



US0D1055022S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,055,022 S**
Kim et al. (45) **Date of Patent:** **** Dec. 24, 2024**

(54) **SPEAKER WITH BATTERY PACK**

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

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

(57) **CLAIM**

(72) Inventors: **Yongseok Kim**, Seoul (KR); **Jiwon Park**, Seoul (KR)

The ornamental design for a speaker with battery pack as shown and described.

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

DESCRIPTION

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

1.1 : Perspective

(21) Appl. No.: **35/519,361**

1.2 : Front

(22) Filed: **Nov. 10, 2023**

1.3 : Back

1.4 : Left

(80) **Hague Agreement Data**

Int. Filing Date: **Nov. 10, 2023**

Int. Reg. No.: **DM/233601**

Int. Reg. Date: **Nov. 10, 2023**

Int. Reg. Pub. Date: **Dec. 15, 2023**

1.5 : Top

1.6 : Bottom

1.7 : Reference view

1.8 : Perspective

1.9 : Front

1.10 : Back

1.11 : Left

1.12 : Top

1.13 : Bottom

(30) **Foreign Application Priority Data**

Jun. 20, 2023 (KR) 30-2023-0023550

1.14 : Reference view

1.15 : Reference view

1.16 : Reference view

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

1.17 : Perspective

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

USPC **D14/204**

1.18 : Front

1.19 : Back

(58) **Field of Classification Search**

USPC D14/167, 168, 175, 188, 194–198, 204, D14/209.1, 210–217, 219, 221, 222, 224, D14/239, 496

1.20 : Left

1.21 : Top

1.22 : Bottom

1.23 : Reference view

1.24 : Reference view

1.25 : Reference view

1.26 : Reference view

1.27 : Reference view

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D256,463 S * 8/1980 Barcus D14/212

D462,967 S * 9/2002 Suzuki D14/315

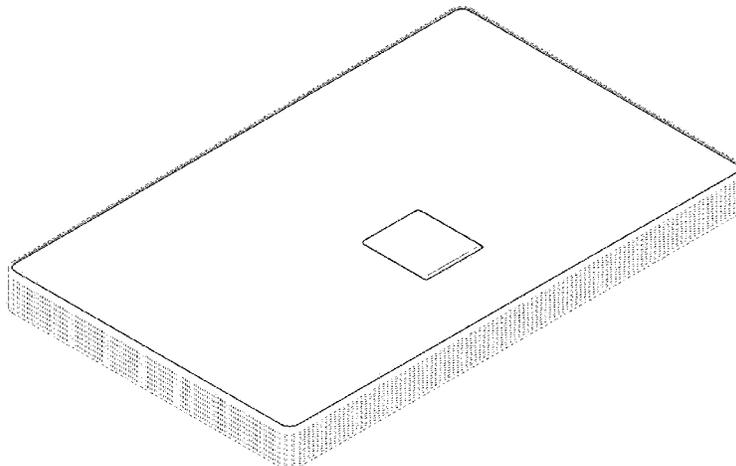
(Continued)

The characteristic features of the design lie in the shape; the broken lines indicate portions of the article that form no part of the claimed design; the broken lines in reproductions 1.7, 1.14, 1.15, 1.16, 1.23, 1.24, 1.25, 1.26 and 1.27 form no part of the claimed design; reproductions 1.1 to 1.6 show the claimed design before its change; reproductions 1.8 to 1.13

(Continued)

Primary Examiner — Khawaja Anwar

Assistant Examiner — Megan Tiana Rakos



show an intermediate step after its change, with a central mounting part protrudes; reproductions 1.17 to 1.22 show that its mounting part fully protrudes; the right side view is omitted because it is a mirror image of the left side view; reproduction 1.7 is a reference view showing a display device and a stand are coupled to the claimed design; reproduction 1.14 is a reference view showing a display device horizontally combined; reproduction 1.15 is a reference view showing a display device vertically combined; reproduction 1.16 is a reference view showing a stand is coupled to the state of reproduction 1.15; reproduction 1.23 is a reference view showing a display device being coupled to the claimed design; reproduction 1.24 is a reference view showing a display device horizontally coupled; reproduction 1.25 is a reference view showing a stand is coupled to the state of reproduction 1.23; reproduction 1.26 is a reference view showing a display device vertically being coupled; reproduction 1.27 is a reference view showing a display device is vertically coupled; reproductions 1.7, 1.14, 1.15, 1.16, 1.23, 1.24, 1.25, 1.26 and 1.27 form no part of the claimed design.

1 Claim, 27 Drawing Sheets

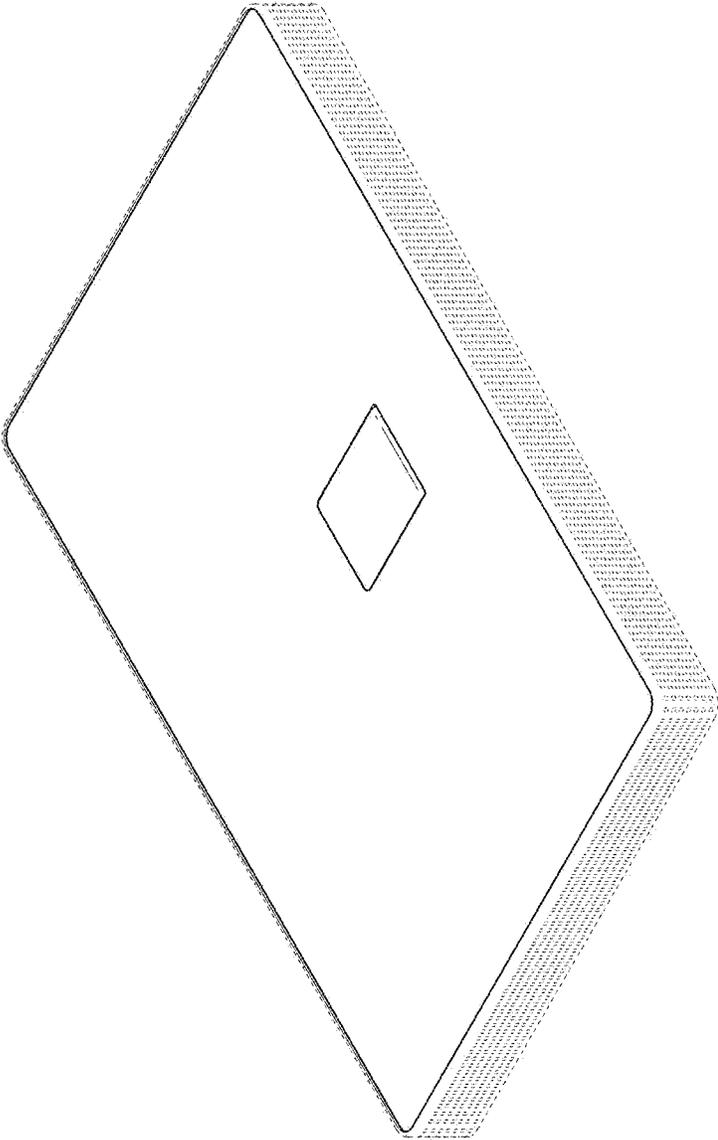
(58) **Field of Classification Search**
 CPC . H04R 1/02; H04R 1/06; H04R 1/021; H04R 1/025; H04R 1/026; H04R 1/028; H04R 1/105; H04R 1/323; H04R 1/403; H04R 1/345; H04R 1/2834; H04R 1/2888; H04R 1/2803; H04R 1/288; H04R 1/2819; H04M 1/03; H04M 1/035; B60R 11/0217; G06F 1/1688
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

