



US00D946566S

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

(10) **Patent No.:** **US D946,566 S**  
(45) **Date of Patent:** **\*\* Mar. 22, 2022**

(54) **LAPTOP COMPUTER**

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

(72) Inventors: **Taejin Lee**, Seoul (KR); **Daihyung Ryu**, Seoul (KR); **Yoonyoung Cho**, Seoul (KR)

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

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

(21) Appl. No.: **29/738,273**

(22) Filed: **Jun. 16, 2020**

(30) **Foreign Application Priority Data**

Dec. 19, 2019 (KR) ..... 30-2019-0061890

(51) **LOC (13) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/318**; D14/389; D14/390

(58) **Field of Classification Search**  
USPC ..... D14/315–328, 432, 331, 338–340, D14/388–390, 399, 439–441, 448, 450, D14/455; D18/1, 4.3, 7, 12.2–12.3  
CPC ..... G06F 1/1601; G06F 1/1605; G06F 1/165; G06F 1/166; G06F 1/169; G06F 1/1613; G06F 1/1615; G06F 1/1616; G06F 1/1618; G06F 1/162; G06F 1/1622; G06F 1/1624; G06F 1/1633; G06F 1/1637; G06F 1/181; G06F 1/1643; G06F 1/1647; G06F 1/1649; G06F 1/1652; G06F 1/1654; G06F 1/1656; G06F 1/1662; G06F 1/1671; G06F 1/1669; G06F 1/203; G06F 1/1688; G06F 1/1692; G06F 15/0216; H05K 5/0047; H05K 5/0052  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D494,190 S *	8/2004	Hong	.....	D14/319
D502,496 S *	3/2005	Yusef	.....	D18/2
D538,279 S *	3/2007	Mahan	.....	D14/329
D689,047 S *	9/2013	Kinkeldey	.....	D14/331
D716,302 S *	10/2014	Delgado	.....	D14/390
D726,724 S *	4/2015	Wahlqvist	.....	D14/390
D729,792 S *	5/2015	Kurimoto	.....	D14/320
D788,768 S *	6/2017	Hsieh	.....	D14/315
D848,423 S *	5/2019	Kujawski	.....	D14/401
D916,077 S *	4/2021	Wang	.....	D14/315
D931,273 S *	9/2021	Wang	.....	D14/315

(Continued)

OTHER PUBLICATIONS

Lee et al., KR Design No. 300714878, published at Orbit, publication date Aug. 18, 2015. Site visited Nov. 5, 2021. Available from Internet. (Year: 2015).\*

(Continued)

