



US0D1029778S

(12)

United States Design Patent

Dunn et al.

(10)

Patent No.:

US D1,029,778 S

(45)

Date of Patent:

** Jun. 4, 2024

(54) ELECTRONIC DISPLAY ASSEMBLY
STRUCTURE

(71) Applicant: Manufacturing Resources
International, Inc., Alpharetta, GA
(US)

(72) Inventors: William Dunn, Alpharetta, GA (US);
Mike Brown, Cumming, GA (US)

(73) Assignee: Manufacturing Resources
International, Inc., Alpharetta, GA
(US)

(**) Term: 15 Years

(21) Appl. No.: 29/893,839

(22) Filed: Jun. 2, 2023

(51) LOC (14) Cl. 14-02

(52) U.S. Cl.
USPC D14/126; D20/10

(58) Field of Classification Search
USPC D14/300, 307, 336, 371, 373, 374, 375,
D14/376, 377, 380, 381, 382, 432, 448,
(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

2,029,221 A 1/1936 Burgess et al.
2,678,860 A 5/1954 Peterson
(Continued)

FOREIGN PATENT DOCUMENTS

AU 2015229457 B2 3/2019
AU 2019315350 B2 9/2022
(Continued)

OTHER PUBLICATIONS

The Free Dictionary, Bolt—Definition of bolt by The Free Diction-
ary, Jun. 15, 2016, 1 Page.

(Continued)

Primary Examiner — Marie D. Fast Horse

Assistant Examiner — Josiah D. Parsons

(74) Attorney, Agent, or Firm — Standley Law Group
LLP; Jeffrey S. Standley; Adam J. Smith

(57) CLAIM

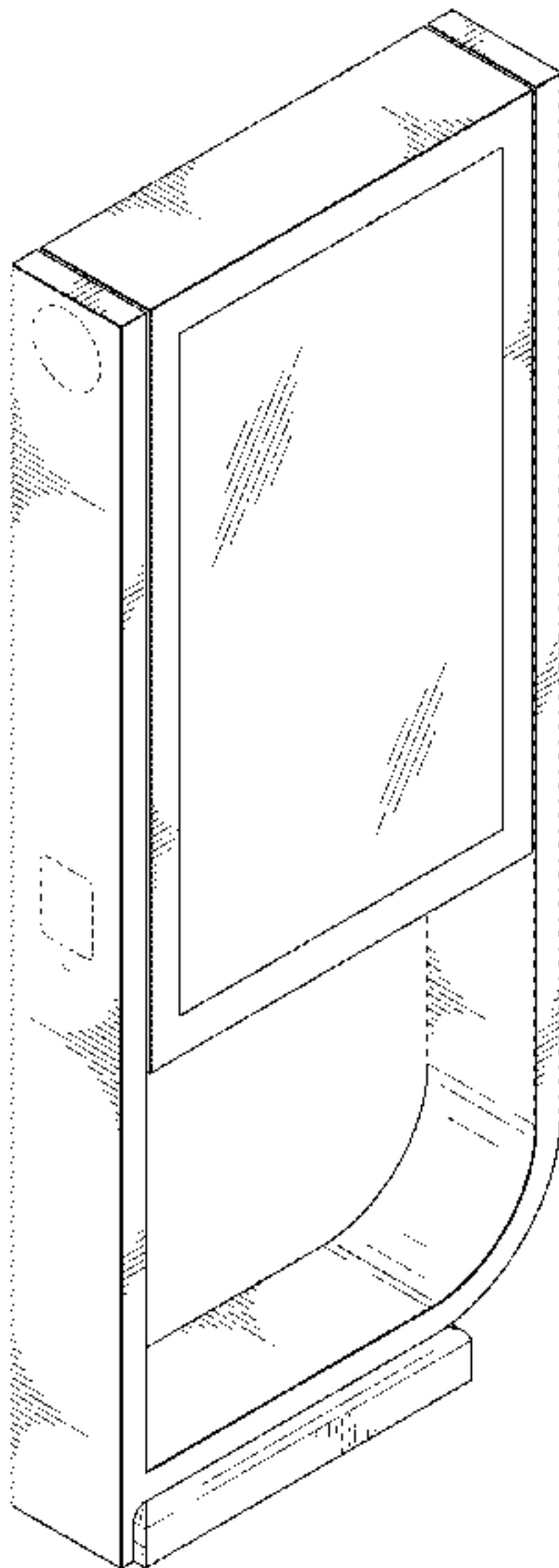
The ornamental design for an electronic display assembly
structure, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an electronic display
assembly structure;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is another front perspective view thereof, shown in an
environmental state of use;
FIG. 9 is a front perspective view of another embodiment of
an electronic display assembly structure;
FIG. 10 is a front elevation view thereof;
FIG. 11 is a rear elevation view thereof;
FIG. 12 is a right side view thereof;
FIG. 13 is a left side view thereof;
FIG. 14 is a top view thereof;
FIG. 15 is a bottom view thereof; and,
FIG. 16 is another front perspective view thereof, shown in
an environmental state of use.

The broken lines showing graphical content on the display
surface in FIGS. 8 and 16 depict unclaimed environment
only and form no part of the claim, while all other broken
lines in the drawings depict portions of the electronic display
assembly structure that form no part of the claimed design.

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**

USPC D14/449, 450, 451, 125, 126, 127, 128,
D14/129, 133, 239, 299, 900, 901, 902;
D21/324, 325, 326, 327, 328, 329, 331,
D21/332, 333, 663, 668, 669, 694, 696,
D21/697

CPC G02F 1/133308; G02F 1/133311; G06F
1/1601; G06F 1/1605; G06Q 30/0237;
G06Q 30/0238; G06Q 20/18; G09F
15/00; G09F 15/0006; G09F 15/0012;
G09F 2007/1834; G09F 9/30; G09F
9/301; G09F 9/33; G09F 9/335; G09F
9/35; G09F 27/00; G09F 27/005; G09G
3/03; G07F 17/3211; G07F 17/3202;
G07F 17/3209; G07F 17/3216

