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(12) **United States Design Patent**
Costabile et al.

(10) **Patent No.:** **US D978,004 S**

(45) **Date of Patent:** **** Feb. 14, 2023**

(54) **OPERATING/DISPLAY PANEL**

D14/138 G, 146, 149, 150, 198, 218, 245,
D14/247, 302, 303, 304, 305, 306, 307,
D14/371, 383, 388, 389, 390, 485, 486,
(Continued)

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(56) **References Cited**

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U.S. PATENT DOCUMENTS

D342,683 S 12/1993 Cohen
D381,960 S 8/1997 Chandler
(Continued)

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OTHER PUBLICATIONS

Non-Final Office Action; U.S. Appl. No. 29/729,058, filed Mar. 24,
2020; Operating/Display Panel; Notification Date: Jul. 22, 2022;
1-21 Pages.

(Continued)

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

Primary Examiner — Katrina N Gonzalez

(21) Appl. No.: **29/813,746**

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(22) Filed: **Nov. 1, 2021**

(57) **CLAIM**

We claim, the ornamental design for an operating/display
panel, as shown and described.

Related U.S. Application Data

DESCRIPTION

(63) Continuation of application No. 29/729,081, filed on
Mar. 24, 2020, now Pat. No. Des. 941,694, which is
(Continued)

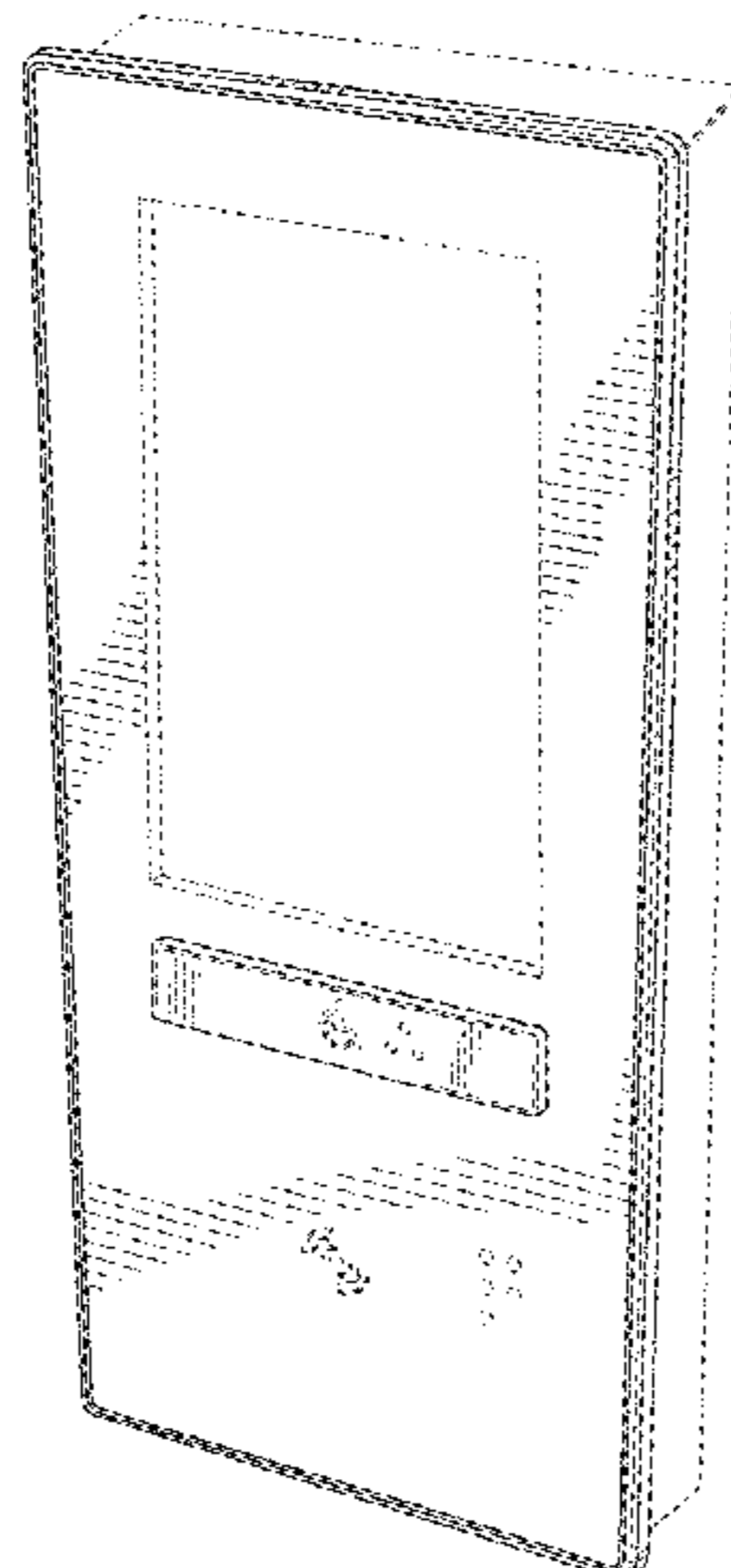
FIG. 1 is a perspective view of an operating/display panel,
showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a side view thereof;
FIG. 5 is another side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is another perspective view thereof, as shown
mounted to a wall in a user environment; and,
FIG. 9 is another side view thereof, as shown mounted to a
wall in a user environment.