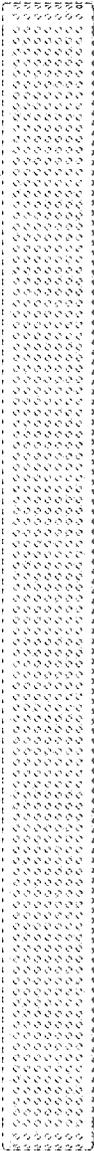
D566,706	S	*	4/2008	Andre	.....	D14/496
D639,758	S	*	6/2011	Lee	.....	D14/125
D733,043	S	*	6/2015	Hasbrook	.....	D13/103
D746,338	S	*	12/2015	Kim	.....	D14/204
D754,627	S	*	4/2016	Fustino	.....	D14/188
D768,109	S	*	10/2016	Ohno	.....	D14/204
D805,498	S	*	12/2017	Jeon	.....	D14/204
D819,618	S	*	6/2018	Cha	.....	D14/239
D860,129	S	*	9/2019	Price	.....	D13/103
D956,686	S	*	7/2022	DiLella	.....	D13/103
D973,645	S	*	12/2022	Wan	.....	D14/240
D974,322	S	*	1/2023	Kim	.....	D14/188
12,052,540	B2	*	7/2024	Jin	.....	H04R 9/06