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D195,829	S	8/1963	Paster	6,494,429	B2	12/2002	Tajima
D196,039	S	8/1963	Hollaender	D472,223	S	3/2003	Wilmotte
D204,056	S	3/1966	Barfley et al.	6,557,284	B2	5/2003	Nolan
3,587,186	A	6/1971	Lane	D479,859	S	9/2003	Strunk et al.
D222,989	S	2/1972	Cohen	6,639,571	B2	10/2003	Wang
3,762,109	A	10/1973	Cohen	D483,074	S	12/2003	Strunk et al.
3,984,931	A	10/1976	Belokin, Jr.	D486,188	S	2/2004	Norcross et al.
D252,215	S	6/1979	Leuthesser	D487,519	S	3/2004	Staubach et al.
4,169,327	A	10/1979	Stilling	6,748,685	B2	6/2004	Peel
4,267,657	A	5/1981	Kloke	6,758,002	B1	7/2004	Duguay
4,327,513	A	5/1982	de Gunzburg	D493,842	S	8/2004	Norcross et al.
4,452,000	A	6/1984	Gandy	D500,143	S	12/2004	Moncho et al.
4,547,987	A	10/1985	Stilling	D505,113	S	5/2005	Lam
D285,810	S	9/1986	Glasener	6,962,528	B2	11/2005	Yokota
D286,074	S	10/1986	Corte	6,976,330	B2	12/2005	Milliken
4,718,185	A	1/1988	Conlin et al.	D514,913	S	2/2006	Dunn et al.
4,759,143	A	7/1988	Pomerleau	D530,432	S	10/2006	Gottesdiener
4,817,317	A	4/1989	Kovalak, Jr.	D530,686	S	10/2006	Reza
4,903,423	A	2/1990	Hinca	D535,034	S	1/2007	Gottesdiener
4,905,390	A	3/1990	Stilling	D542,849	S	5/2007	Hill et al.
D311,722	S	10/1990	Cheng	7,210,839	B2	5/2007	Jung et al.
5,025,355	A	6/1991	Harwood	D544,848	S	6/2007	Marz et al.
5,179,367	A	1/1993	Shimizu	7,226,176	B1	6/2007	Huang
D336,136	S	6/1993	Foster	7,292,435	B2	11/2007	She
5,299,109	A	3/1994	Grondal	D560,668	S	1/2008	Pritchard et al.
D357,944	S	5/1995	Atwell et al.	7,339,782	B1	3/2008	Landes et al.
5,423,142	A	6/1995	Douglas et al.	D585,943	S	2/2009	Pymm et al.
5,457,905	A	10/1995	Kaplan	7,513,830	B2	4/2009	Hajder et al.
5,493,802	A	2/1996	Simson	D593,213	S	5/2009	Grimshaw et al.
D373,120	S	8/1996	Andre et al.	D595,645	S	7/2009	Beghelli
D380,191	S	6/1997	White	D595,678	S	7/2009	Dunn
5,717,424	A	2/1998	Simson et al.	7,589,958	B2	9/2009	Smith
D393,008	S	3/1998	Hiraguchi et al.	7,591,508	B2	9/2009	Chang
5,755,050	A	5/1998	Aiken	7,601,067	B2	10/2009	Anderson
D398,653	S	9/1998	Hiraguchi et al.	7,609,506	B2	10/2009	Aguirre
5,803,424	A	9/1998	Keehn et al.	D603,973	S	11/2009	Jackson et al.
D403,434	S	12/1998	Sander	D608,775	S	1/2010	Leung
D408,554	S	4/1999	Dinwoodie	D610,536	S	2/2010	Brumels
D409,759	S	5/1999	Foster	7,768,775	B2	8/2010	Kim
D410,036	S	5/1999	Washington	D627,397	S	11/2010	Horn D20/39
5,899,027	A	5/1999	St. Louis	D628,968	S	12/2010	Desai et al.
D410,751	S	6/1999	Meier	D631,097	S	1/2011	Giugiaro D20/41
D415,736	S	10/1999	Witte	D635,614	S	4/2011	Yan
6,050,833	A	4/2000	Danzyger et al.	D639,800	S	6/2011	Magruder
6,172,869	B1	1/2001	Hood, III et al.	7,965,039	B2	6/2011	Watanabe et al.
6,198,222	B1	3/2001	Chang	7,985,139	B2	7/2011	Lind et al.
6,231,446	B1	5/2001	Majima et al.	8,006,435	B2	8/2011	DeBlonk et al.
D453,194	S	1/2002	Gentelia et al.	8,016,452	B2	9/2011	Dunn
D455,789	S	4/2002	Schlueter	D646,269	S	10/2011	Crick, Jr. et al.
6,396,239	B1	5/2002	Benn et al.	D653,662	S	2/2012	Park et al.
6,405,463	B1	6/2002	Roddy et al.	D654,116	S	2/2012	McDougall et al.
D461,785	S	8/2002	Wilmotte D14/126	8,116,081	B2	2/2012	Crick, Jr.
6,469,752	B1	10/2002	Ishikawa et al.	D657,421	S	4/2012	Yan
D467,561	S	12/2002	Kosciolek	D657,422	S	4/2012	Yan
				D659,259	S	5/2012	Duddy
				D662,040	S	6/2012	Yang et al.
				D665,029	S	8/2012	Krapf et al.
				D669,938	S	10/2012	Lard et al.
				D671,885	S	12/2012	Steinau
				8,418,387	B2	4/2013	Swatt et al.
				8,537,302	B2	9/2013	Dunn
				D696,658	S	12/2013	Winston et al.
				D704,265	S	5/2014	Yan
				D710,298	S	8/2014	Jie et al.
				8,819,968	B1	9/2014	Van Beek
				D717,472	S	11/2014	Indio da Costa et al.
				8,895,836	B2	11/2014	Amin et al.
				8,919,778	B2	12/2014	Fodera
				D728,557	S	5/2015	Soares D14/307
				D739,464	S	9/2015	Liu D14/371
				9,121,391	B1	9/2015	Koehler, III
				D740,966	S	10/2015	Indio da Costa et al.
				D747,222	S	1/2016	Indio da Costa D20/41
				D747,816	S	1/2016	Indio da Costa et al.
				9,235,232	B2	1/2016	King
				D752,529	S	3/2016	Loretan et al.
				9,282,676	B1	3/2016	Diaz
				D754,256	S	4/2016	Maman et al.
				9,313,447	B2	4/2016	Dunn et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

9,317,060 B2	4/2016	Dunn et al.	
D757,180 S *	5/2016	Indio da Costa	D20/41
D759,617 S *	6/2016	Soares	D14/126
D775,622 S	1/2017	Fu et al.	
D777,695 S	1/2017	Odryna et al.	
D783,596 S	4/2017	Payne et al.	
D786,453 S	5/2017	Indio da Costa et al.	
D786,454 S	5/2017	Indio da Costa et al.	
9,655,289 B2	5/2017	Dunn et al.	
D791,069 S	7/2017	Mota et al.	
9,703,320 B2	7/2017	Bowers et al.	
D795,453 S	8/2017	Indio da Costa et al.	
D797,658 S	9/2017	Feller et al.	
9,756,739 B2	9/2017	Russell-Clarke et al.	
D804,054 S	11/2017	Indio da Costa et al.	
9,823,690 B2	11/2017	Bowers et al.	
D806,895 S	1/2018	Terashima et al.	
D807,840 S	1/2018	Lee et al.	
9,857,618 B2	1/2018	Barnes	
D813,802 S	3/2018	Krantz et al.	
D816,624 S	5/2018	Odryna et al.	
D817,288 S	5/2018	Won et al.	
D820,798 S	6/2018	Yurusov	
D831,599 S	10/2018	Chong et al.	
10,143,106 B2	11/2018	Diaz	
D835,926 S	12/2018	Abatemarco, Jr.	
D839,352 S	1/2019	Lim et al.	
10,212,845 B2	2/2019	Dunn et al.	
D844,554 S	4/2019	Franklin	
10,278,311 B2	4/2019	DeMars	
10,290,243 B2	5/2019	Lanham	
D850,438 S	6/2019	Koenigsknecht et al.	
D852,273 S	6/2019	Lim et al.	
D854,089 S	7/2019	Topcuoglu	
D856,530 S	8/2019	Oskoui	
10,398,058 B2	8/2019	Diaz	
10,401,016 B2	9/2019	Coo	
D861,623 S	10/2019	Odryna et al.	
D861,625 S	10/2019	Ahn et al.	
D863,597 S	10/2019	Li et al.	
D864,957 S *	10/2019	Yüksek	D14/349
D864,958 S *	10/2019	Yüksek	D14/349
D870,724 S *	12/2019	Yüksek	D14/349
D873,268 S *	1/2020	Yüksek	D14/354
D876,346 S	2/2020	Mercer et al.	
D879,096 S	3/2020	Yüksek et al.	
D879,202 S	3/2020	Hornsby et al.	
10,602,626 B2	3/2020	Dunn	
D880,591 S	4/2020	Lee et al.	
D883,278 S	5/2020	Yepez et al.	
D885,382 S	5/2020	Kim et al.	
10,716,224 B2	7/2020	Dunn et al.	
10,757,844 B2	8/2020	Dunn et al.	
D900,221 S *	10/2020	Dance	D20/39
10,820,445 B2	10/2020	Diaz	
10,827,644 B2	11/2020	Diaz	
10,827,657 B2	11/2020	Lee	
10,831,050 B2	11/2020	Dunn et al.	
10,844,995 B1	11/2020	Wang et al.	
10,925,174 B2	2/2021	Dunn et al.	
D913,276 S	3/2021	Dunn	
D913,277 S	3/2021	Dunn	
D913,278 S	3/2021	Dunn	
D916,189 S	4/2021	Dunn	
D916,190 S	4/2021	Dunn	
D916,319 S	4/2021	Dunn	
D916,971 S	4/2021	Dunn	
D916,972 S	4/2021	Dunn	
D916,973 S	4/2021	Dunn	
D916,974 S	4/2021	Dunn	
D916,975 S	4/2021	Dunn	
D916,976 S	4/2021	Dunn	
D916,977 S	4/2021	Dunn	
10,999,941 B2	5/2021	Dunn	
D925,484 S	7/2021	Easton	
D927,595 S *	8/2021	Ogden	D20/10
D929,355 S *	8/2021	Diao	D14/126
11,117,482 B2	9/2021	Mercer et al.	
D933,589 S	10/2021	Thanh Ly	
D934,159 S	10/2021	Dunn et al.	
11,148,621 B2	10/2021	Dunn et al.	
D935,426 S *	11/2021	Stinson	D14/126
D941,235 S	1/2022	Dunn et al.	
D941,236 S	1/2022	Dunn et al.	
D949,971 S *	4/2022	Lee	D14/126
D949,972 S *	4/2022	Lee	D14/126
D957,317 S	7/2022	Dunn	
D958,059 S	7/2022	Dunn	
D962,856 S	9/2022	Mercer et al.	
D964,920 S	9/2022	Dunn	
D967,011 S	10/2022	Mercer et al.	
D967,012 S	10/2022	Mercer et al.	
D969,066 S	11/2022	Dunn	
D969,067 S	11/2022	Dunn	
D969,068 S	11/2022	Dunn	
11,496,091 B2	11/2022	Dunn et al.	
D979,490 S	2/2023	Pinon et al.	
D988,992 S	6/2023	Moreira da Silva et al.	
D1,002,642 S *	10/2023	Mistry	D20/10
D1,005,937 S	11/2023	Mercer et al.	
D1,005,938 S	11/2023	Mercer et al.	
2001/0032404 A1	10/2001	Hillstrom	
2001/0043290 A1	11/2001	Yamamoto	
2001/0043293 A1	11/2001	Inoue	
2002/0009978 A1	1/2002	Dukach et al.	
2002/0149714 A1	10/2002	Anderson et al.	
2003/0039094 A1	2/2003	Sarkinen et al.	
2004/0025389 A1	2/2004	Peterson	
2004/0103570 A1	6/2004	Ruttenberg	
2004/0212548 A1	10/2004	Ruttenberg	
2004/0257492 A1	12/2004	Mai et al.	
2005/0073469 A1 *	4/2005	Lee	G09F 21/04 345/1.1
2005/0105178 A1	5/2005	Kim	
2005/0127796 A1	6/2005	Olesen et al.	
2006/0012985 A1	1/2006	Archie, Jr. et al.	
2006/0077636 A1	4/2006	Kim	
2006/0137294 A1	6/2006	Waits et al.	
2006/0215421 A1	9/2006	Chang et al.	
2006/0218828 A1	10/2006	Schrimpf et al.	
2007/0021217 A1	1/2007	Wu	
2007/0070615 A1	3/2007	Joslin et al.	
2007/0139574 A1	6/2007	Ko et al.	
2007/0253205 A1	11/2007	Welker	
2008/0002350 A1	1/2008	Farrugia	
2008/0054144 A1	3/2008	Wohlford	
2008/0100186 A1	5/2008	Li	
2008/0174456 A1	7/2008	Warren	
2008/0236005 A1	10/2008	Isayev et al.	
2008/0255901 A1	10/2008	Carroll et al.	
2008/0276507 A1	11/2008	Hines	
2008/0298051 A1	12/2008	Chu	
2008/0304219 A1	12/2008	Chen	
2009/0009041 A1	1/2009	Zeidler	
2009/0016004 A1	1/2009	McCoy	
2009/0050194 A1	2/2009	Noble et al.	
2009/0104989 A1	4/2009	Williams et al.	
2009/0126906 A1	5/2009	Dunn	
2009/0141199 A1	6/2009	Fujikawa	
2009/0183405 A1	7/2009	Wilkes	
2009/0231807 A1	9/2009	Bouissiere	
2009/0241388 A1	10/2009	Dunn	
2009/0241437 A1	10/2009	Steinle et al.	
2009/0278007 A1	11/2009	Taylor	
2009/0279240 A1	11/2009	Karppanen	
2010/0079954 A1 *	4/2010	Nakamichi	G02F 1/133385 361/701
2010/0079979 A1	4/2010	Nakamichi et al.	
2010/0171889 A1	7/2010	Pantel et al.	
2010/0220249 A1	9/2010	Nakamichi et al.	
2010/0226091 A1	9/2010	Dunn	
2011/0019348 A1	1/2011	Kludt et al.	
2011/0075363 A1	3/2011	Nakamichi et al.	
2011/0090630 A1	4/2011	Bergeron et al.	