(51) **LOC (14) Cl.** **10-05**

(52) **U.S. Cl.**
USPC **D10/108**

(58) **Field of Classification Search**
USPC D10/46, 46.1, 49, 50, 51, 52, 53, 55, 57,
D10/104, 106, 160.1, 106.6, 106.95, 108,
D10/109.1, 109.2, 113.4, 114.1, 114.2,
D10/118, 118.1, 118.2, 121, 123, 125;
D6/310, 466; D13/162, 162.1, 163, 168;

The jagged broken lines shown in FIGS. 8 and 9 represent
break lines. The broken lines in FIGS. 8 and 9 showing wall
features illustrate environmental structure. All other broken
(Continued)



lines illustrate portions of the Operating/Display Panel. The broken lines form no part of the claimed design.

1 Claim, 7 Drawing Sheets

Related U.S. Application Data

a continuation of application No. 29/624,633, filed on Nov. 2, 2017, now Pat. No. Des. 880,327.

(58) **Field of Classification Search**

USPC D14/900, 902; D18/6, 7; D20/10, 43; D21/332, 325, 369, 370; D99/28; 187/380, 389, 390, 391, 396, 397, 395; 194/206; 361/679.01, 679.02, 679.04, 361/679.21, 679.57, 725
CPC B66B 1/00; B66B 3/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D396,812 S *	8/1998	Kuipers	D10/49
D431,199 S *	9/2000	Bennett	D10/49
D512,691 S	12/2005	Hisatsune	
D589,829 S *	4/2009	Friedli	D10/108
D589,832 S	4/2009	Ogura et al.	
D589,833 S *	4/2009	Kim	D10/108
D598,396 S	8/2009	Lee	
D610,031 S	2/2010	Beland et al.	
D630,169 S *	1/2011	Nakai	D13/168
D676,900 S *	2/2013	Ohno	D18/4.4
D687,388 S *	8/2013	Baumgartner	D13/162
D693,803 S	11/2013	Colley et al.	
D696,602 S	12/2013	Saikawa et al.	
D699,617 S	2/2014	Saikawa et al.	
D702,578 S	4/2014	Joyce	
D702,579 S	4/2014	Lee et al.	
D703,079 S *	4/2014	Joyce	D10/108
D705,108 S *	5/2014	Lee	D10/108
D705,689 S	5/2014	Saikawa et al.	
D708,084 S	7/2014	Lee et al.	
D717,785 S	11/2014	Winston et al.	
D747,990 S	1/2016	Lee et al.	
D747,991 S	1/2016	Lee et al.	
D748,515 S *	2/2016	Matsuyama	D10/108
D754,013 S	4/2016	Choi et al.	
D760,611 S	7/2016	Saari et al.	
D761,783 S	7/2016	Kulkarni et al.	
D763,112 S	8/2016	Choi et al.	
D763,247 S	8/2016	Yepez et al.	
D776,651 S *	1/2017	Yates	D14/307
D777,722 S	1/2017	Murphy	
D781,736 S	3/2017	Friedli	
D781,843 S	3/2017	Horn, II	

D782,466 S	3/2017	Yepez et al.	
D782,467 S	3/2017	Bladwell	
D786,199 S *	5/2017	Suthmann	D13/162
D807,763 S	1/2018	Jacoby et al.	
D816,077 S	4/2018	Benic et al.	
D816,082 S *	4/2018	Stijnen	D14/387
D820,793 S	6/2018	Arai et al.	
D830,868 S	10/2018	Kress et al.	
D831,639 S *	10/2018	Terry	D14/307
D838,618 S	1/2019	Nagaki et al.	
D869,974 S	12/2019	Hikima et al.	
D869,975 S	12/2019	Hikima et al.	
D870,583 S	12/2019	Hikima et al.	
D871,948 S	1/2020	Hikima et al.	
D880,326 S *	4/2020	Costabile	D10/108
D880,327 S *	4/2020	Costabile	D10/108
D905,758 S *	12/2020	Tomczak	D15/5
D941,694 S *	1/2022	Costabile	D10/108