* cited by examiner

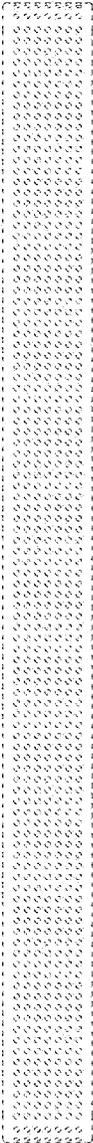


1-1

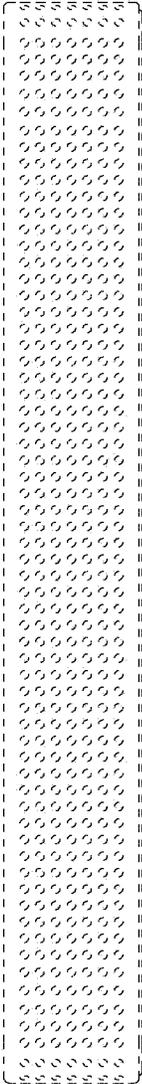
1.2

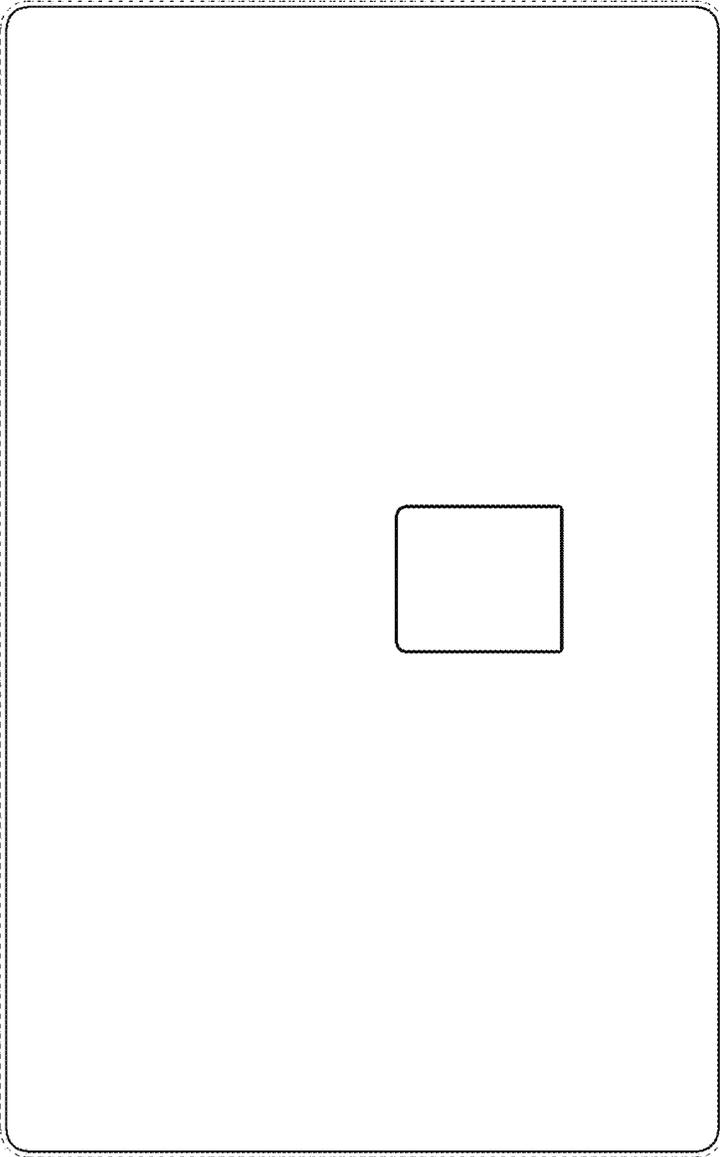


1.3



1.4



