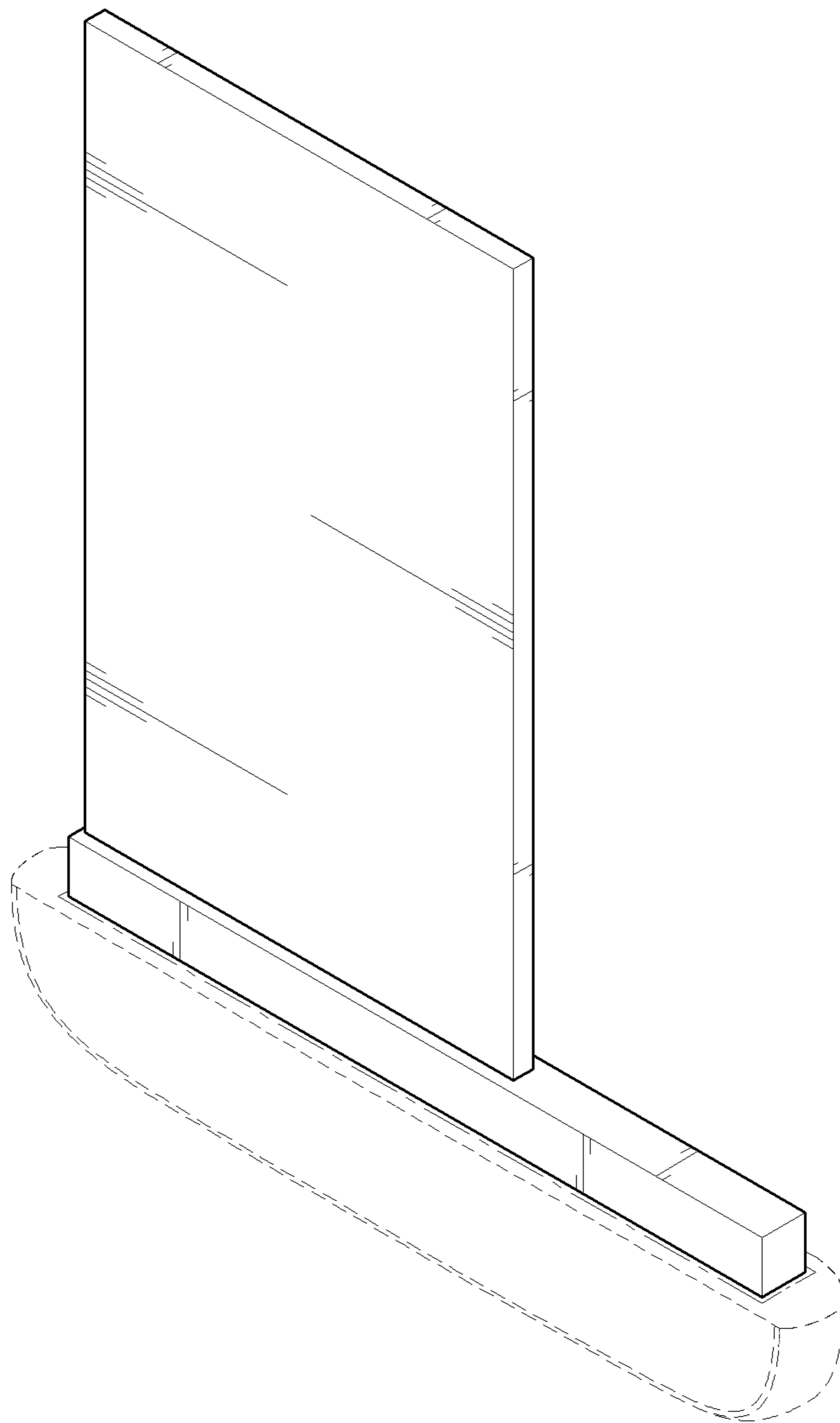


FIG. 2

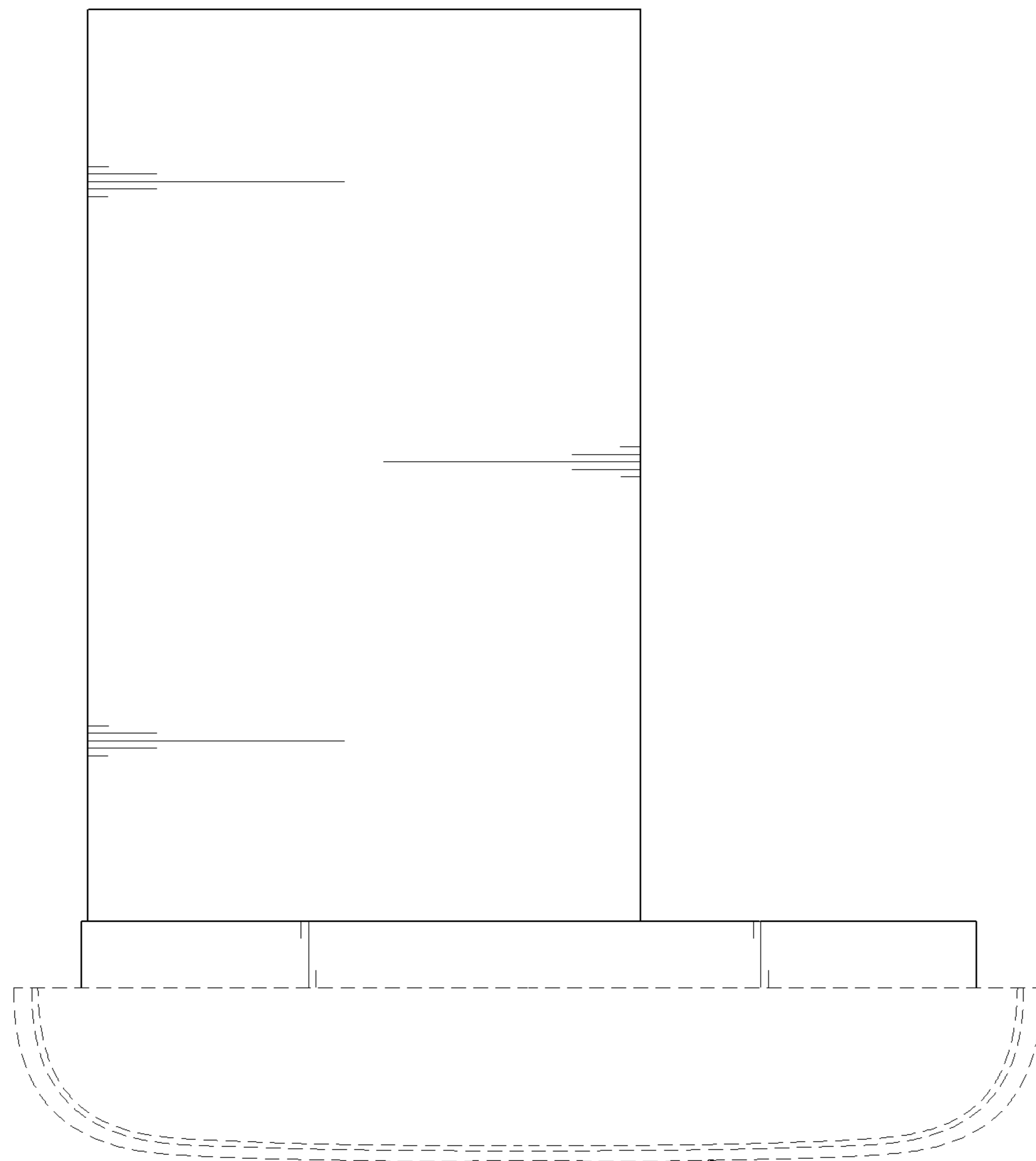


FIG. 3