OTHER PUBLICATIONS

BR Notice of Official Action with English Translation; Application No. BR 302018000630-5; dated Aug. 21, 2018; pp. 1-2.
CompassPlus, Touchscreen, OTIS, available Mar. 7, 2019, [online], [site visited Mar. 7, 2019]. Available from Internet, URL: https://files.otis.com/otis/en/us/contentimages/TouchpadFactsheet_WHQ_01132017.pdf (Year: 2019); pp. 1-2.
Destination Dispatch Elevator Systems, Available Mar. 7, 2019, [online], [site visit Mar. 7, 2019]. Available from Internet, <URL:<https://continuingeducation.bnppmedia.com/courses/otis-elevator-company/destination-dispatch-elevator-systems-benefit-passengers-building-owners-and-design-professionals/7/>> (Year: 2019); pp. 1-3.
Ex Parte Quayle Action; U.S. Appl. No. 29/729,081, filed Mar. 24, 2020; Operating/Display Panel; Notification Date: Jun. 10, 2021; 1-18 Pages.
Good Design, GD Galleries 2008 Award of the Selection, available Nov. 1, 2018, [online], [site visited Mar. 7, 2019]. Available from Internet, <URL:https://gd.kidp.or.kr/eng/product/eng_product_view.asp?idx=9438> pp. 1-2.
Interface for 1000 Floors Elevator—UX in India, Medium, available Mar. 1, 2016, [online], [site visited Mar. 7, 2019]. Available from the Internet, <URL:<https://medium.com/ux-for-india/interface-for-1000-floors-elevator-30a38863162b>> (Year: 2016); pp. 1-8.
Love, Claudia., A Story of UX, Obsession and Elevators, Medium.com, May 17, 2015, available Mar. 17, 2015 [online], [site visited Mar. 7, 2019]. Available from Internet, <URL:<https://medium.com/interactive-mind/a-story-of-ux-obsession-and-elevators-bae156462943>> (Year: 2015); pp. 1-2.
Notice of Allowance; U.S. Appl. No. 29/614,598, filed Aug. 21, 2017; Operating/Display Panel; Notification Date: Jul. 6, 2018; 1-6 Pages.
U.S. Appl. No. 29/624,633, filed Nov. 2, 2017; Restriction Requirement dated Apr. 12, 2019; 42 pages.
CompassPlus, Otis, available Mar. 7, 2019, [online], [site visited Mar. 7, 2019]. Available from Internet, URL: https://files.otis.com/otis/en/us/contentimages/10265_CompassPlus_v2.pdf (Year: 2019); pp. 1-11.