(56)

References Cited

U.S. PATENT DOCUMENTS

2011/0114384 A1 5/2011 Sakamoto et al.
2011/0116000 A1 5/2011 Dunn et al.
2011/0116231 A1 5/2011 Dunn et al.
2011/0134356 A1 6/2011 Swatt et al.
2011/0141672 A1 6/2011 Farley, Jr. et al.
2011/0227467 A1 9/2011 Foppe, Jr. et al.
2011/0297810 A1 12/2011 Tachibana
2011/0298841 A1 12/2011 Fujimori
2012/0050958 A1 3/2012 Sanford et al.
2012/0105424 A1 5/2012 Lee et al.
2012/0224116 A1 9/2012 Barnes
2012/0253672 A1 10/2012 Hoshino et al.
2013/0033222 A1 2/2013 Hixson et al.
2013/0211583 A1 8/2013 Borra
2013/0270975 A1 10/2013 Dunn et al.
2013/0294039 A1 11/2013 Chao
2013/0329363 A1 12/2013 Dunn et al.
2014/0044147 A1 2/2014 Wyatt et al.
2014/0055914 A1 2/2014 Fournier
2014/0208626 A1 7/2014 Moon
2015/0009627 A1 1/2015 Dunn et al.
2015/0194561 A1 7/2015 Toya et al.
2015/0211676 A1 7/2015 Martin et al.
2015/0264826 A1 9/2015 Dunn et al.
2015/0381922 A1 12/2015 Hamilton
2016/0132849 A1 5/2016 Melo et al.
2016/0192536 A1 6/2016 Diaz
2016/0242329 A1 8/2016 DeMars
2017/0074453 A1 3/2017 Bowers et al.
2017/0083043 A1 3/2017 Bowers et al.
2017/0231112 A1 8/2017 Dunn et al.
2017/0345346 A1 11/2017 Hong et al.
2018/0247575 A1* 8/2018 Konde G06Q 30/0246
2018/0293921 A1 10/2018 Margrill
2018/0315356 A1* 11/2018 Dunn G09F 9/30
2018/0317330 A1 11/2018 Dunn et al.
2018/0345809 A1 12/2018 Derrien et al.
2019/0059175 A1 2/2019 Diaz
2019/0089176 A1* 3/2019 Dunn H02J 7/0013
2019/0239365 A1 8/2019 Dunn et al.
2019/0335613 A1 10/2019 Diaz
2020/0037456 A1 1/2020 Dunn
2020/0163234 A1 5/2020 Dunn
2020/0288585 A1 9/2020 Dunn et al.
2021/0066923 A1 3/2021 Dunn et al.
2021/0067937 A1* 3/2021 Kim H04W 4/80
2021/0120226 A1* 4/2021 Liu H04N 13/346
2021/0168949 A1 6/2021 Dunn et al.
2021/0313927 A1 10/2021 Dunn et al.
2022/0035198 A1 2/2022 Dunn et al.
2023/0030376 A1 2/2023 Dunn et al.

FOREIGN PATENT DOCUMENTS

CA 2780884 C 4/2019
CA 2942321 C 6/2022
CN 300909628 S 4/2009
CN 302484867 S 6/2013
CN 302553463 S 8/2013
CN 304160145 6/2017
CN 304160150 6/2017
CN 304170664 6/2017
EM 001782137-0002 11/2010
EM 002129171-0001 11/2012
EM 004506814-0001 11/2017
EM 008035232-0001 7/2020
EP 3468321 A1 4/2019
EP 3117693 B1 8/2019
EP 3468321 B1 4/2021
EP 3830464 A1 6/2021
EP 4022595 A1 7/2022
FR 071744-001 4/2007
GB 153110 11/1920
GB 2099232 2/2001
GB 8071975000-1000 3/2009

GB 9003585090-0001 1/2017
GB 8098725000-1000 4/2017
HU 92378-0001 12/2015
JP 2005292939 A 10/2005
JP 2005332253 A 12/2005
JP 2006198344 A 8/2006
KR 200163508 Y1 7/2000
KR 200206768 Y1 12/2000
KR 200236278 Y1 10/2001
KR 2002-0057425 A 7/2002
KR 200286961 Y1 8/2002
KR 200366674 Y1 11/2004
KR 300325739.0001 10/2005
KR 300405118.0000 1/2006
KR 300405120.0000 1/2006
KR 300422537.0000 8/2006
KR 300439769.0000 2/2007
KR 300479026.0000 1/2008
KR 3020080000750 5/2008
KR 300582822.0000 12/2010
KR 300593928.0000 3/2011
KR 300618395.0000 10/2011
KR 300639738.0000 4/2012
KR 300658770.0000 9/2012
KR 300708992.0000 9/2013
KR 300740096.0000 4/2014
KR 10-1444022 B1 10/2014
KR 300834837.0000 1/2016
KR 300846418.0000 3/2016
KR 300852376.0000 4/2016
KR 300906413.0000 5/2017
KR 301084745.0000 11/2020
KR 10-2379046 B1 3/2022
KR 10-2512657 B1 3/2023
WO D020525-002 8/1991
WO WO2011059793 A2 5/2011
WO WO2012006620 A2 1/2012
WO D080968-001 5/2013
WO 2015138609 A2 9/2015
WO 2016/102980 A1 6/2016
WO 2016102980 A1 6/2016
WO D098725-001 12/2017
WO 2020028045 A1 2/2020
WO 2021/041381 A1 3/2021