*Primary Examiner* — Kathleen L Jones

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

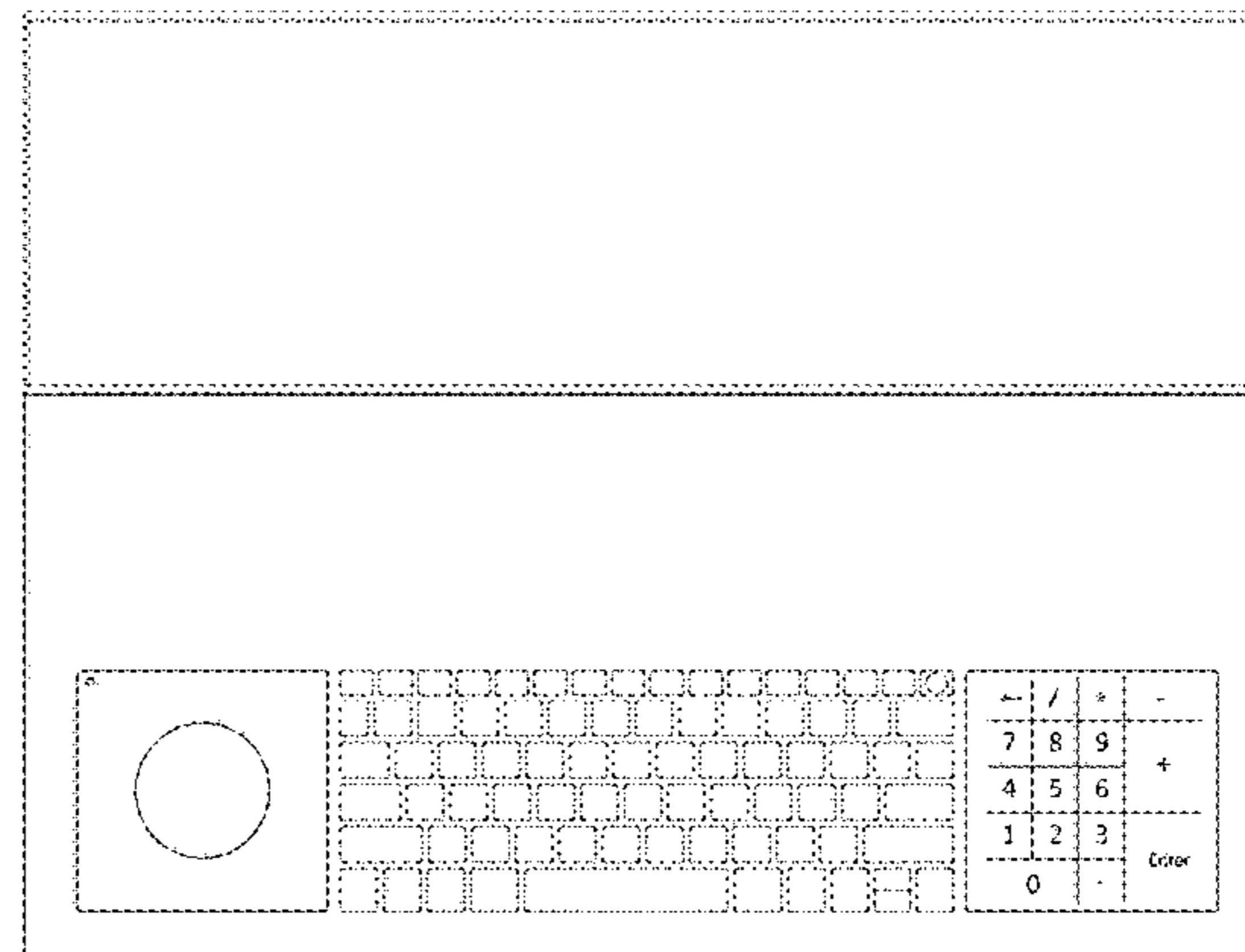
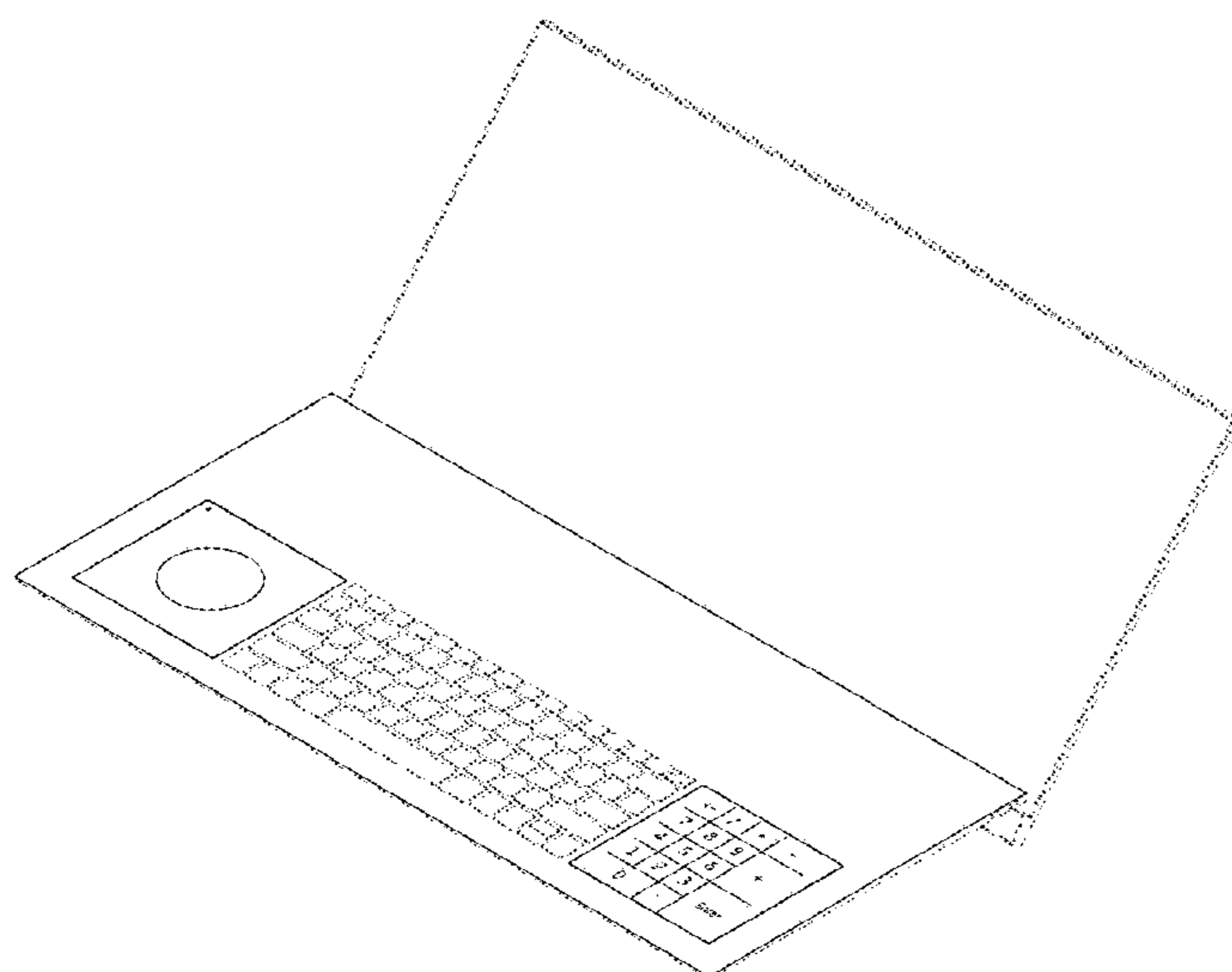
(57) **CLAIM**