* cited by examiner

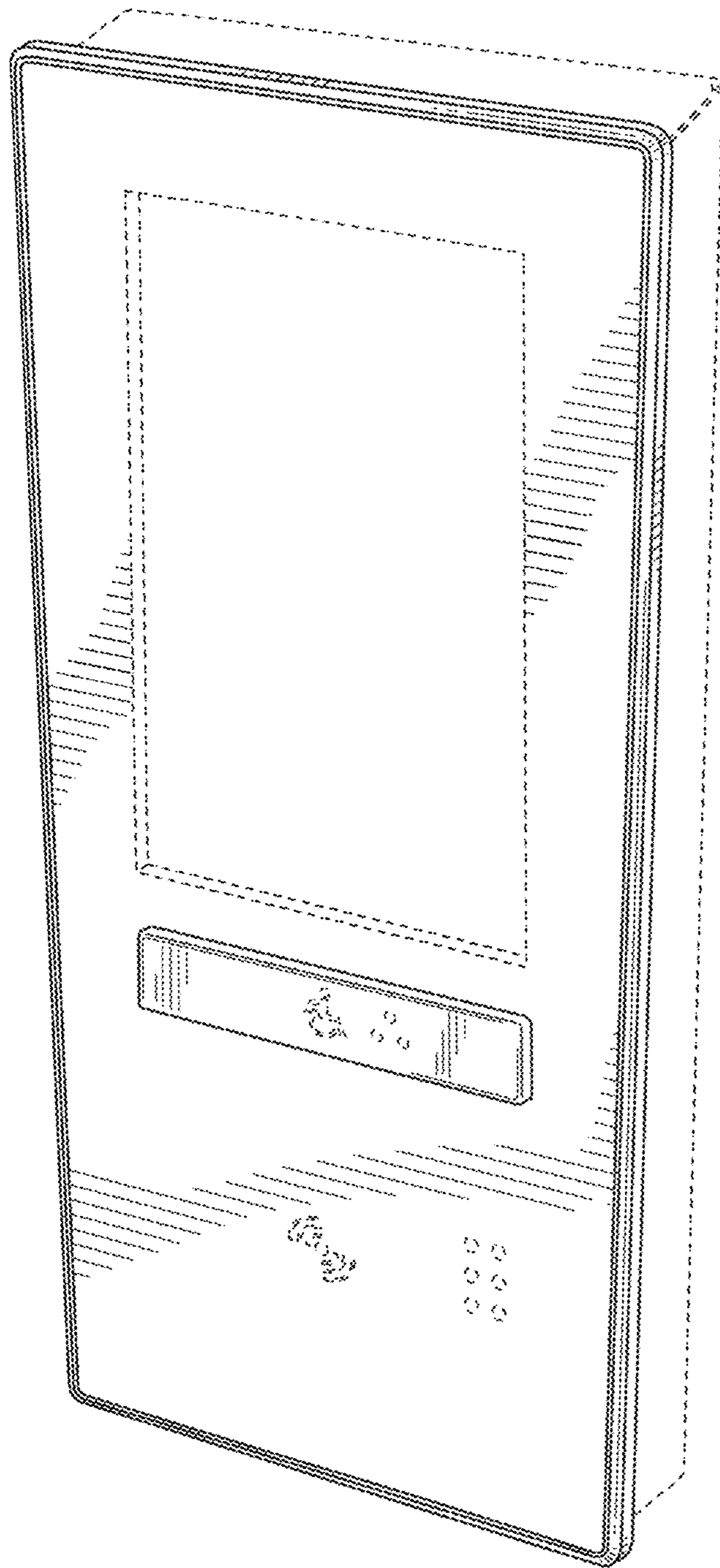


FIG. 1

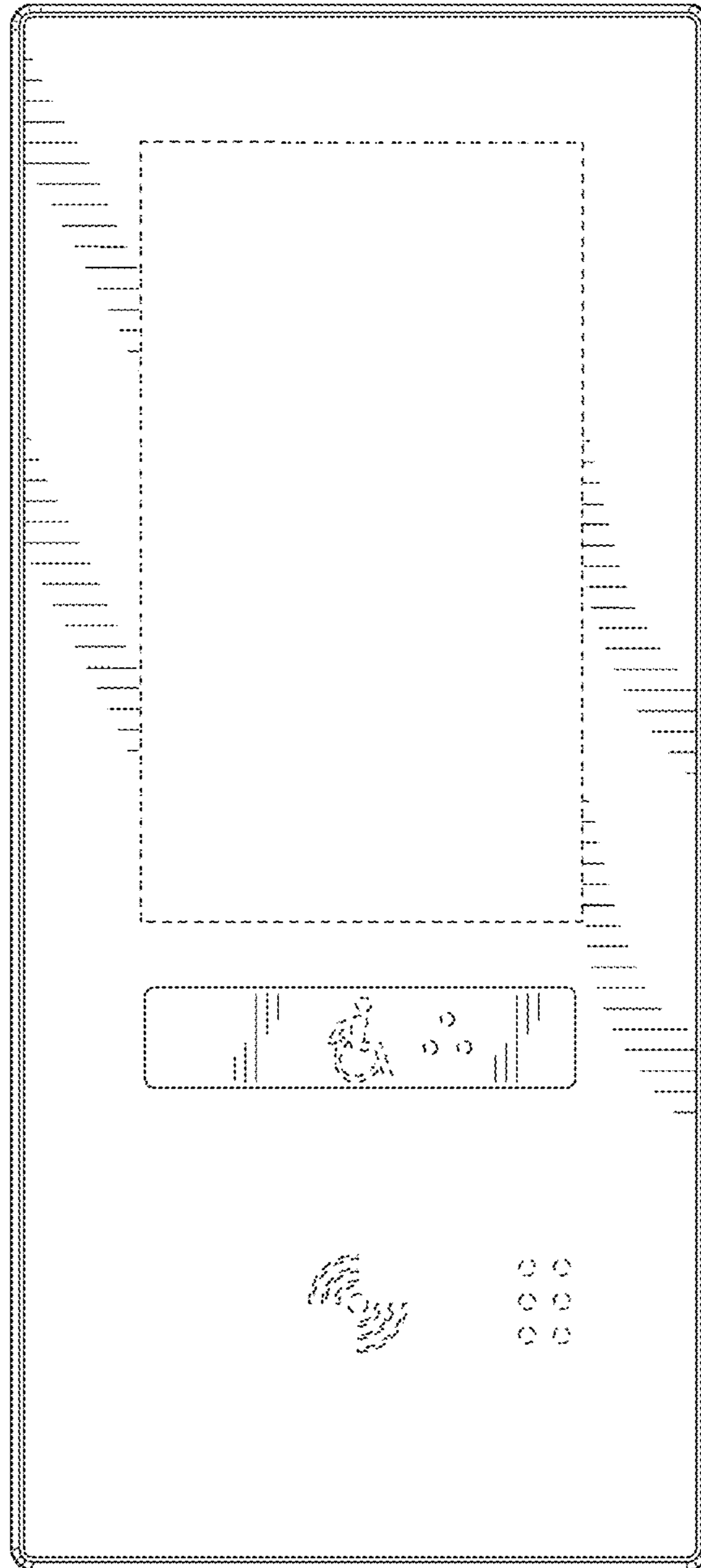