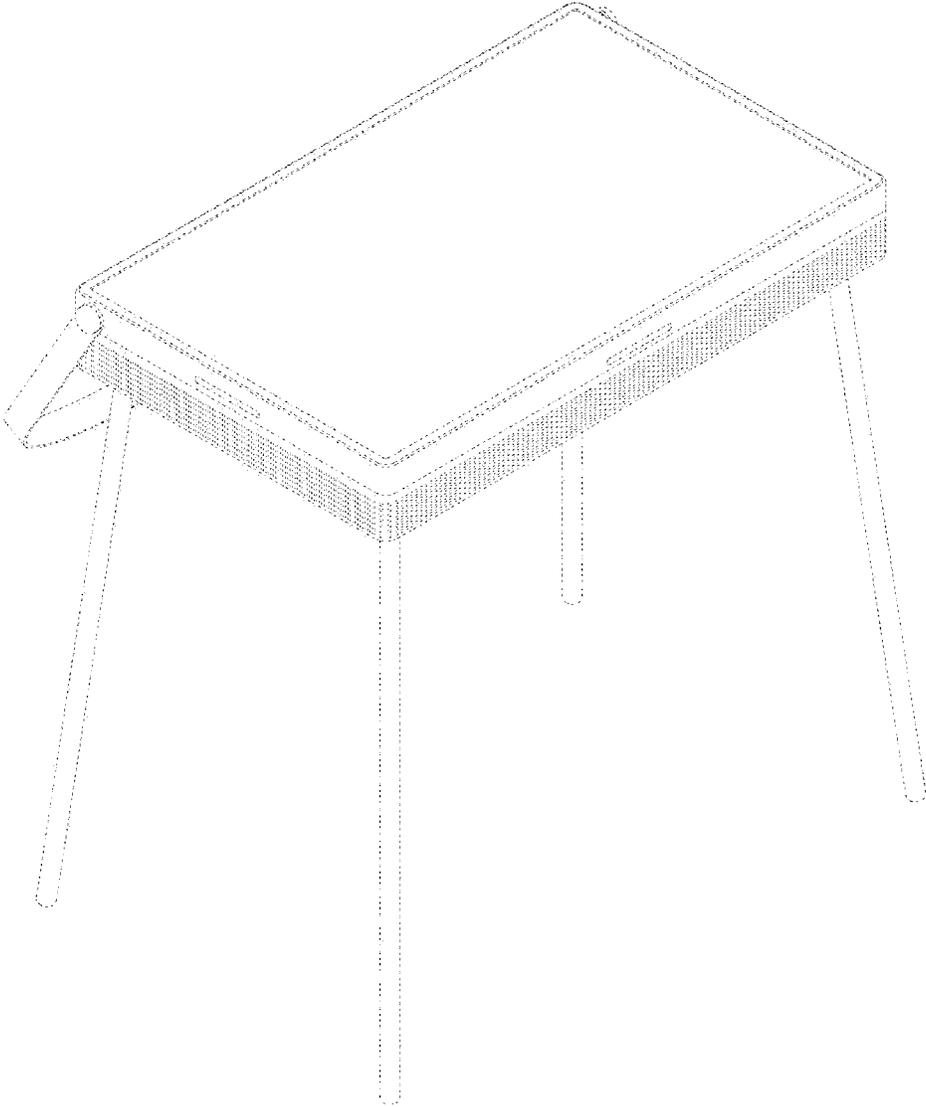


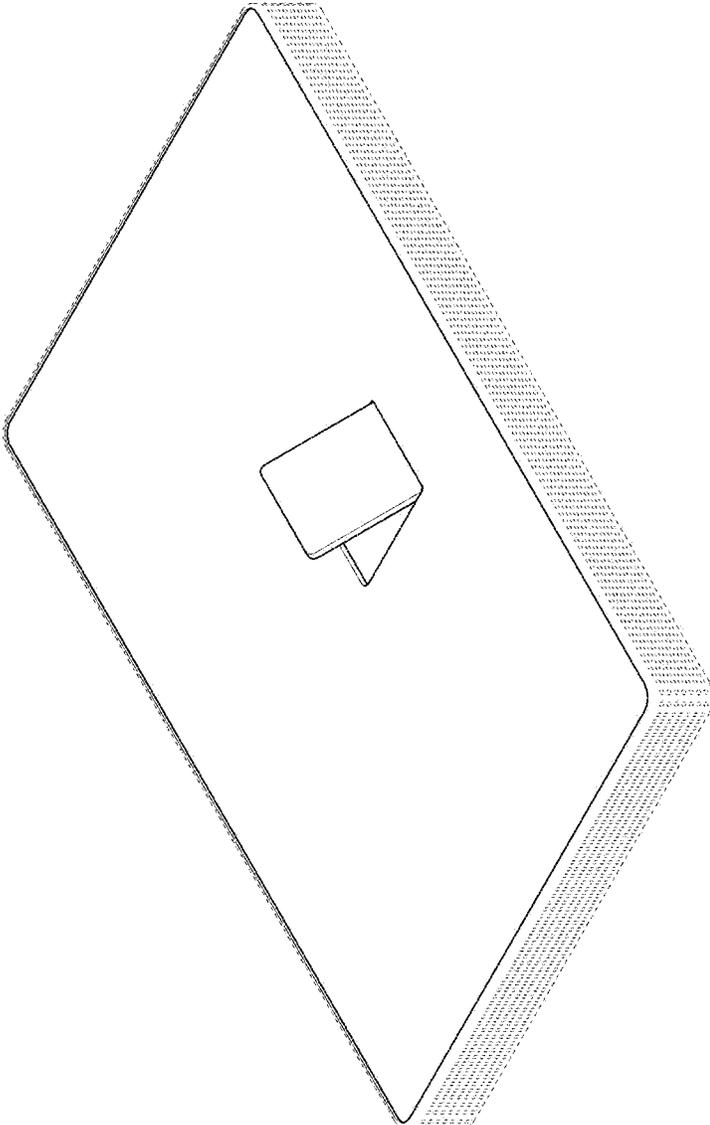
1.5

1.6

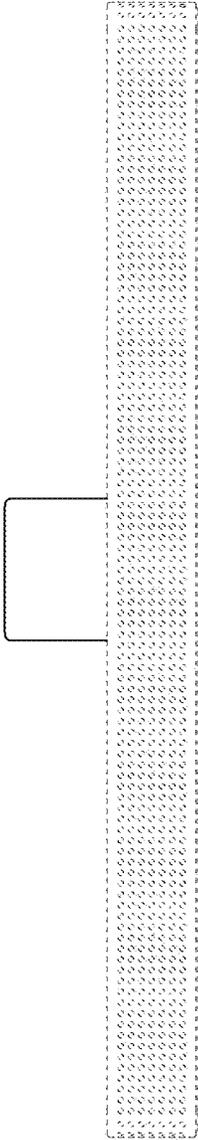


1.7

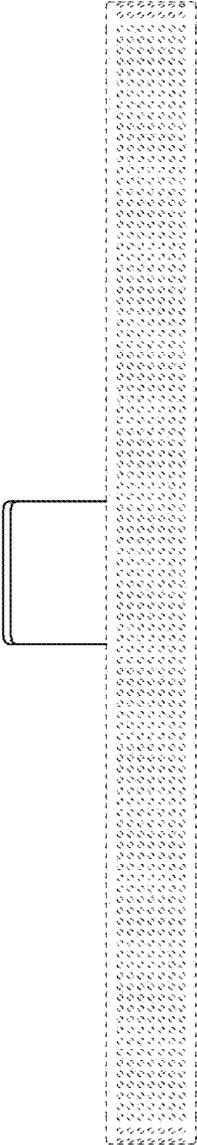