OTHER PUBLICATIONS

The Free Dictionary, Screw—Definition of screw by The Free Dictionary, Jun. 15, 2016, 1 Page.
I-Tech Company, 65" Outdoor Digital Signage Sunlight All Weather Proof LCD, 1 Page.
sunlightlcd.com, 46" All Weather NEMA4 Outdoor High Brightness (Model: GS4600L), Mar. 11, 2009, 2 Pages.
Vertigo Digital Displays, Innovation on Display FlexVu Totem Brochure, 2014, 6 pages.
Vertigo Digital Displays, FlexVu Totem Shelter, 2017, 2 pages.
Vertigo Digital Displays, All Products Catalogue, 2017, 14 pages.
Adnation, Turn Key Advertising Technology Solutions, May 23, 2017, 4 pages.
Civiq Smartscapes, FlexVue Ferro 55P/55L, Mar. 16, 2017, 4 pages.
Civiq, Invalidity Contentions, Jan. 24, 2018, 51 pages.
Civiq, Invalidity Claim Chart, Appendix E, Jan. 24, 2018, 28 pages.
Civiq, Invalidity Claim Chart, Appendix I, Mar. 22, 2018, 4 pages.
Civiq, Smart City Devices, webpage, Jan. 30, 2019, 5 pages.
Civiq, Smart City Platform, webpage, Jan. 30, 2019, 10 pages.
Civiq, Smartscapes devices, webpage, Jan. 30, 2019, 1 page.
Miller, Adnation, photos, May 9, 2017, 28 pages.
Civiq Smartscapes, There are companies that make kiosks. And then there's CIVIQ.—Advanced Smart City Platform, webpage, Jan. 30, 2019, 10 pages.
Civiq Smartscapes, Connecting people, places & experiences, webpage, Jan. 30, 2019, 5 pages.
Civiq Smartscapes, Connecting people, places & experiences, screen shot of devices webpage, Jan. 30, 2019, 1 page.

(56)

References Cited

OTHER PUBLICATIONS

Melford Technologies, Part 1, video online at <https://m.youtube.com/watch?v=OAV7zzVrHtE&feature=youtu.be>, Oct. 21, 2019, 1 page.

Manufacturing Resources International, Manufacturing Resources International home webpage, Nov. 4, 2019, 2 pages.

Manufacturing Resources International, LCD Display Deployments webpage, Nov. 4, 2019, 3 pages.

Manufacturing Resources International, BoldVu Outdoor LCD Display webpage, Nov. 4, 2019, 2 pages.

Manufacturing Resources International, BoldVu Semi Outdoor LCD Display webpage, Nov. 8, 2019, 2 pages.

Manufacturing Resources International, BoldVu Vehicle Top LCD Display webpage, Nov. 8, 2019, 2 pages.

Manufacturing Resources International, Drivethru Menu Boards Webpage, Nov. 8, 2019, 2 pages.

Manufacturing Resources International, Storefront Digital Signage webpage, Nov. 8, 2019, 2 pages.

Gable, Blog Post: The Anatomy of an Interactive Kiosk, Aug. 15, 2018, 4 pages.