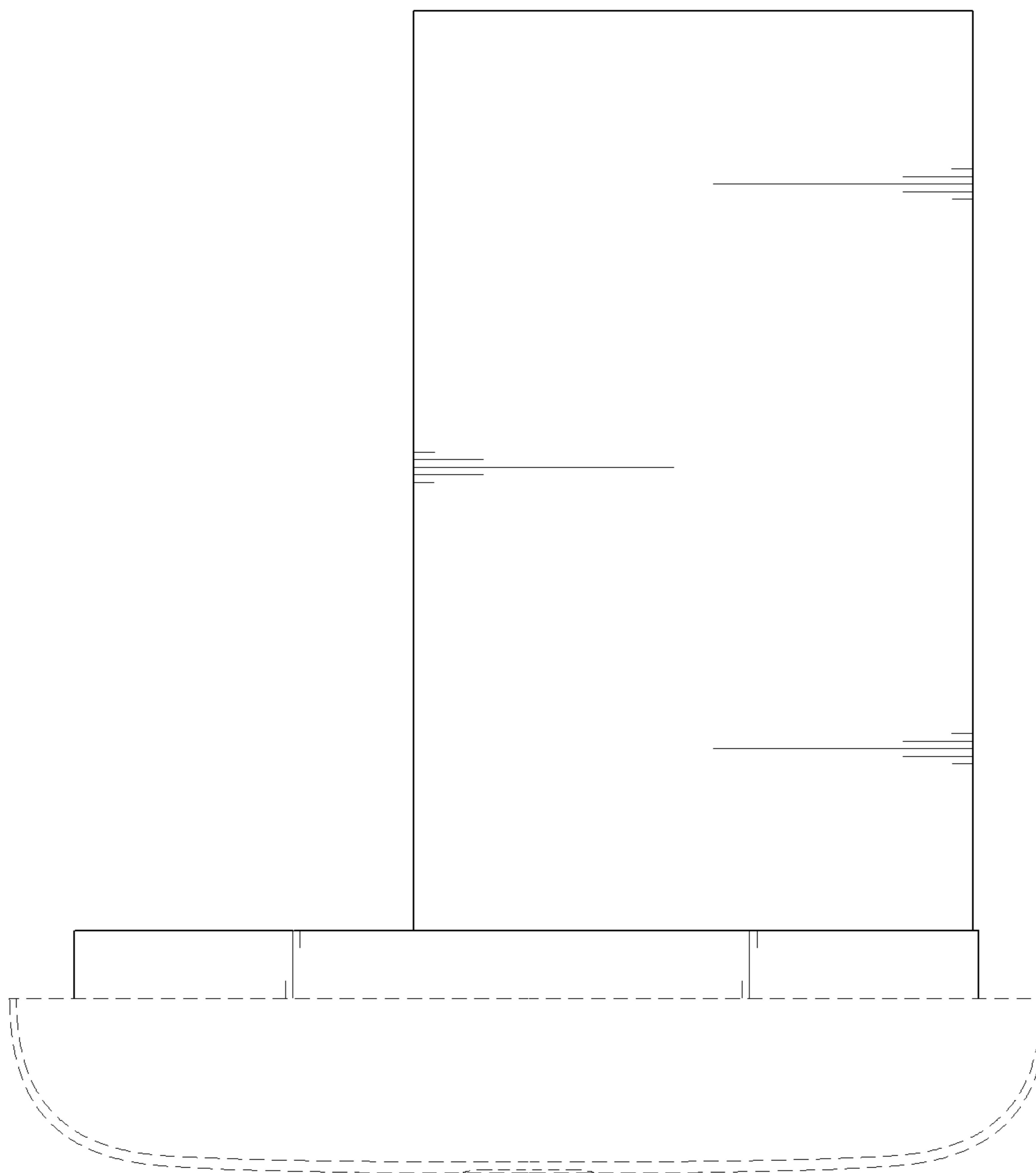


FIG. 4

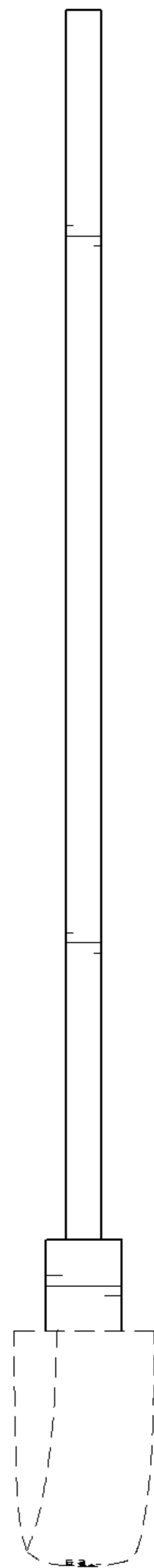


FIG. 5