FIG. 2

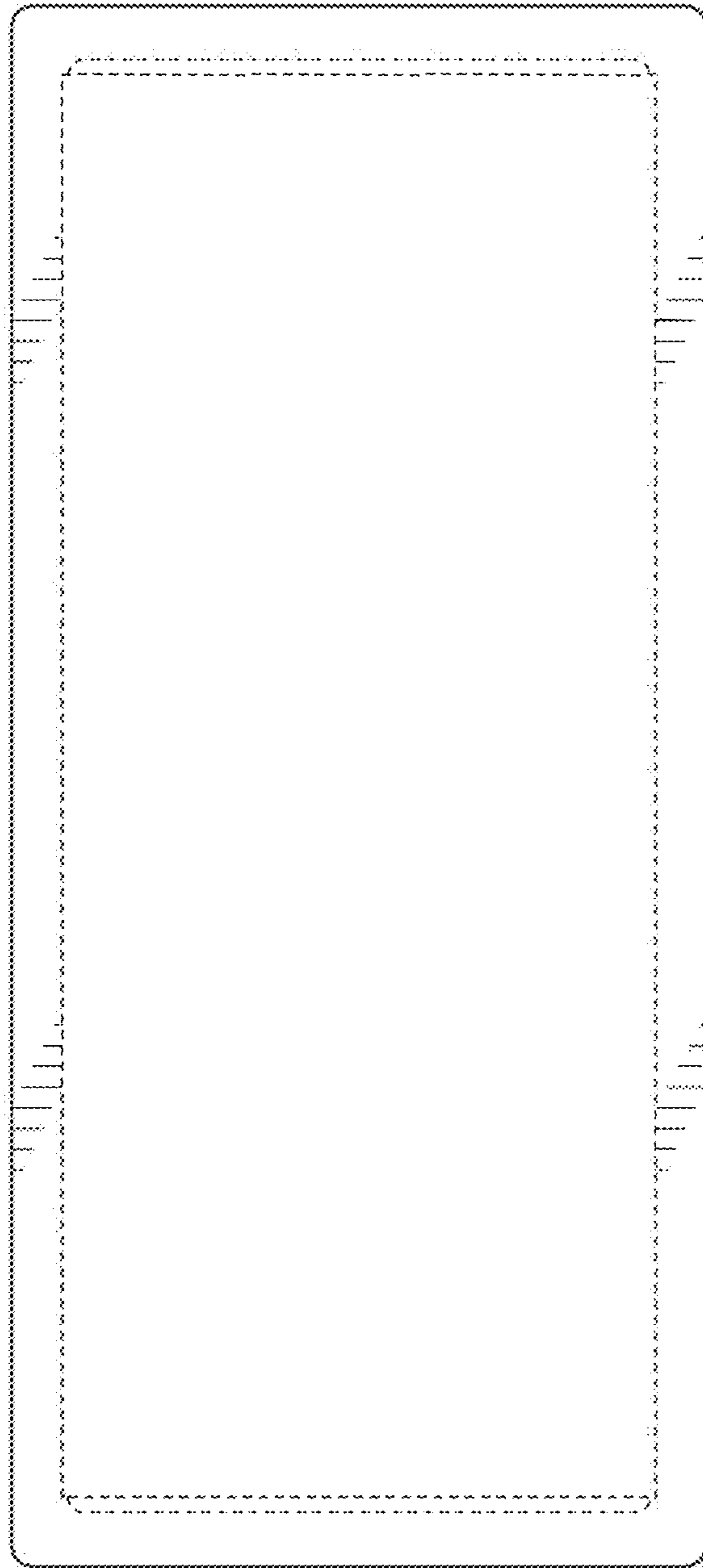


FIG. 3