* cited by examiner

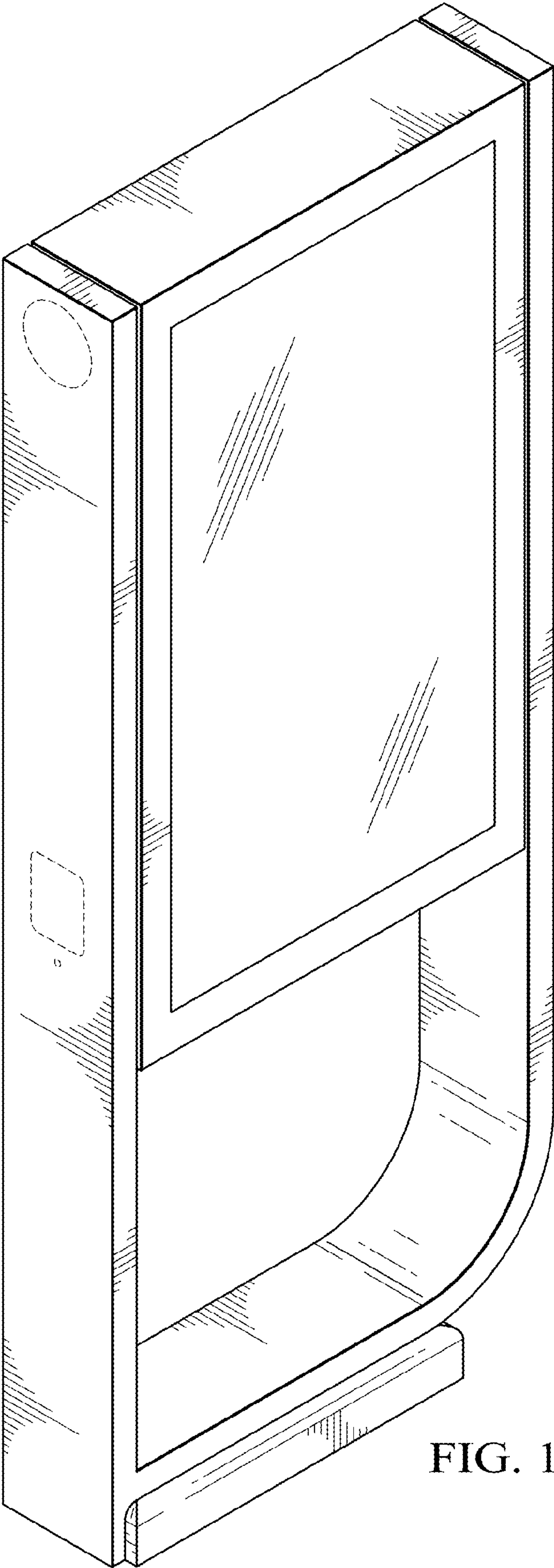


FIG. 1

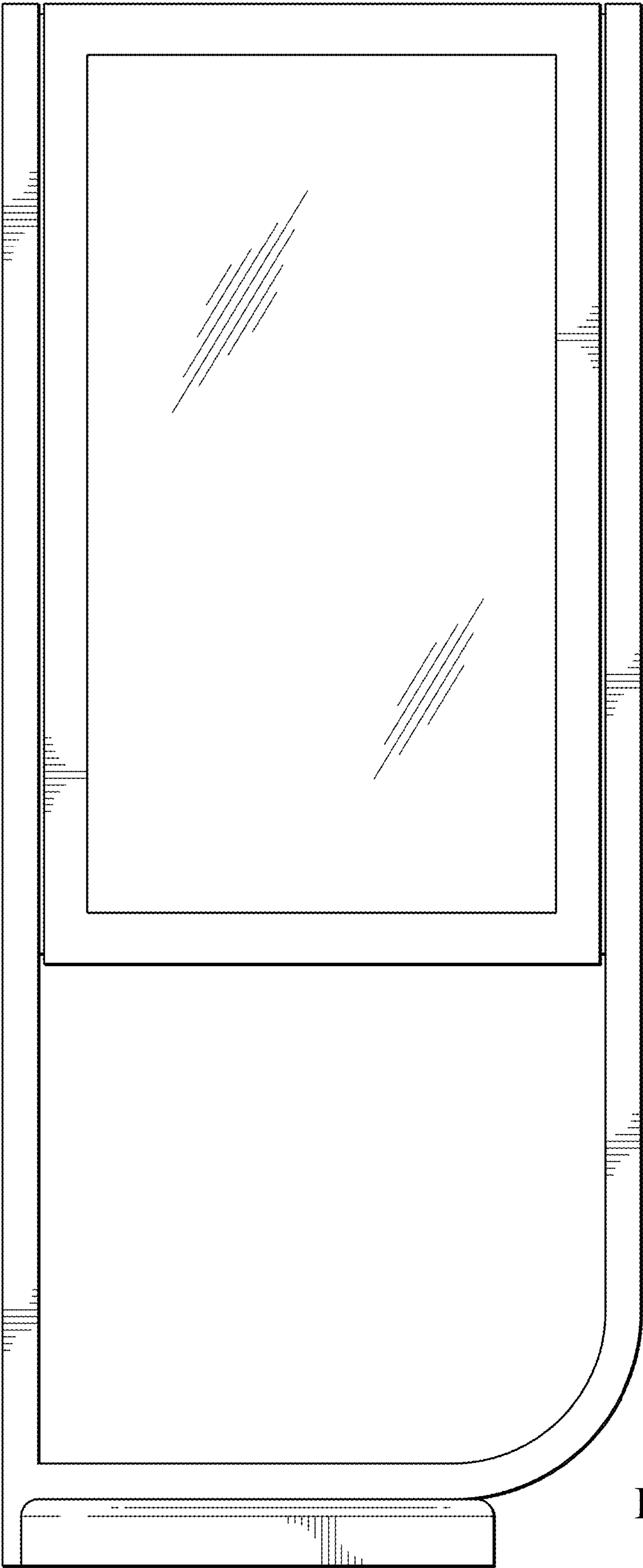


FIG. 2

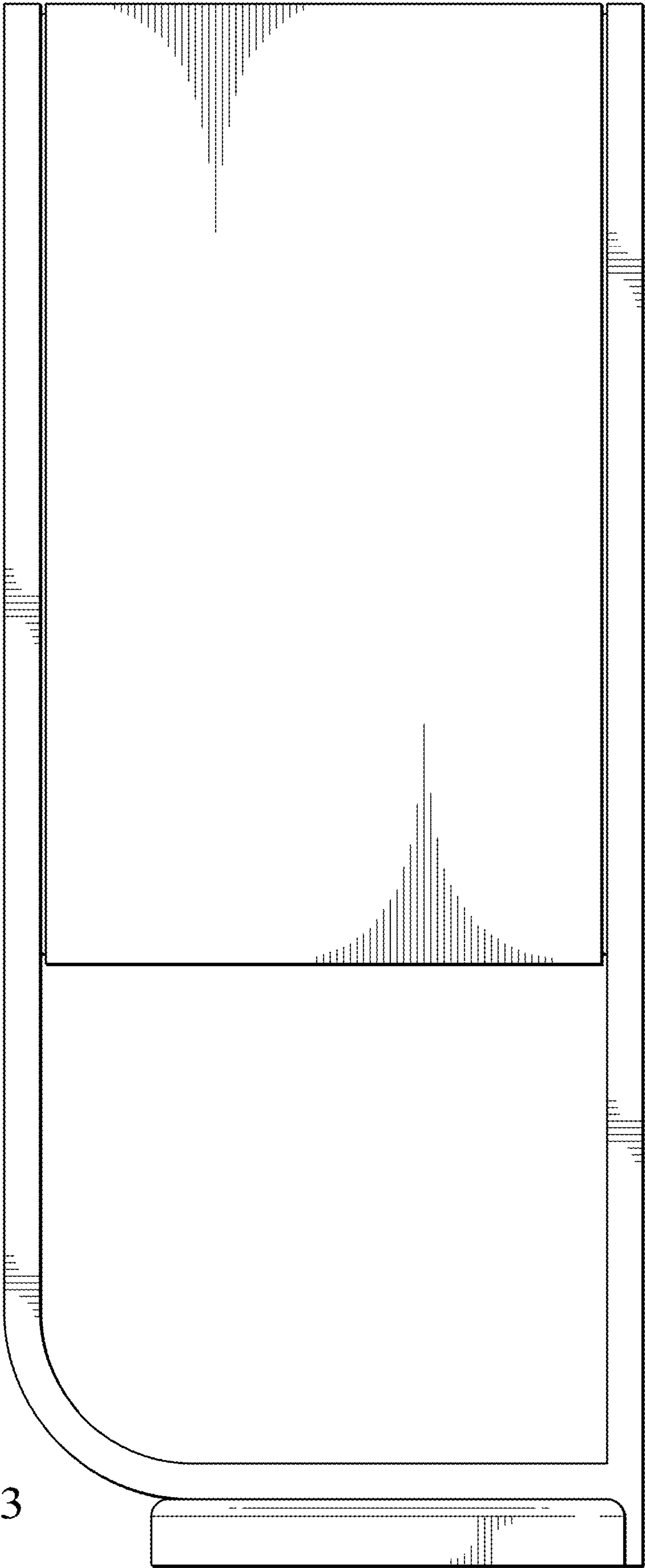


FIG. 3

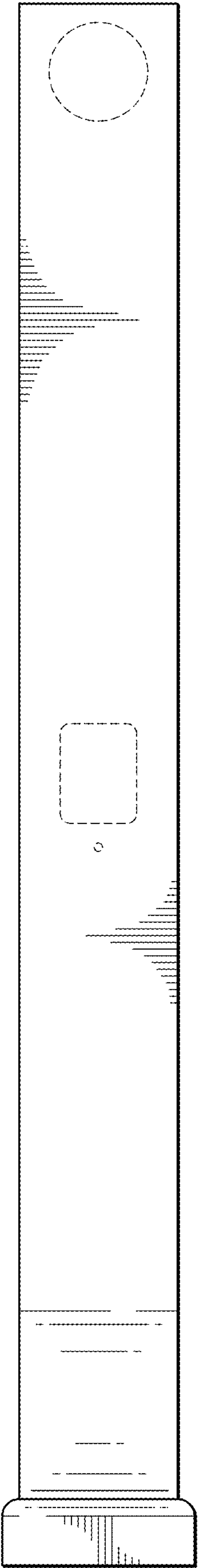