The ornamental design for a laptop computer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, right side, perspective view of a laptop computer 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 view thereof; and,  
FIG. 7 is a bottom view.  
The broken lines indicate portions of the article that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D931,274 S \* 9/2021 Hwang ..... D14/315  
 2007/0203963 A1 \* 8/2007 Chen ..... G06F 1/1616  
 708/100  
 2007/0206347 A1 \* 9/2007 Kuo ..... G06F 1/1656  
 361/679.28  
 2008/0094025 A1 \* 4/2008 Rosenblatt ..... G06F 1/1635  
 320/101  
 2008/0246731 A1 \* 10/2008 Chechelner ..... G06F 3/03547  
 345/168  
 2013/0339985 A1 \* 12/2013 Tseng ..... G11B 17/0288  
 720/601  
 2014/0160654 A1 \* 6/2014 Yoo ..... G06F 1/1681  
 361/679.12  
 2014/0204520 A1 \* 7/2014 Wu ..... G06F 1/1669  
 361/679.17  
 2014/0218857 A1 \* 8/2014 Liu ..... G06F 1/1686  
 361/679.27  
 2015/0147513 A1 \* 5/2015 Shiroishi ..... B29D 99/006  
 428/58  
 2015/0177792 A1 \* 6/2015 Vic ..... G06F 1/1635  
 361/679.09  
 2016/0202778 A1 \* 7/2016 Su ..... G06F 3/03547  
 345/168  
 2018/0120985 A1 \* 5/2018 Wallace ..... G06F 1/169  
 2018/0217668 A1 \* 8/2018 Ligtenberg ..... G06F 3/0414  
 2019/0129480 A1 \* 5/2019 Ku ..... H05K 7/20145

2019/0258290 A1 \* 8/2019 Song ..... G06F 1/1616  
 2019/0361543 A1 \* 11/2019 Zhang ..... G06F 1/1684  
 2020/0249730 A1 \* 8/2020 Lin ..... G06F 1/1686  
 2021/0064085 A1 \* 3/2021 Haworth ..... G06F 1/1656

OTHER PUBLICATIONS

Asus launches ZenBook Pro Duo dual-screen laptop to SL, posted at Daily News, posting date Jul. 9, 2020. Site visited Nov. 5, 2021. URL: <<https://www.dailynews.lk/2020/07/09/finance/222725/asus-launches-zenbook-pro-duo-dual-screen-laptop-sl>> (Year: 2020).\*

Fang, Paul, Asus, Bang & Olufsen collaborate on Asus NX90 hi-fi, dual-touchpad laptop, posted at SlashGear, posting date Jan. 5, 2010. Site visited Nov. 5, 2021. URL: <<https://www.slashgear.com/asus-bang-olufsen-team-for-asus-nx90-dual-touchpad-laptop-0567895/>> (Year: 2010).\*

HT Tech, Lenovo laptop dual screen with stylus support coming, reveals leak, posted at HindustanTimes, posting date Nov. 3, 2021. Site visited Nov. 5, 2021. URL: <<https://tech.hindustantimes.com/laptops-pc/news/lenovo-laptop-dual-screen-with-stylus-support-coming-reveals-leak-71635919436833.html>> (Year: 2021).\*