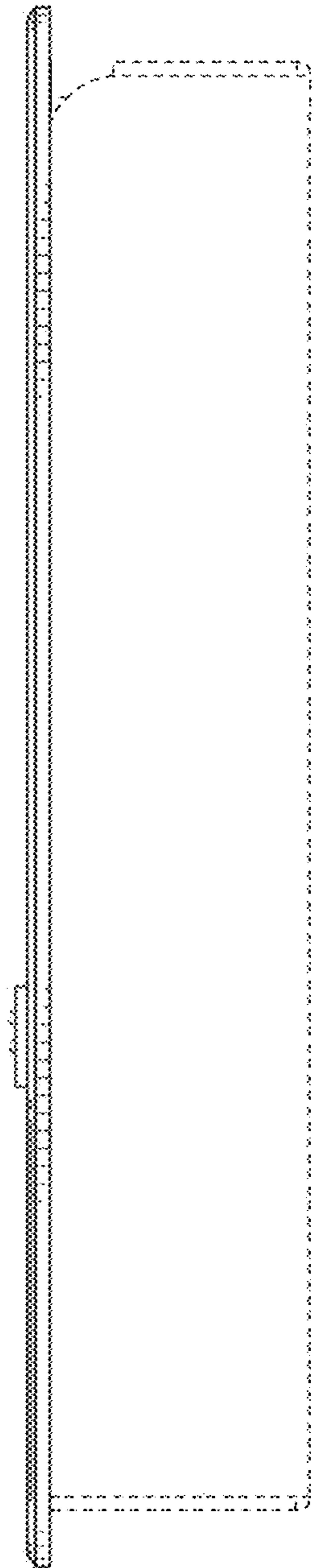


FIG. 4

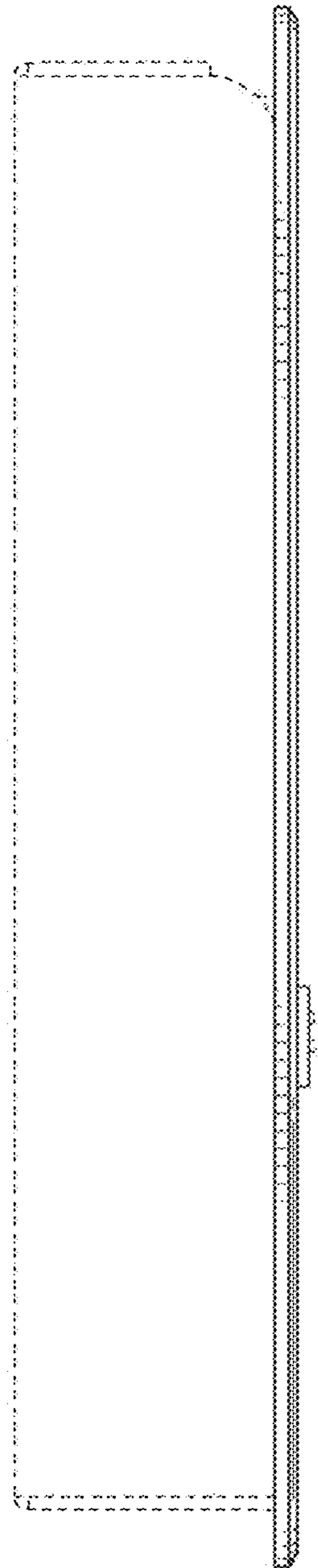


FIG. 5