FIG. 4

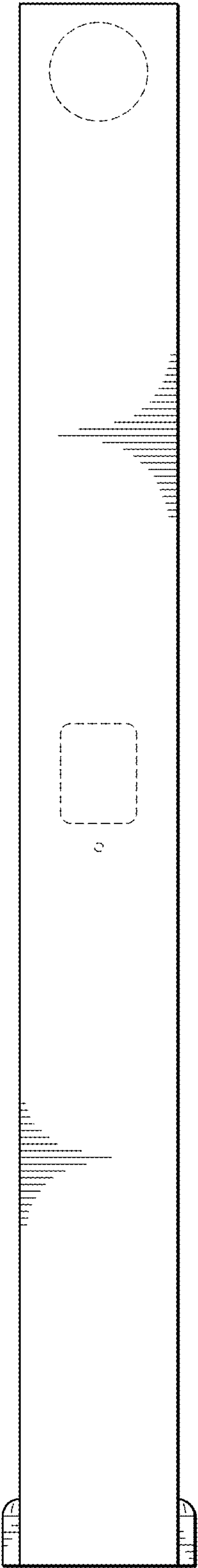


FIG. 5

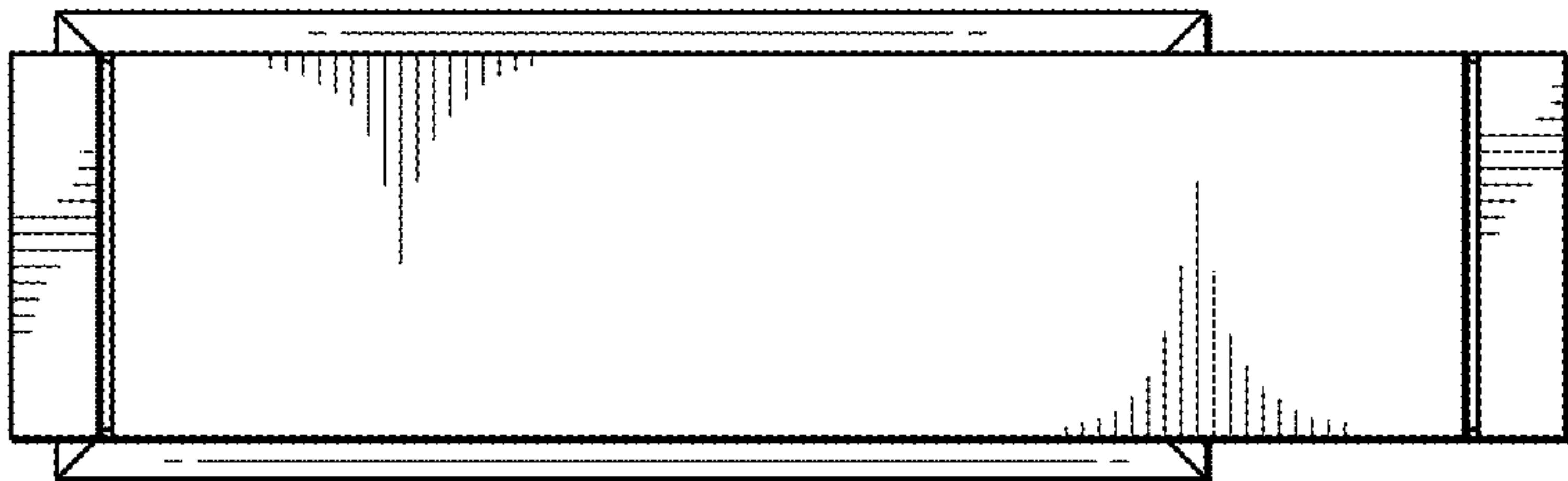


FIG. 6

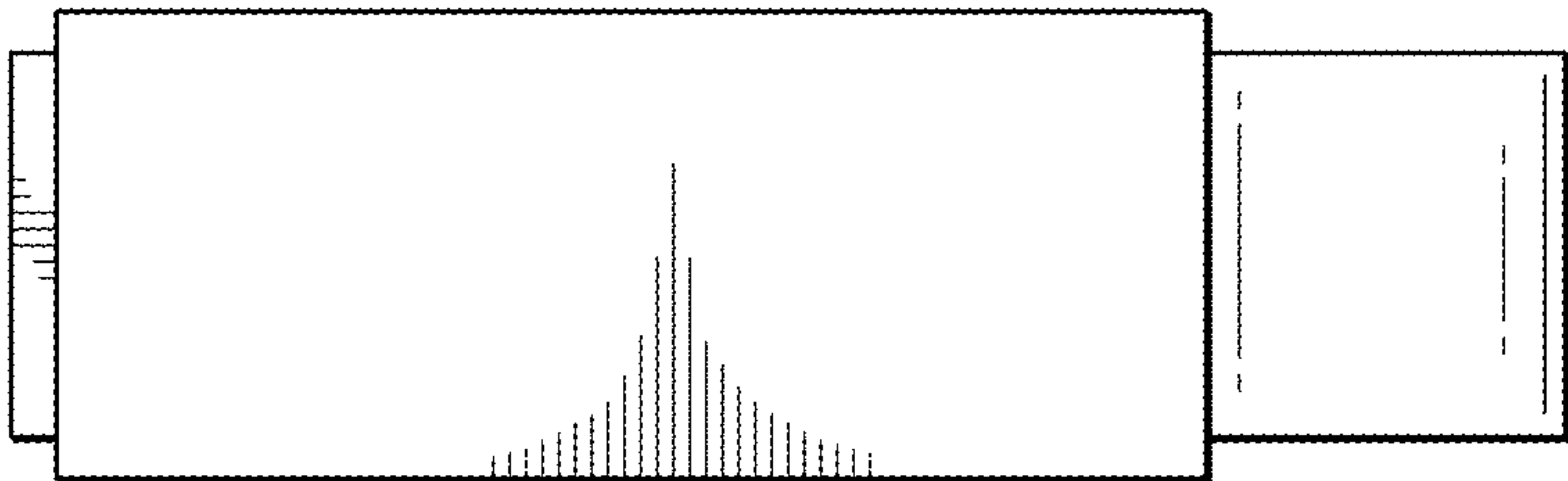


FIG. 7

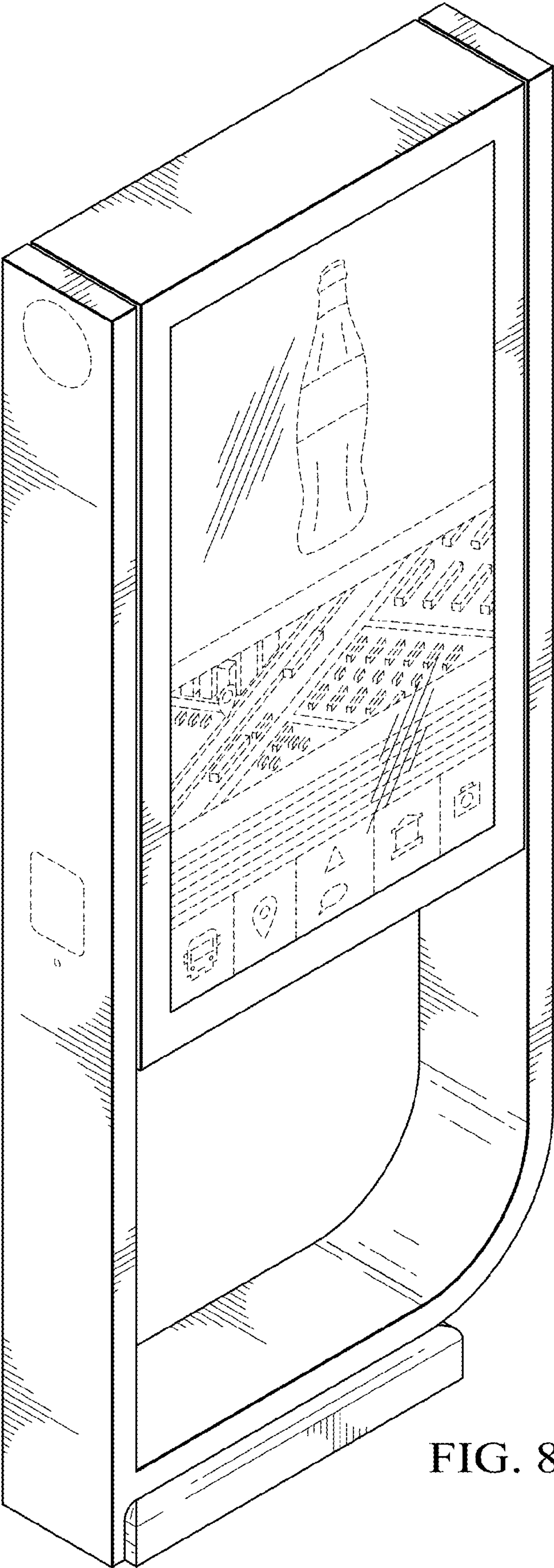