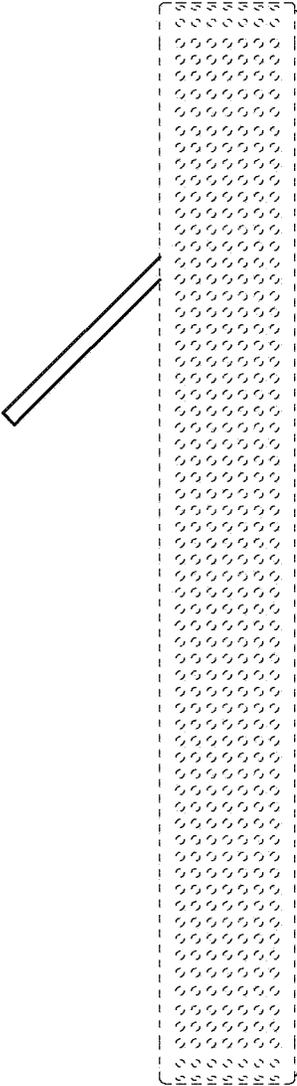
1.8



1.9

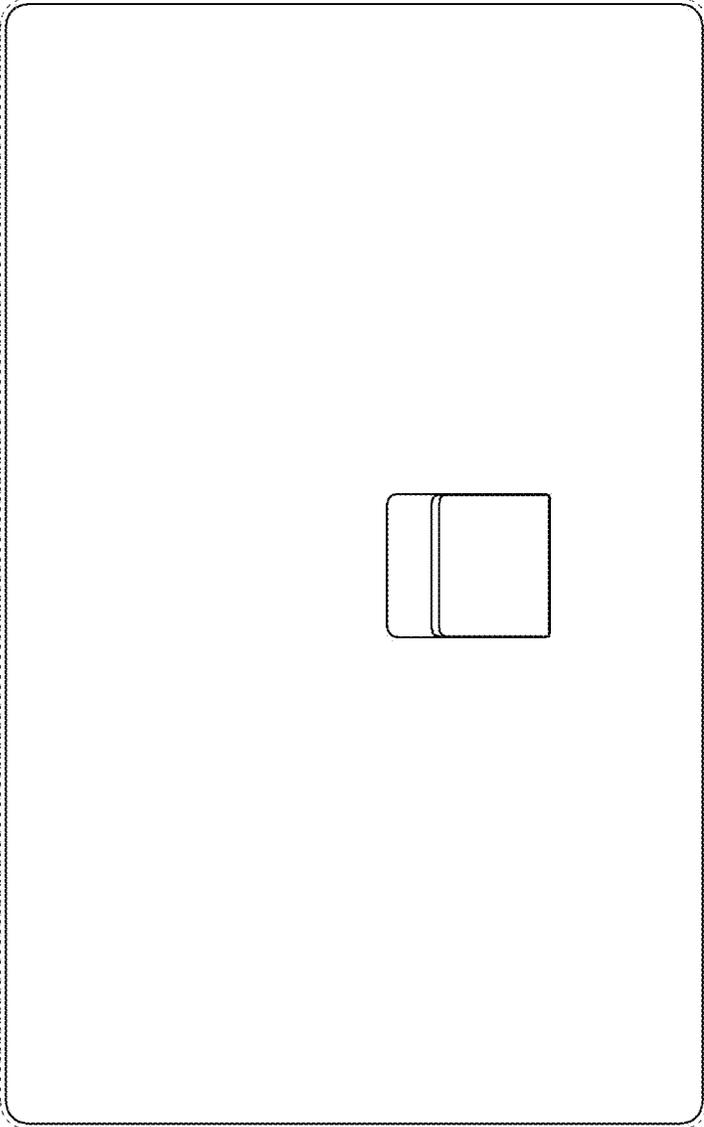


1.10

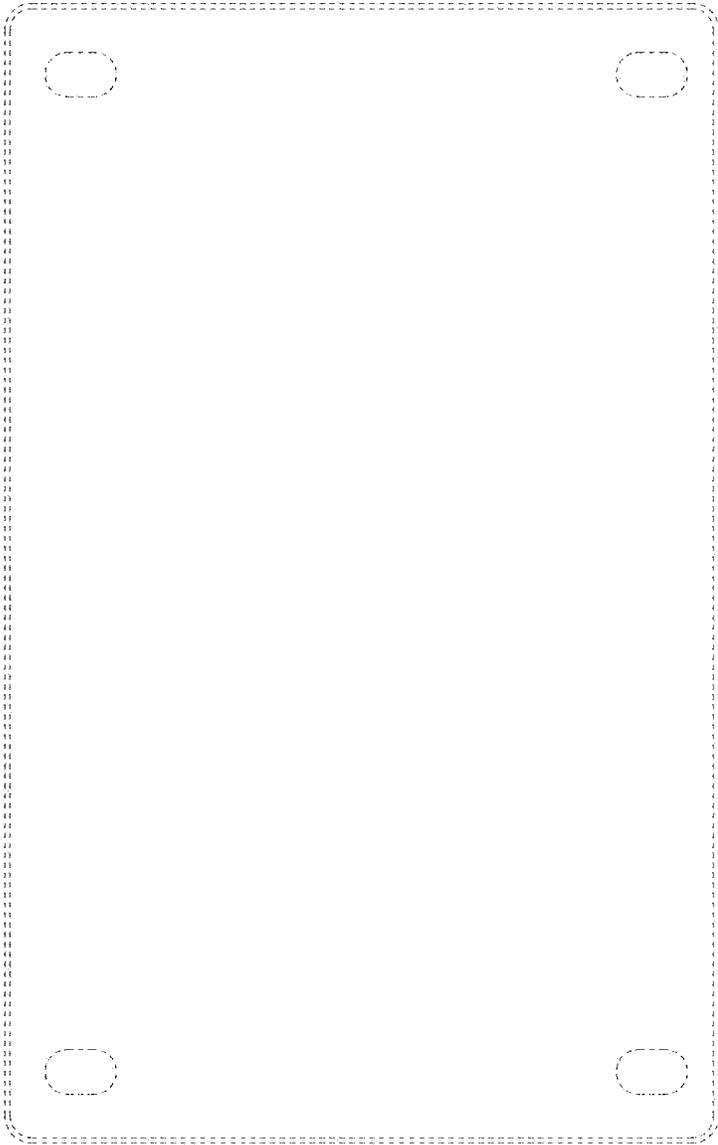


1.11

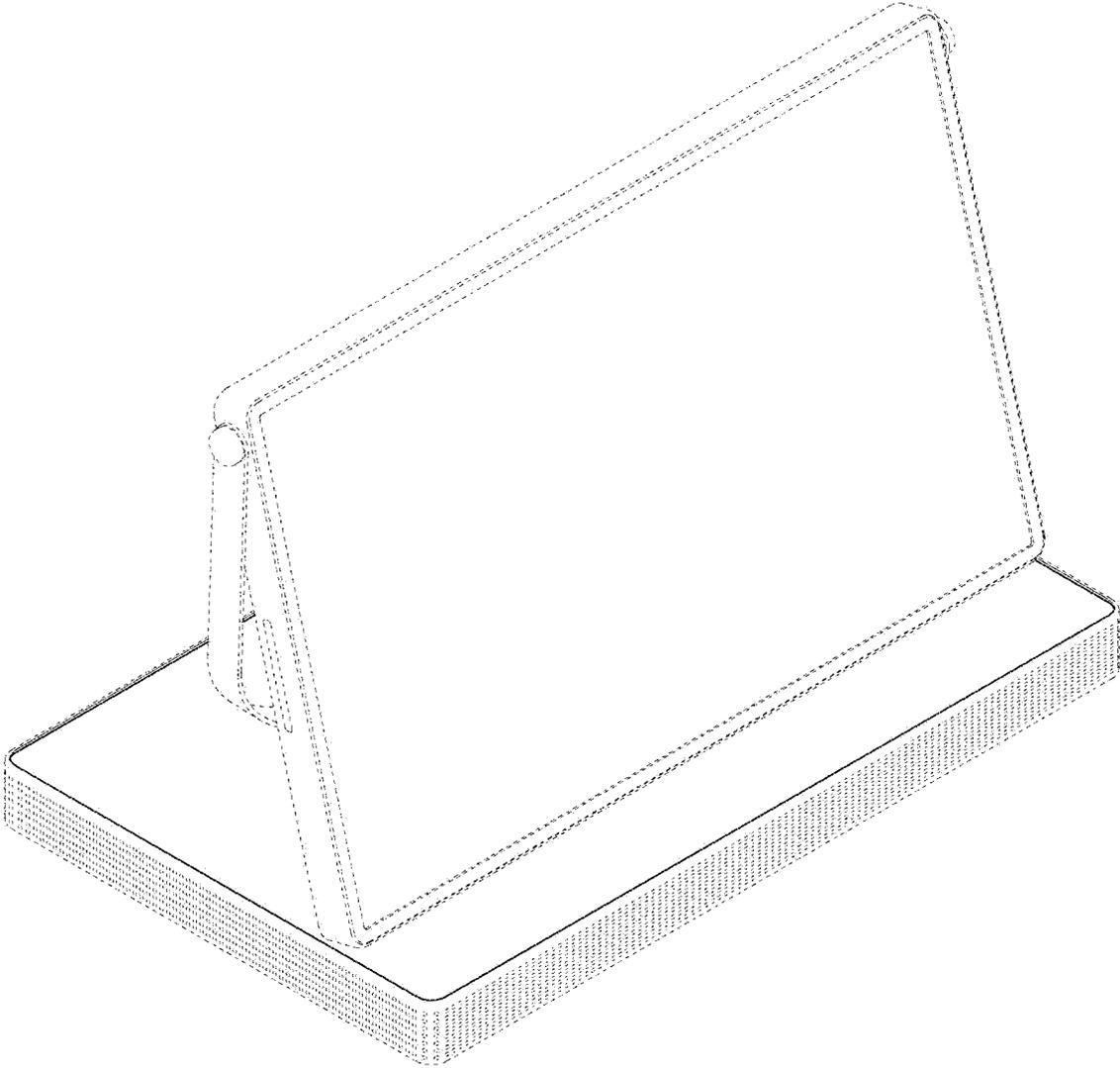
1.12