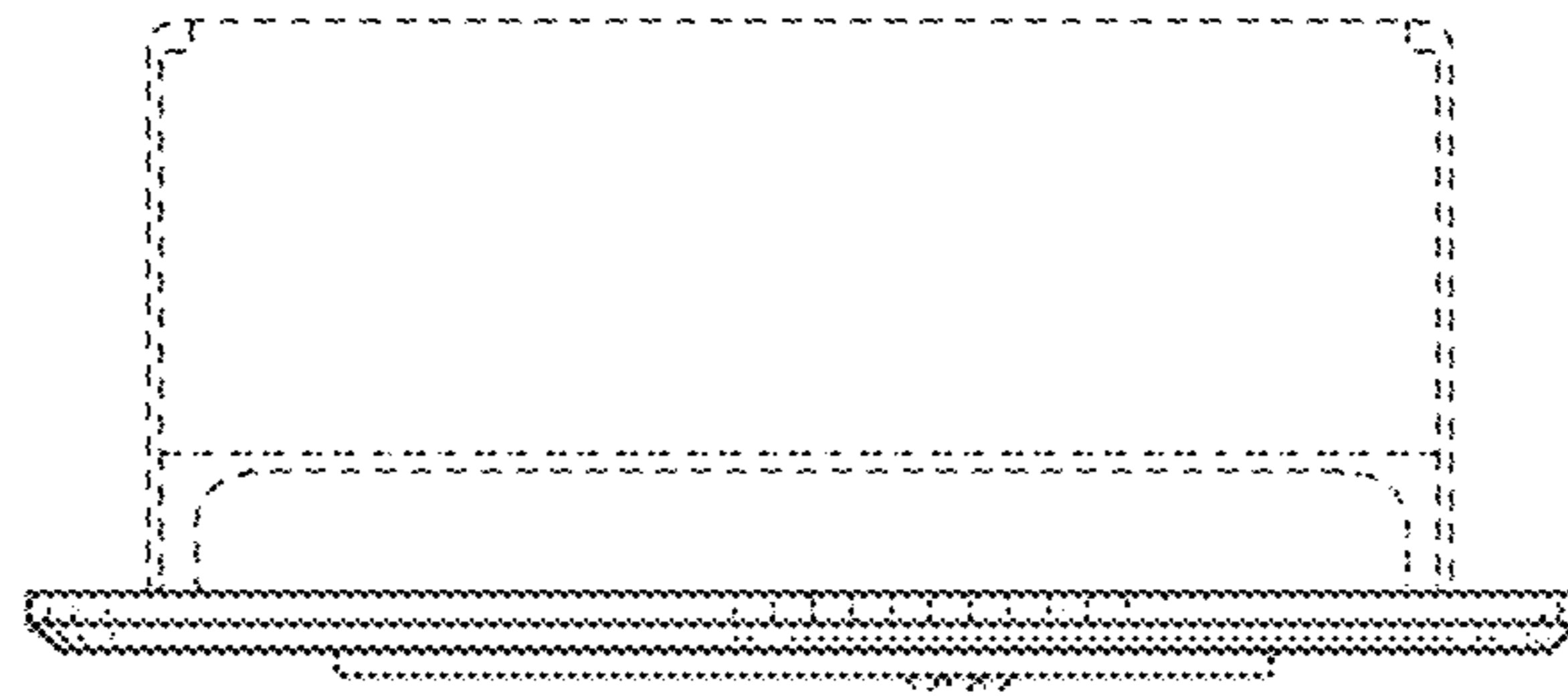


FIG. 6

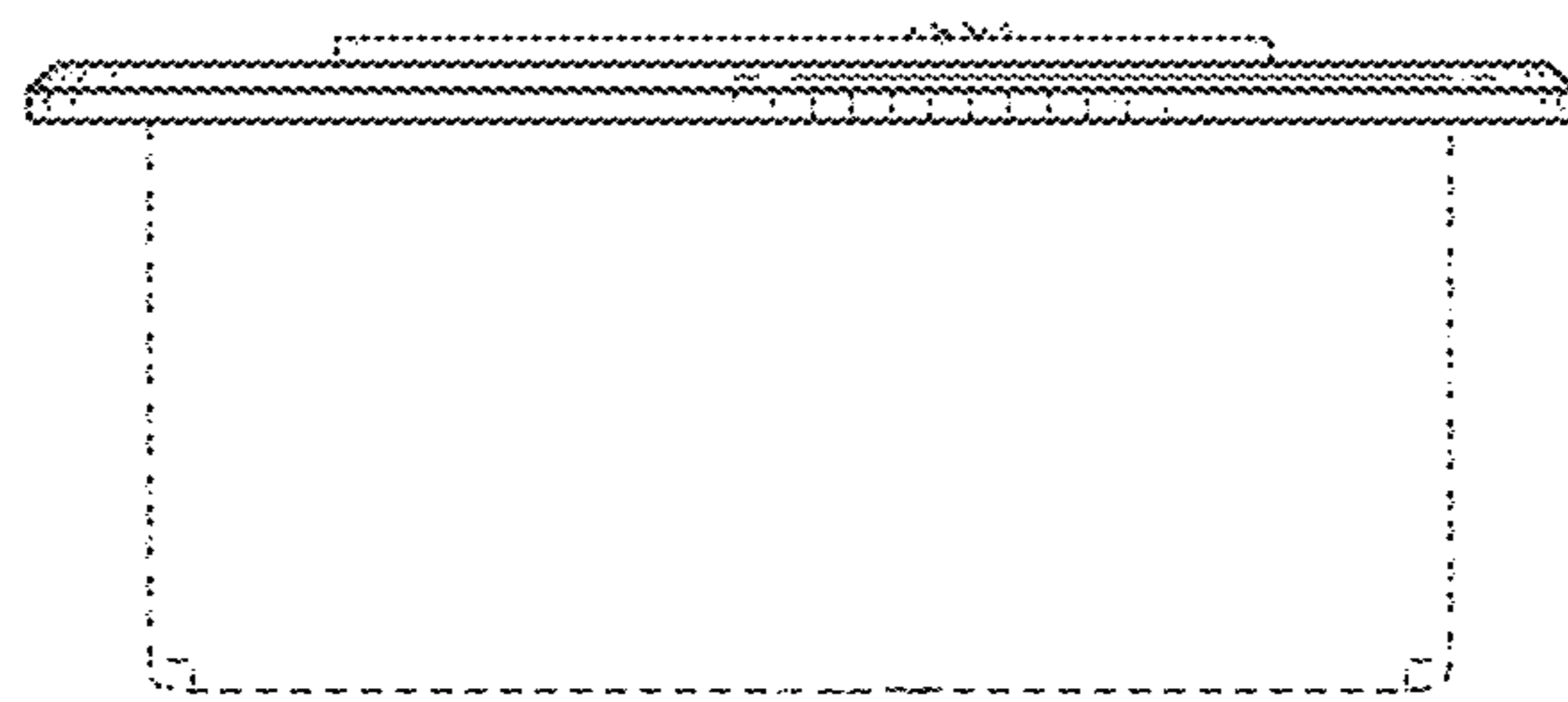


FIG. 7