FIG. 8

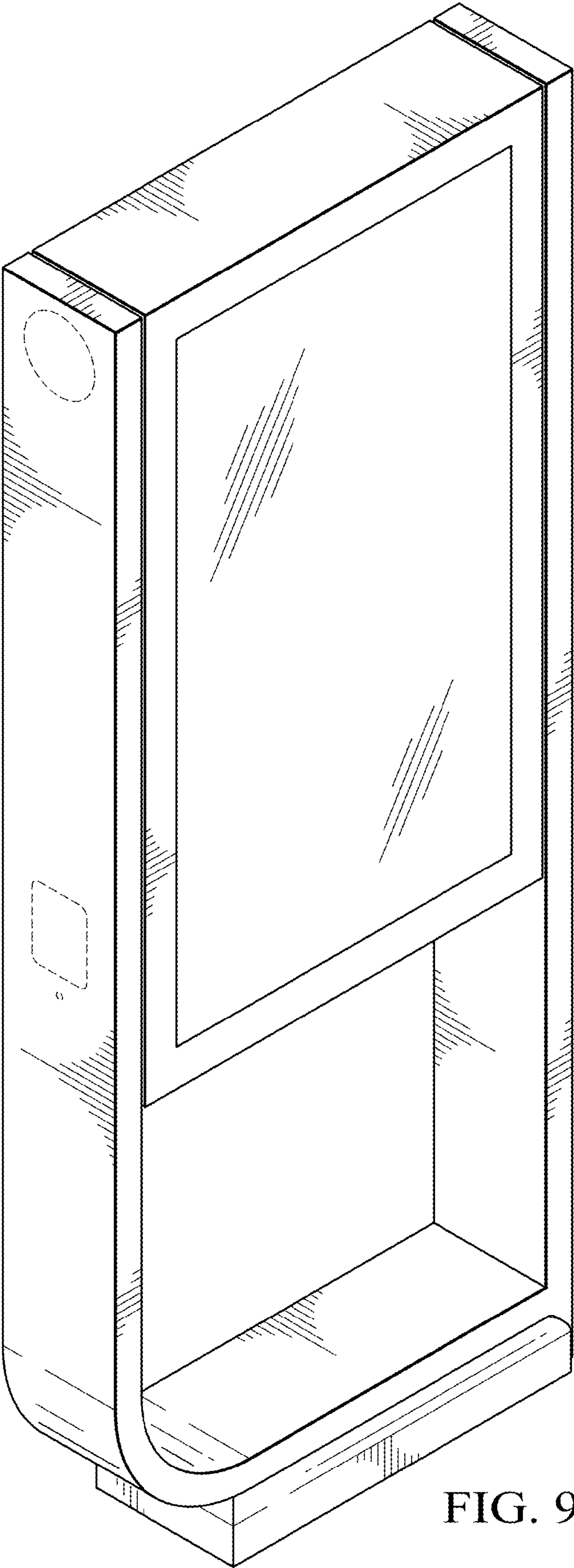


FIG. 9

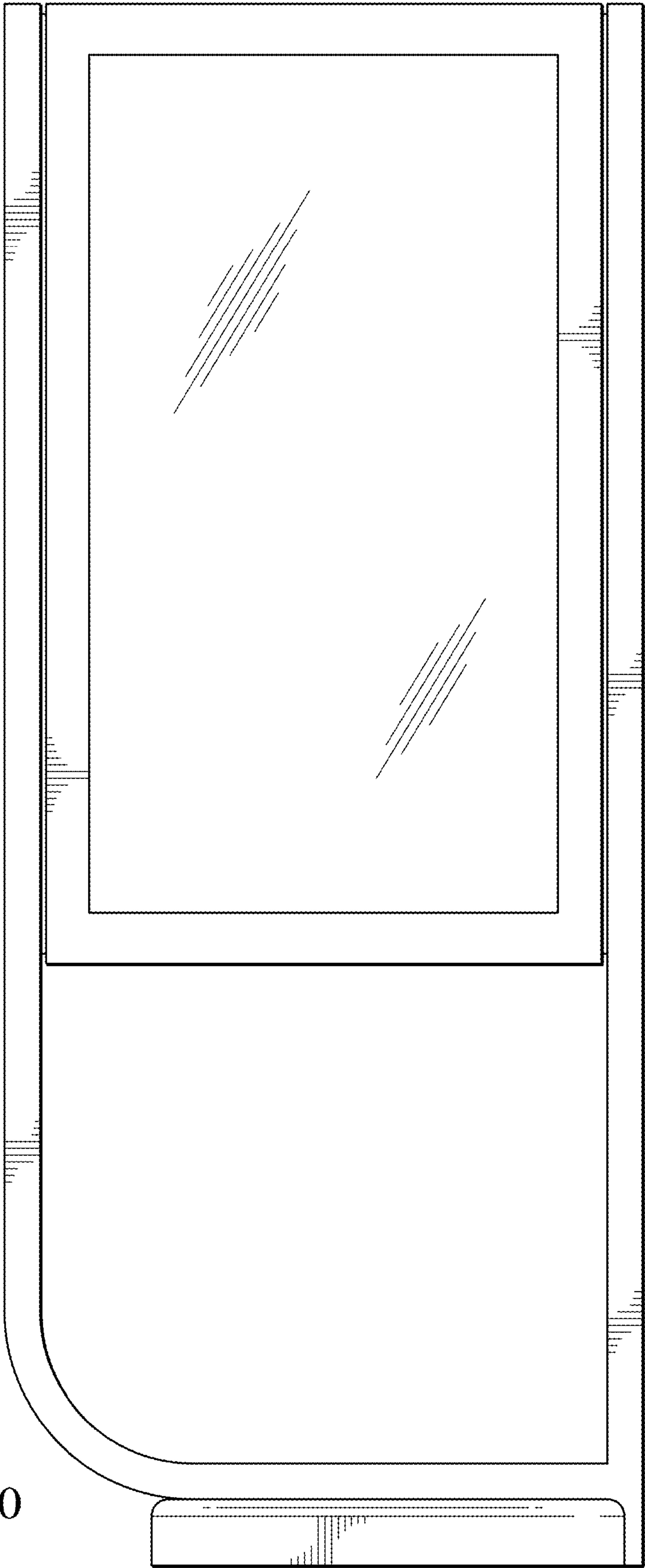


FIG. 10

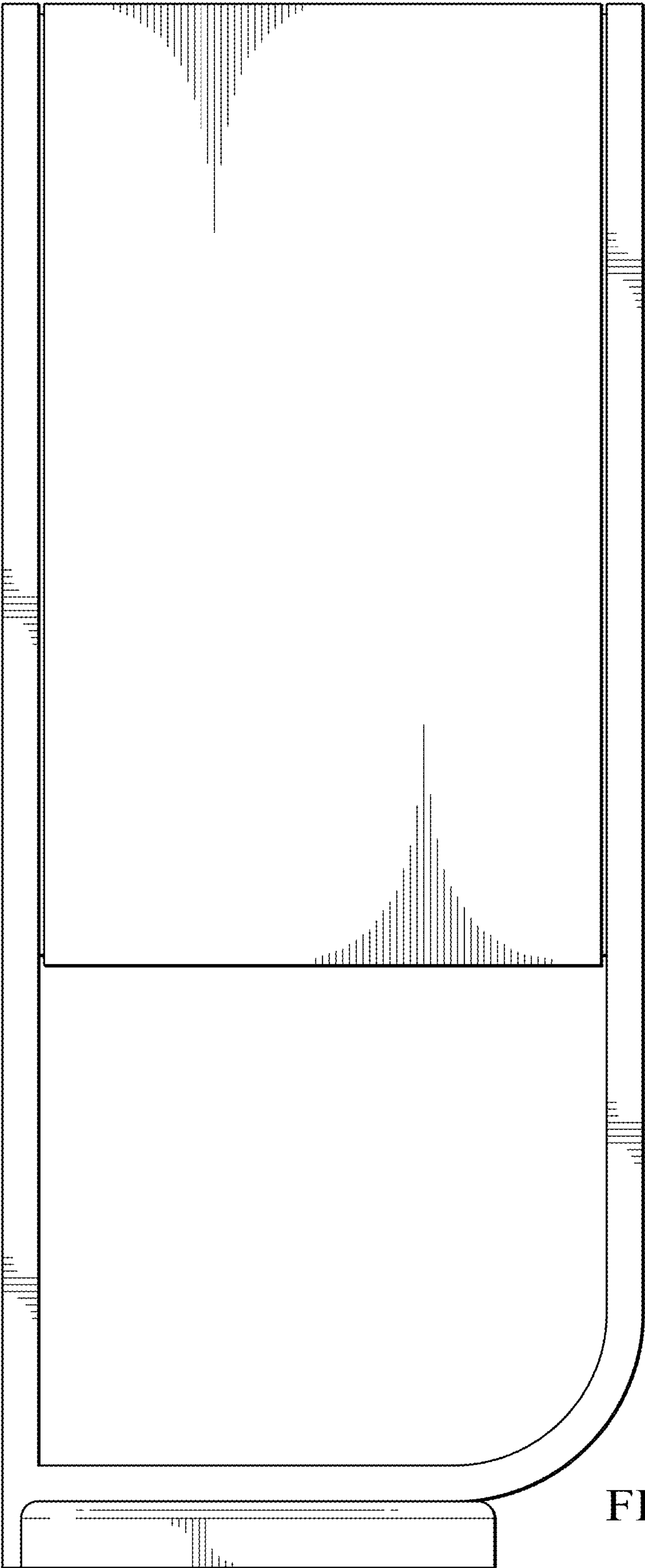


FIG. 11

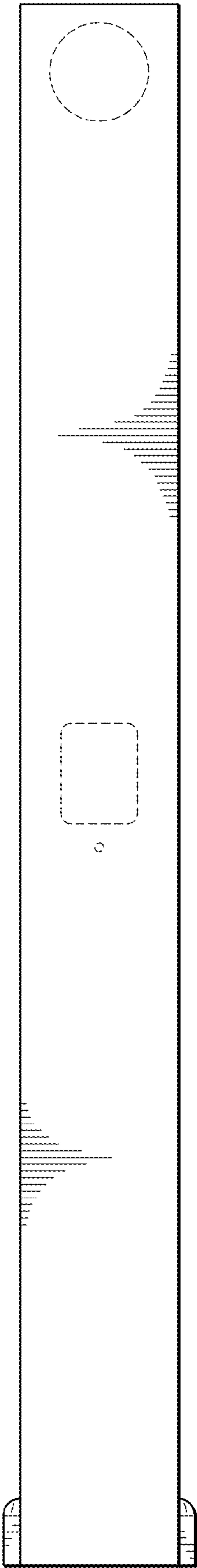