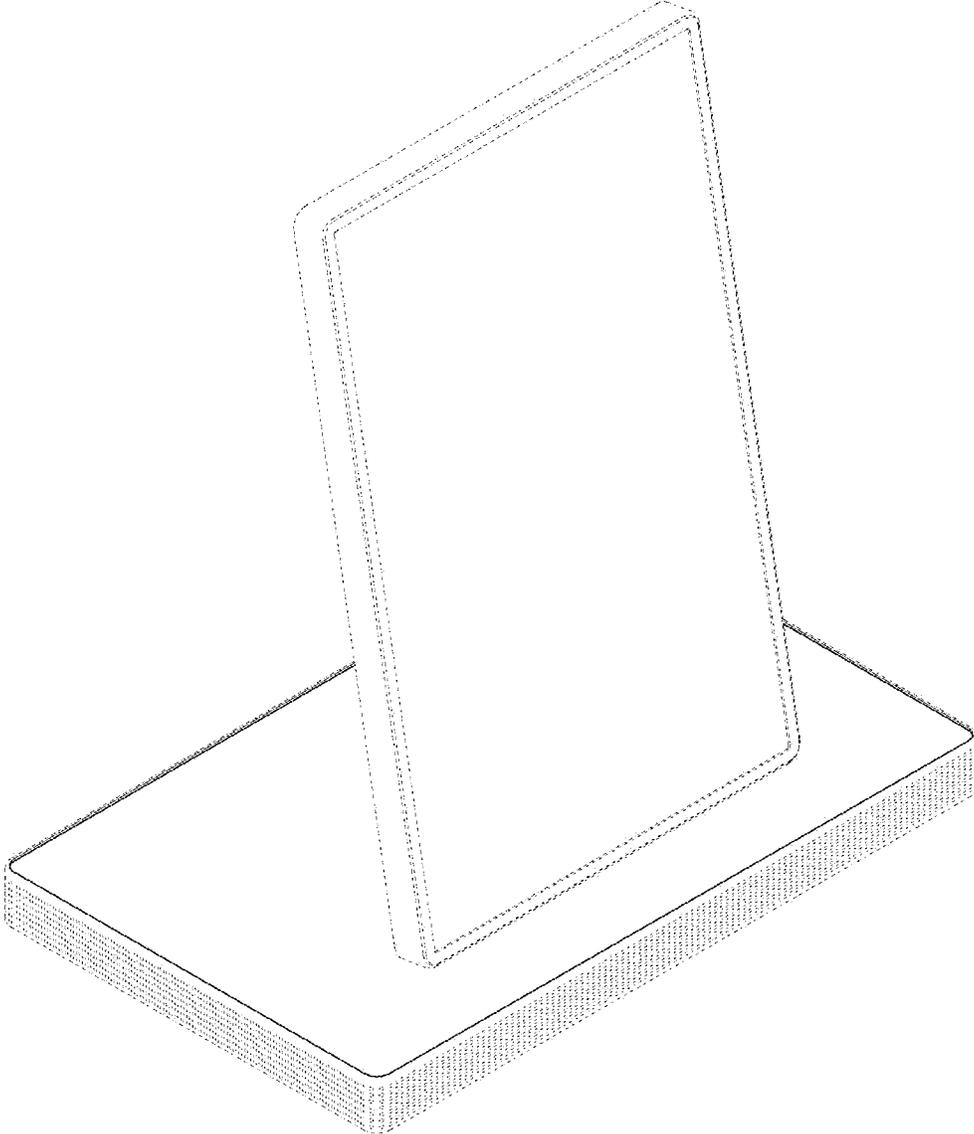
1.13



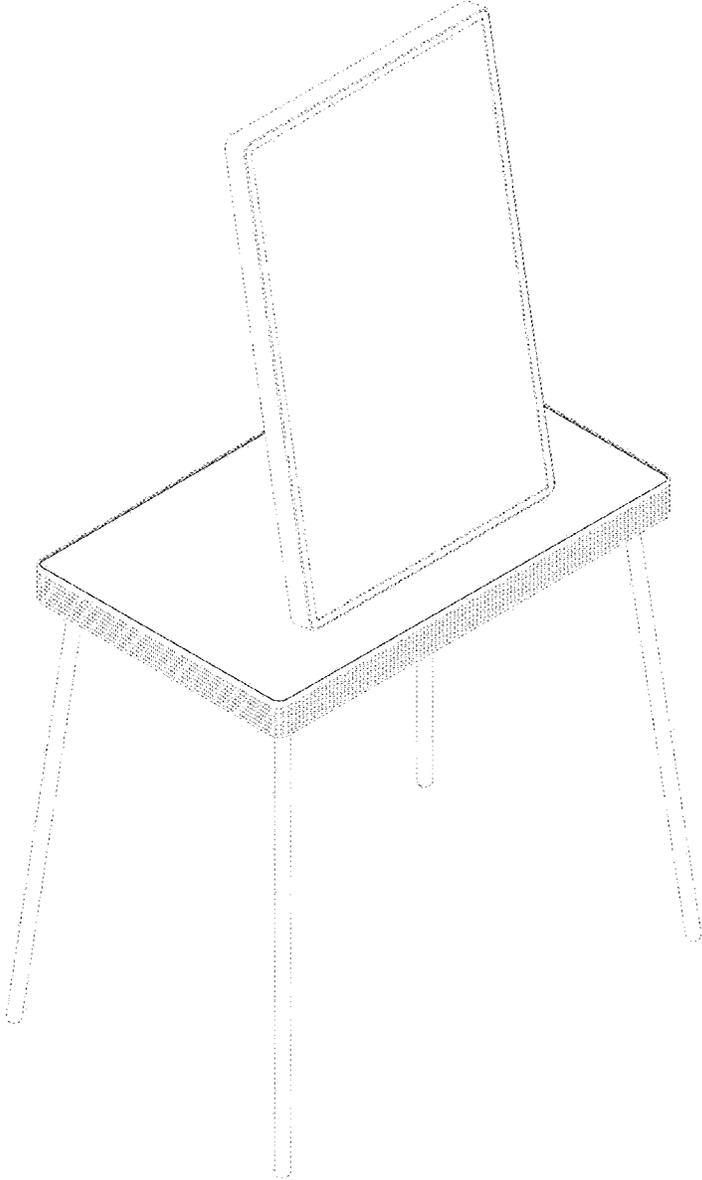
1.14

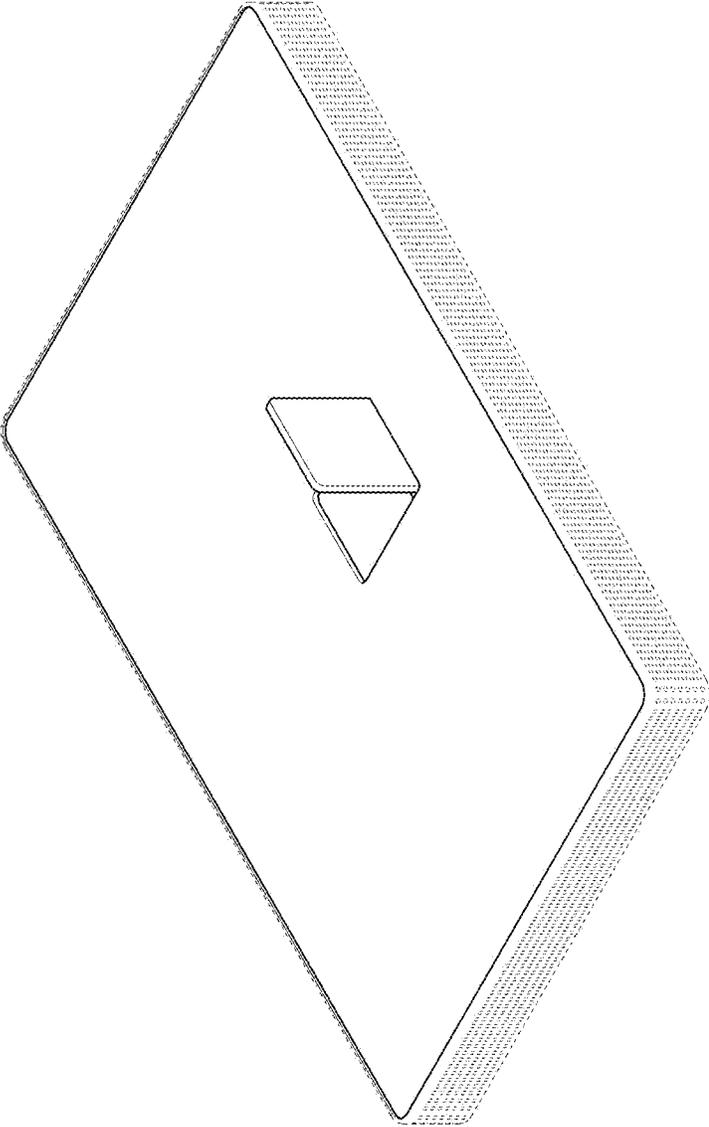


1.15

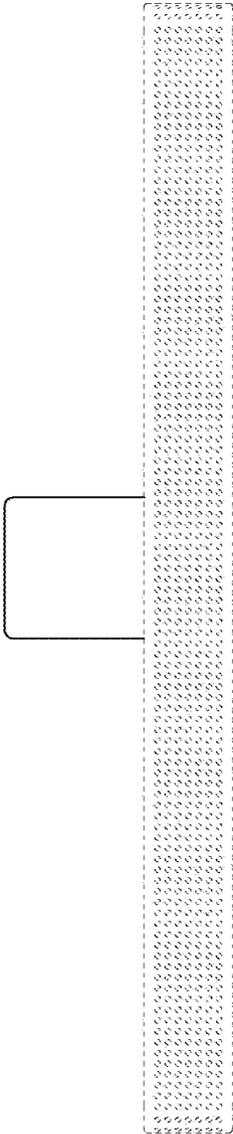


1.16