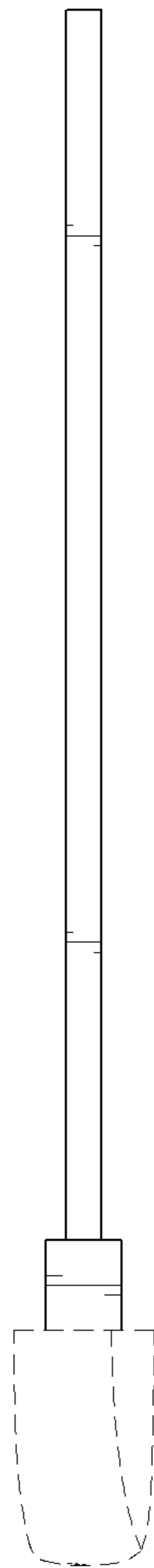


FIG. 6



FIG. 7

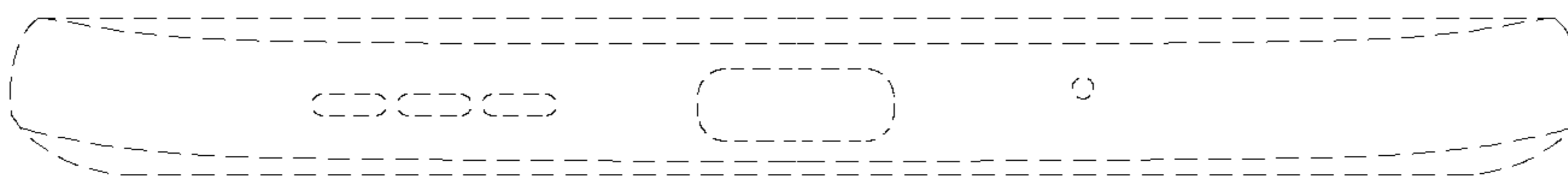


FIG. 8