FIG. 12

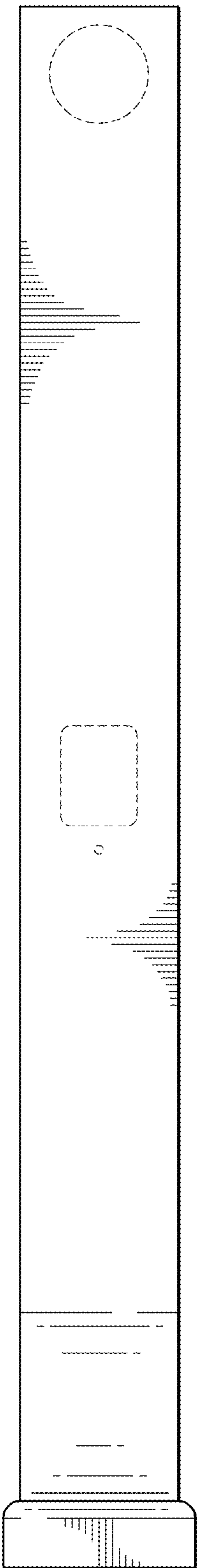


FIG. 13

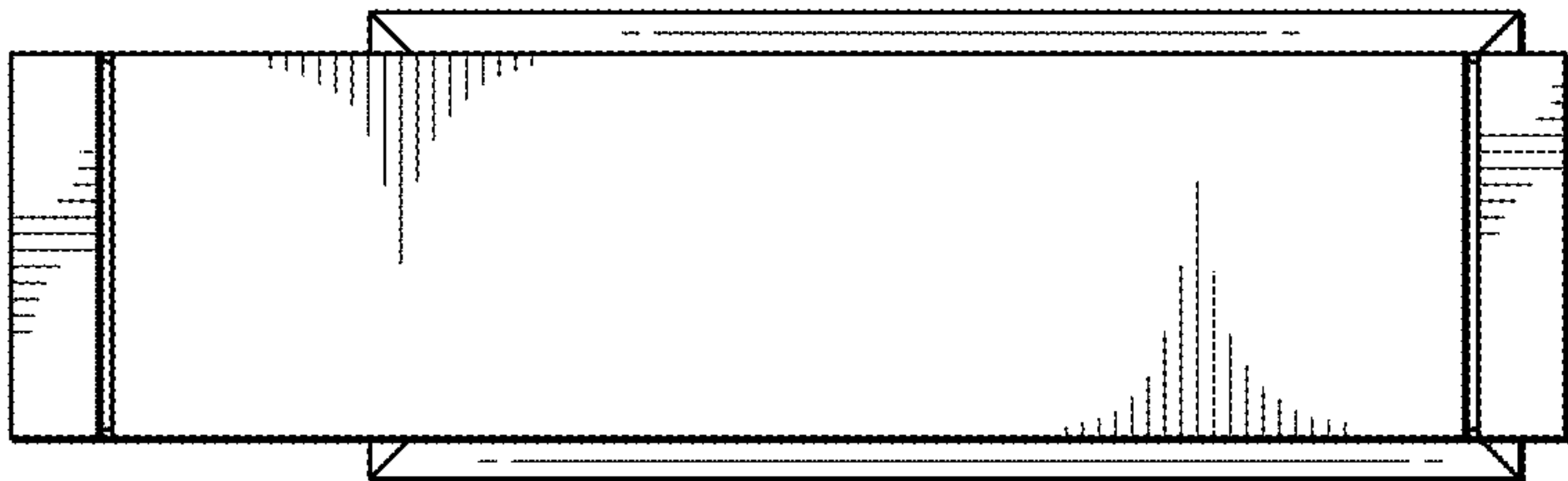


FIG. 14

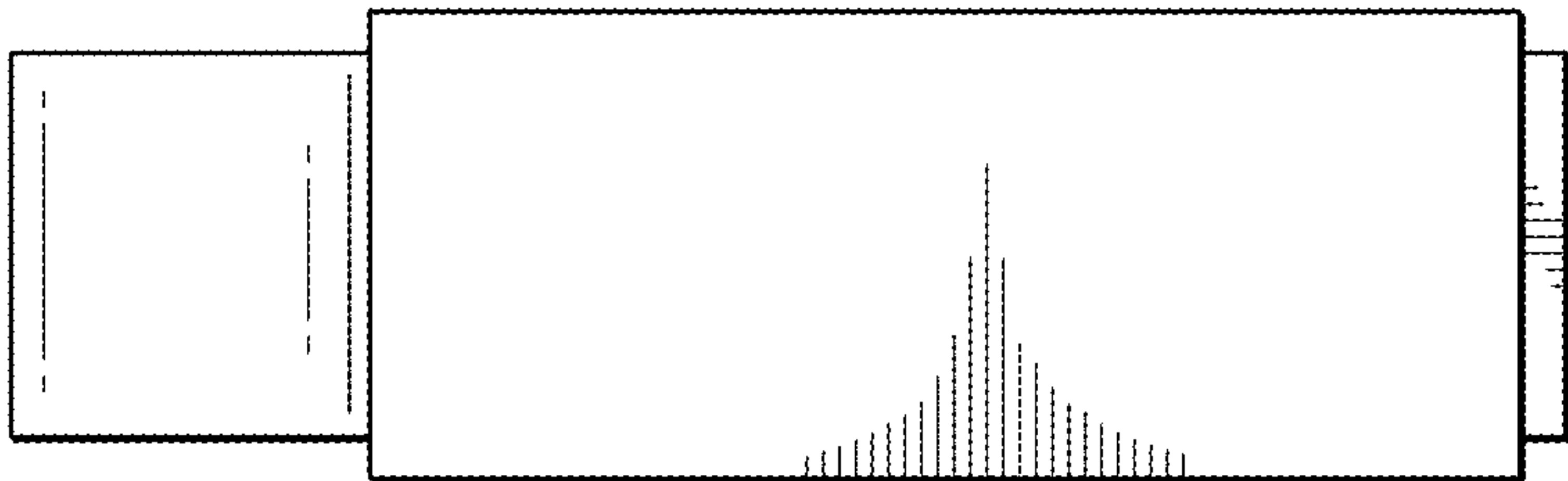


FIG. 15

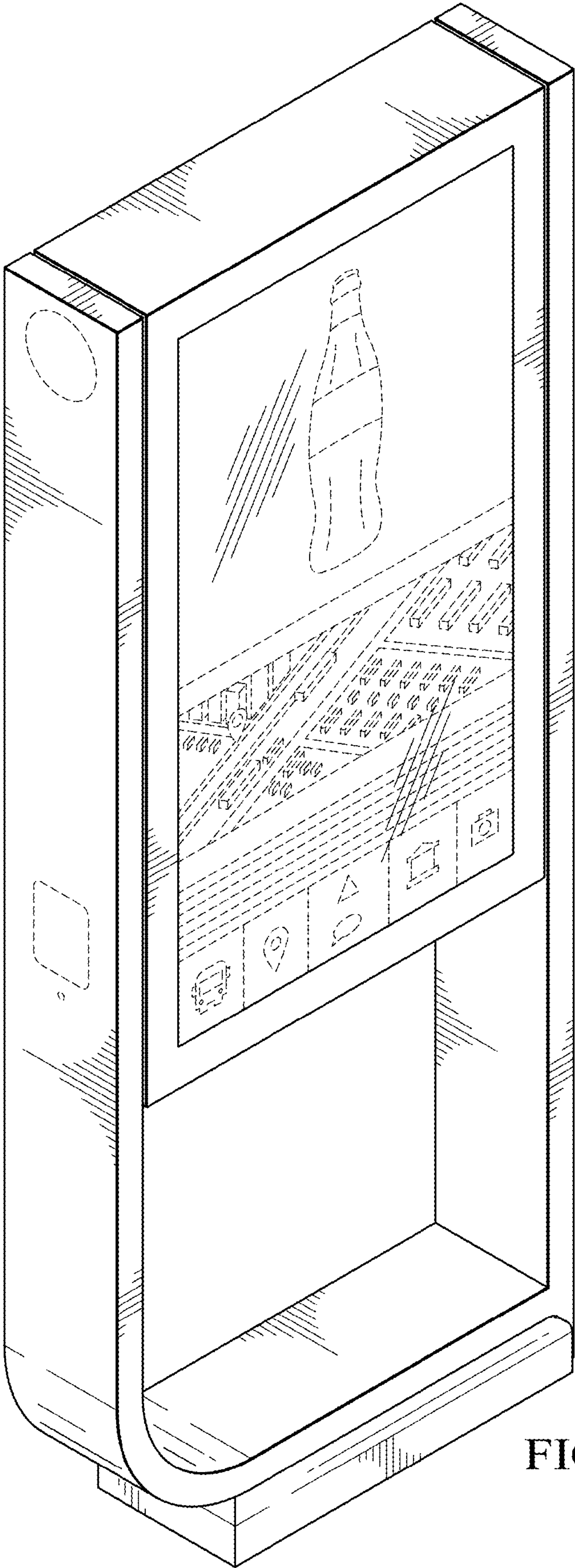


FIG. 16