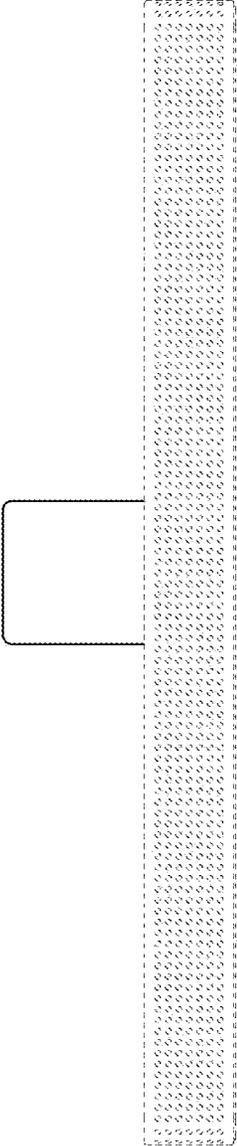




1.17



1.18

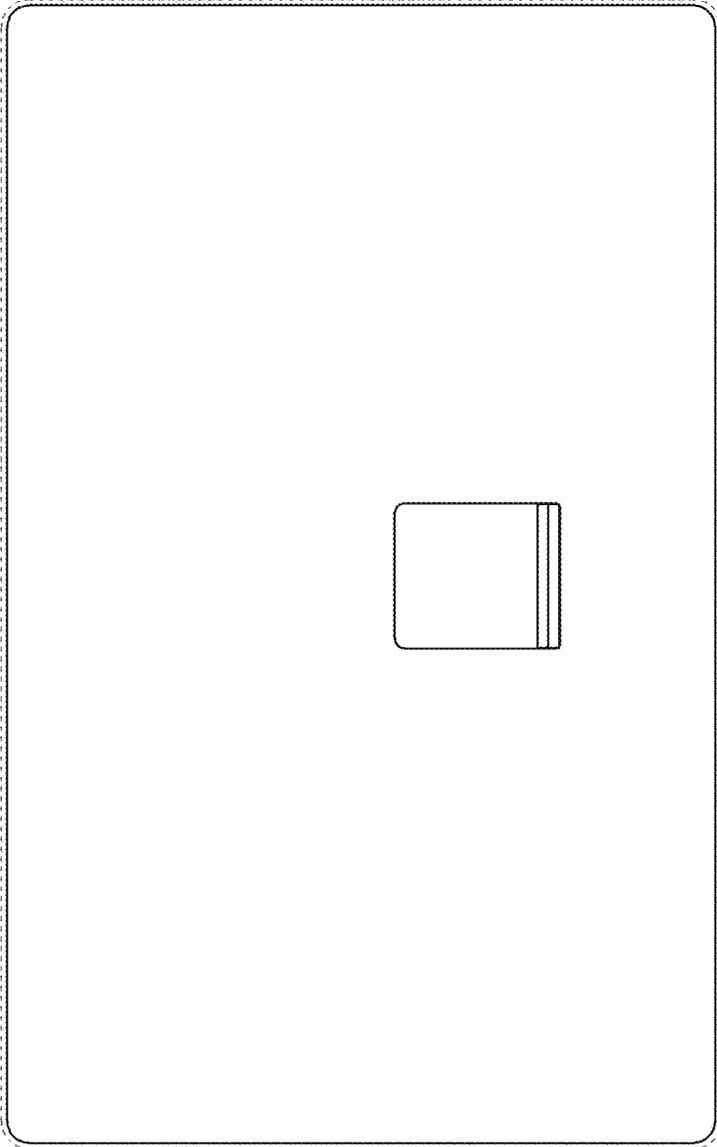


1.19

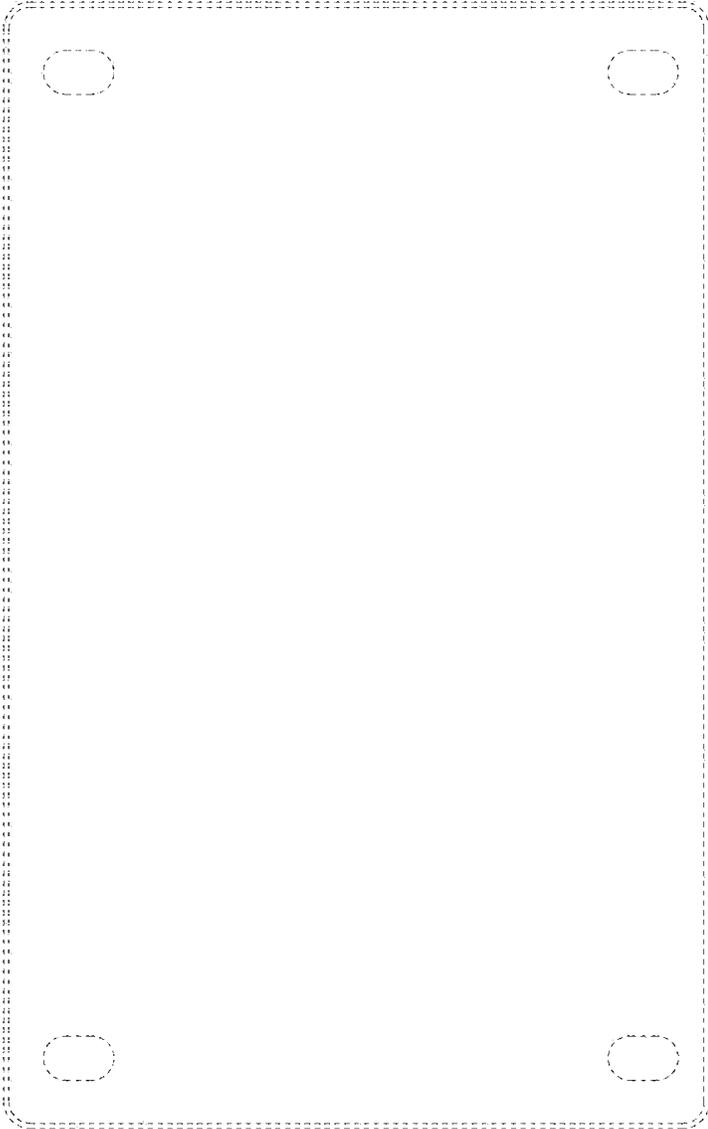


1.20

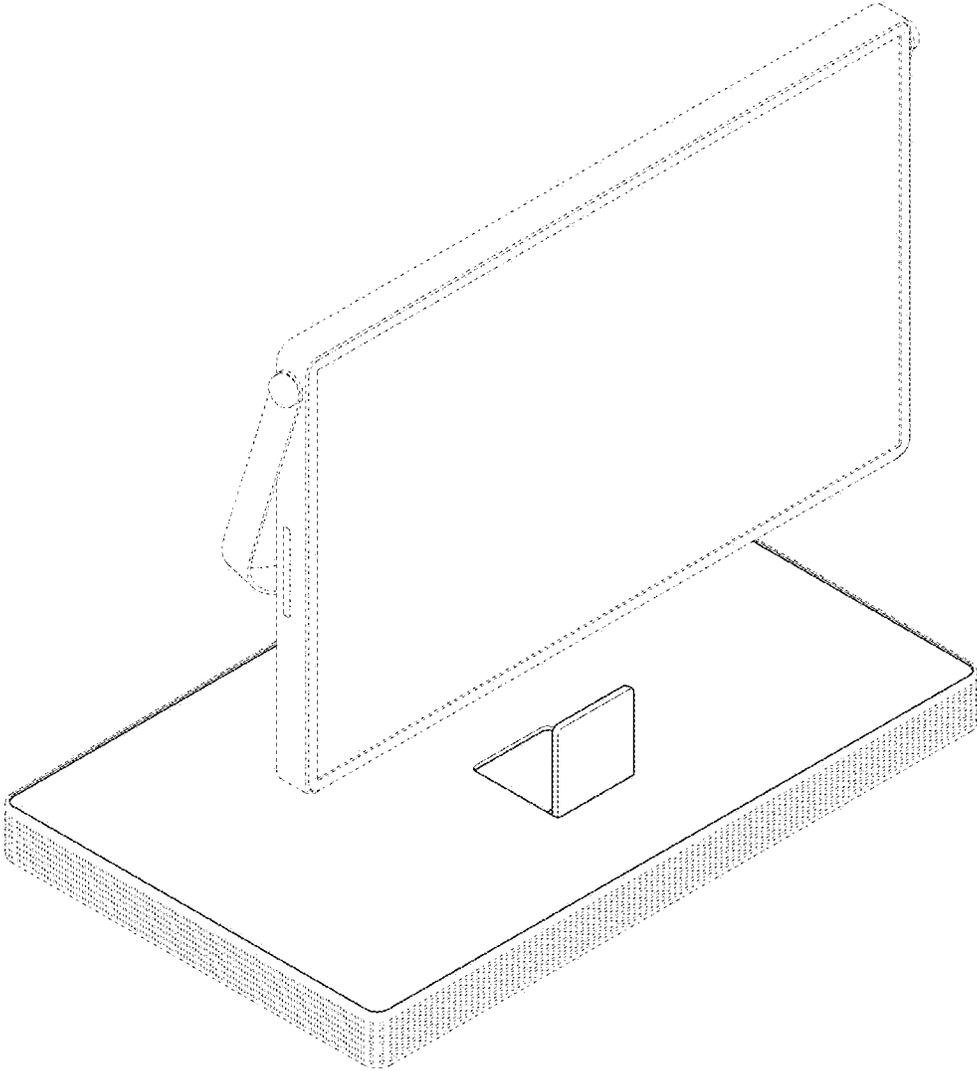