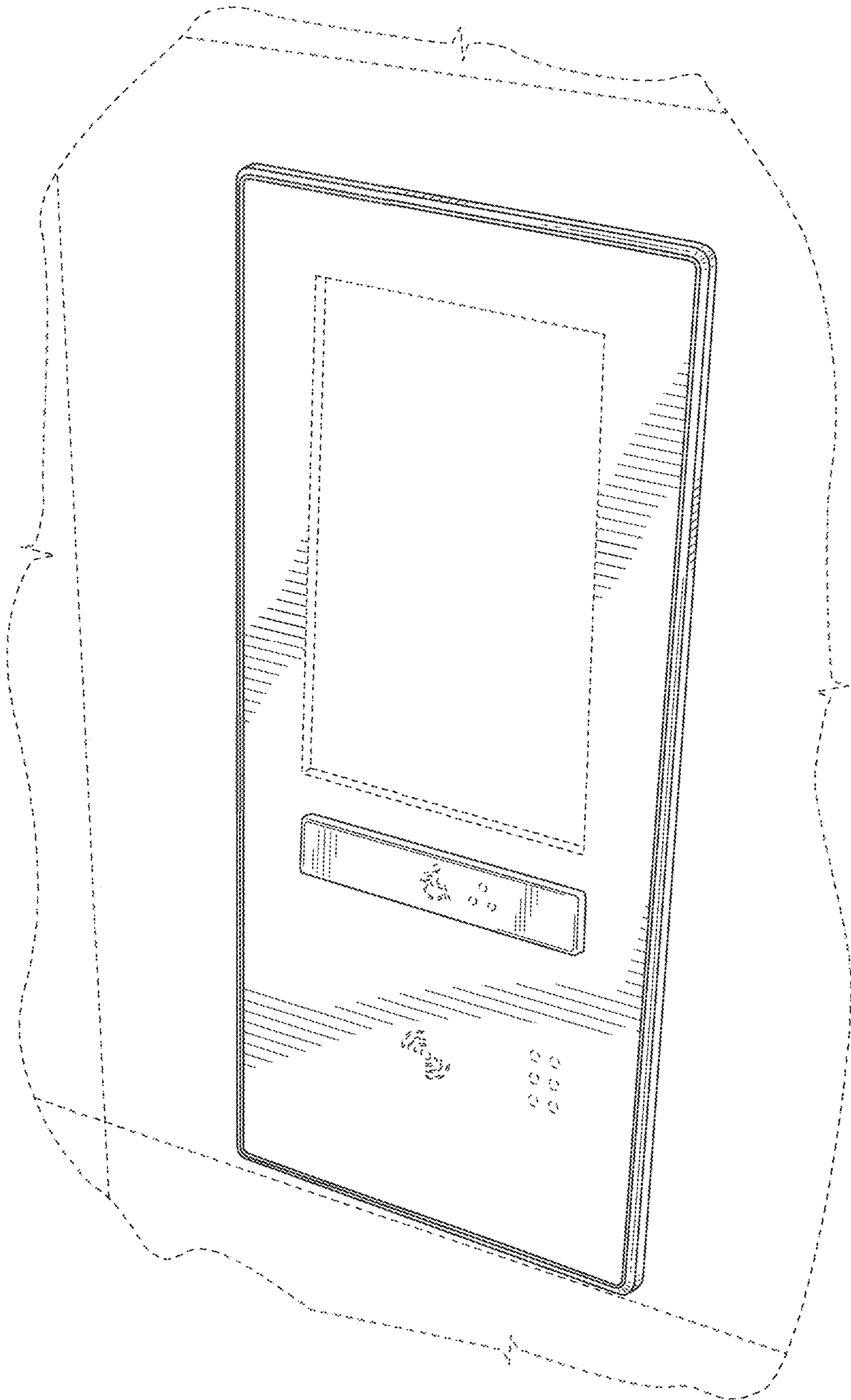


FIG. 8

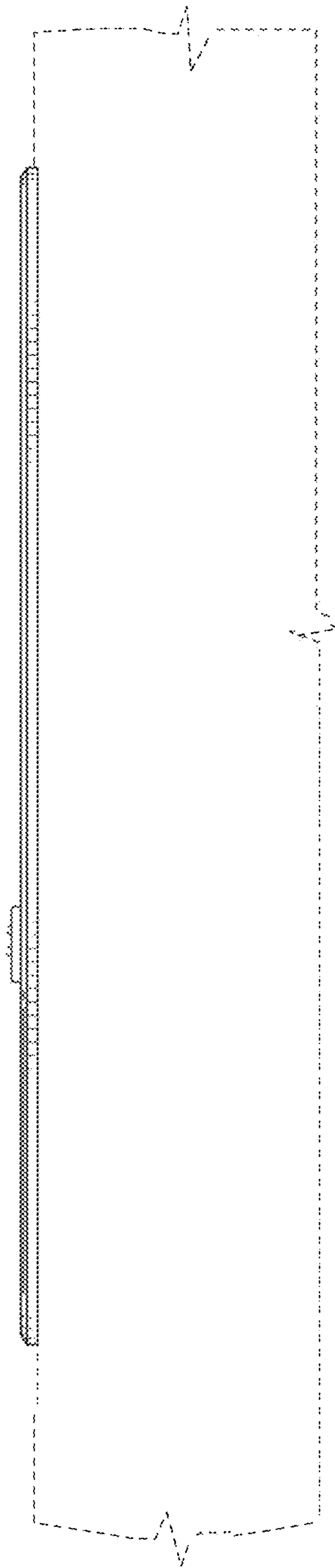


FIG. 9