1.21



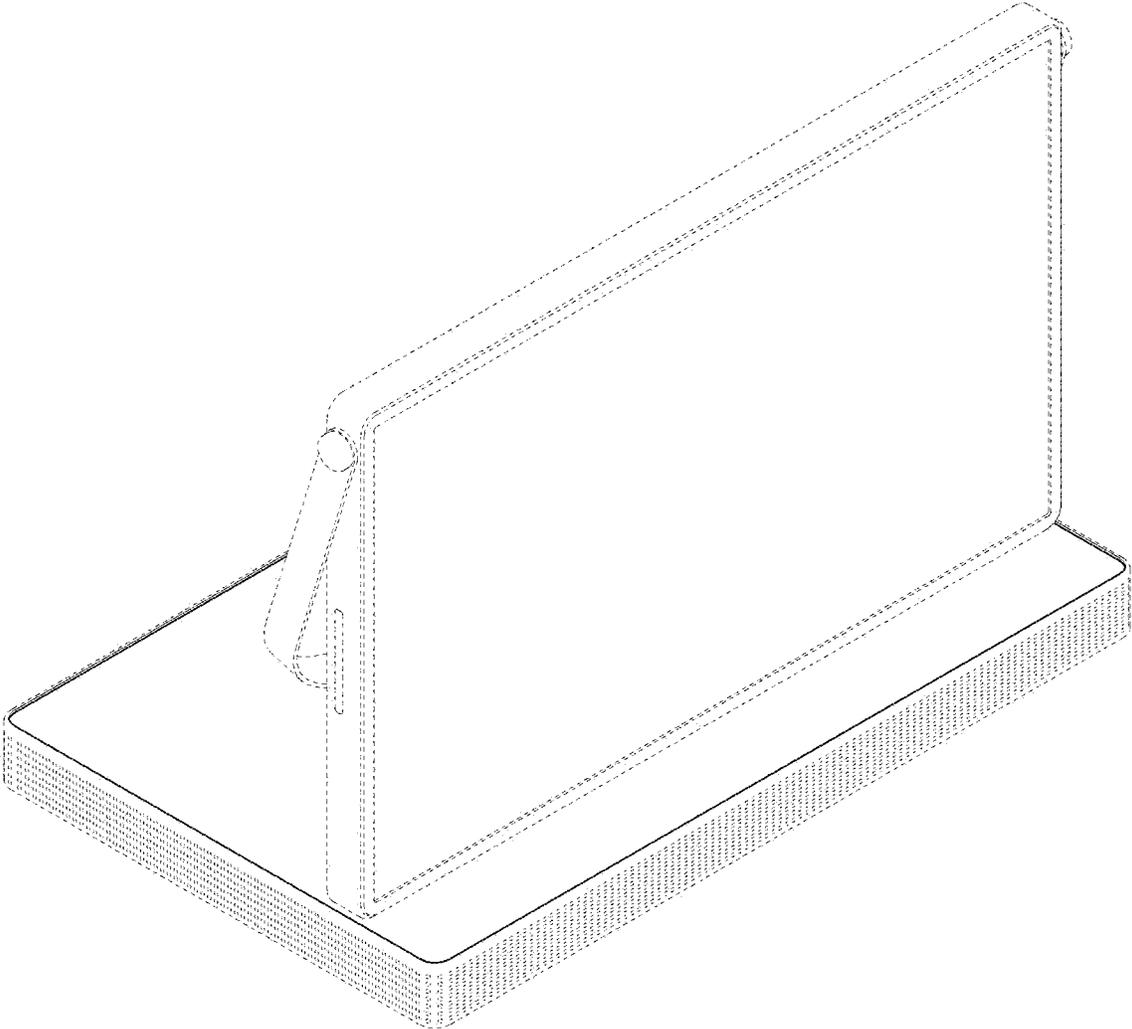
1.22



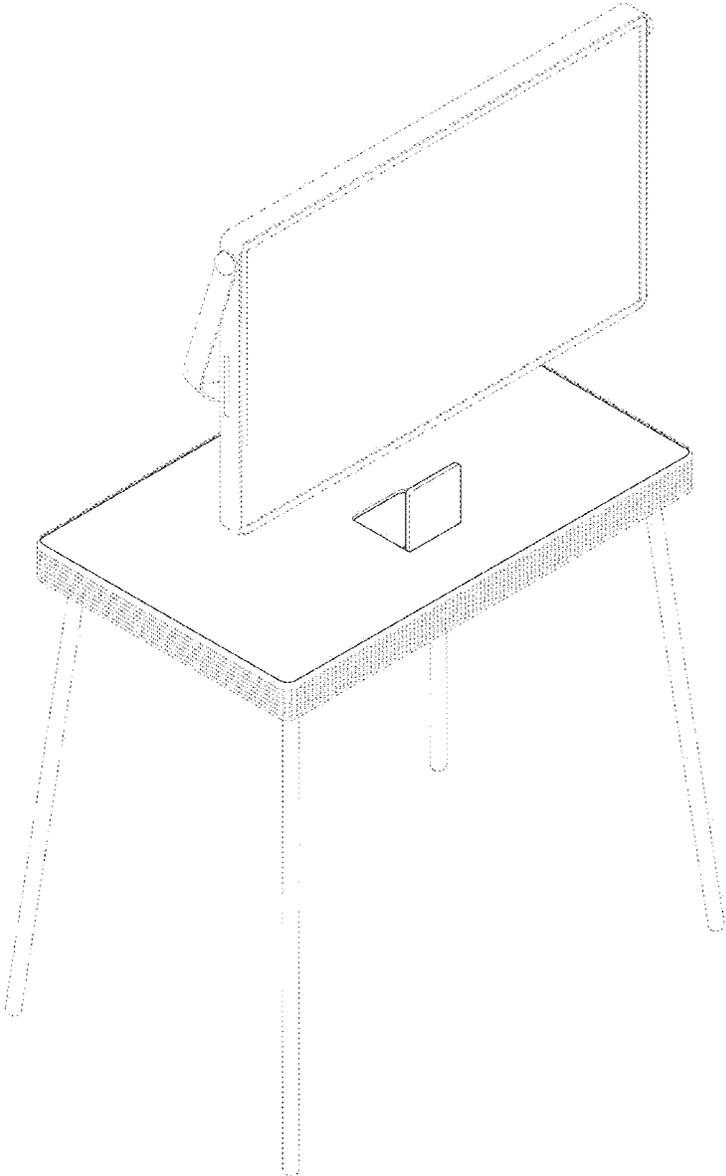
1.23



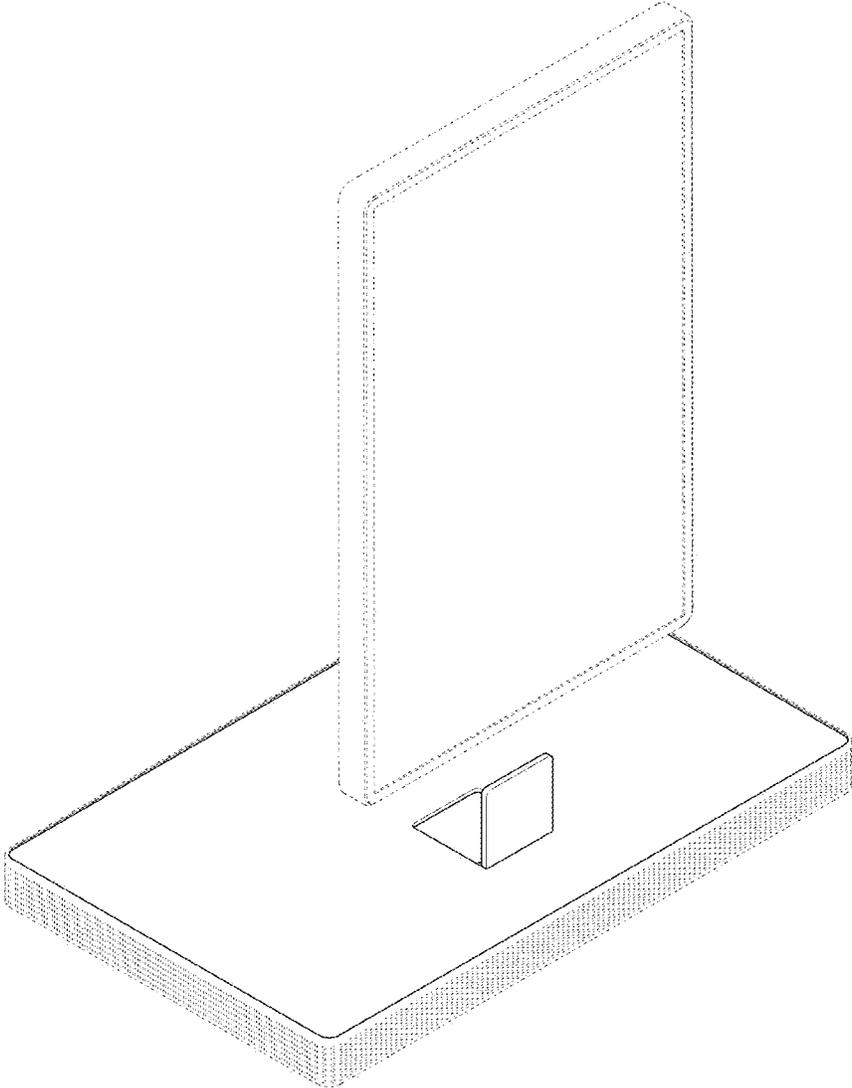
1.24



1.25



1.26



1.27