Reviews: ASUS ZenBook Flip S UX371E, posted at TekDeeps, posting date Dec. 16, 2020. Site visited Nov. 5, 2021. URL: <<https://tekdeeps.com/reviews-asus-zenbook-flip-s-ux371e-intel-tiger-lake-and-lpddr4x-4266-attack-introducing-the-asus-zenbook-flip-s-ux371e/>> (Year: 2020).\*

\* cited by examiner

FIG. 1

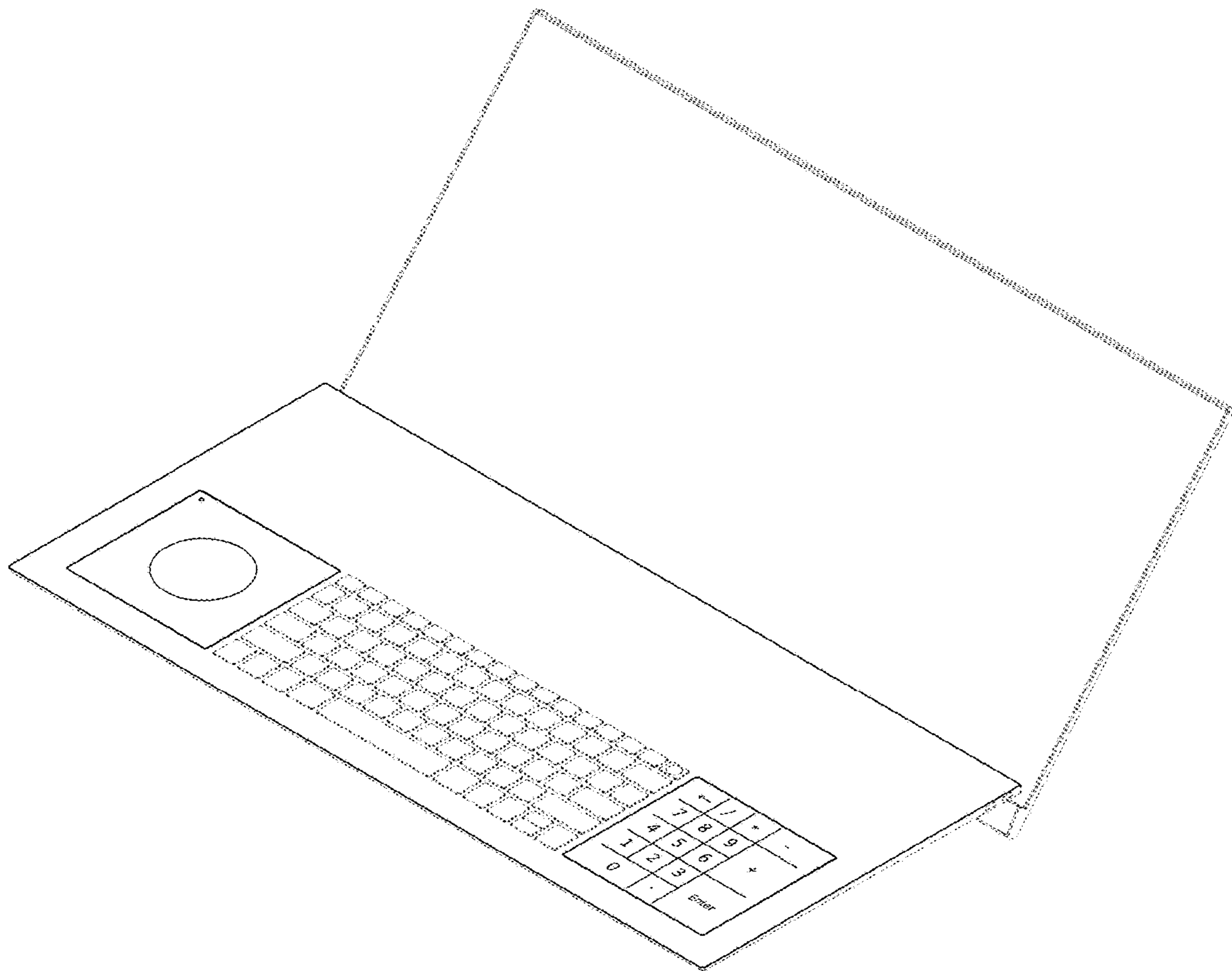


FIG. 2



FIG. 3



FIG. 4

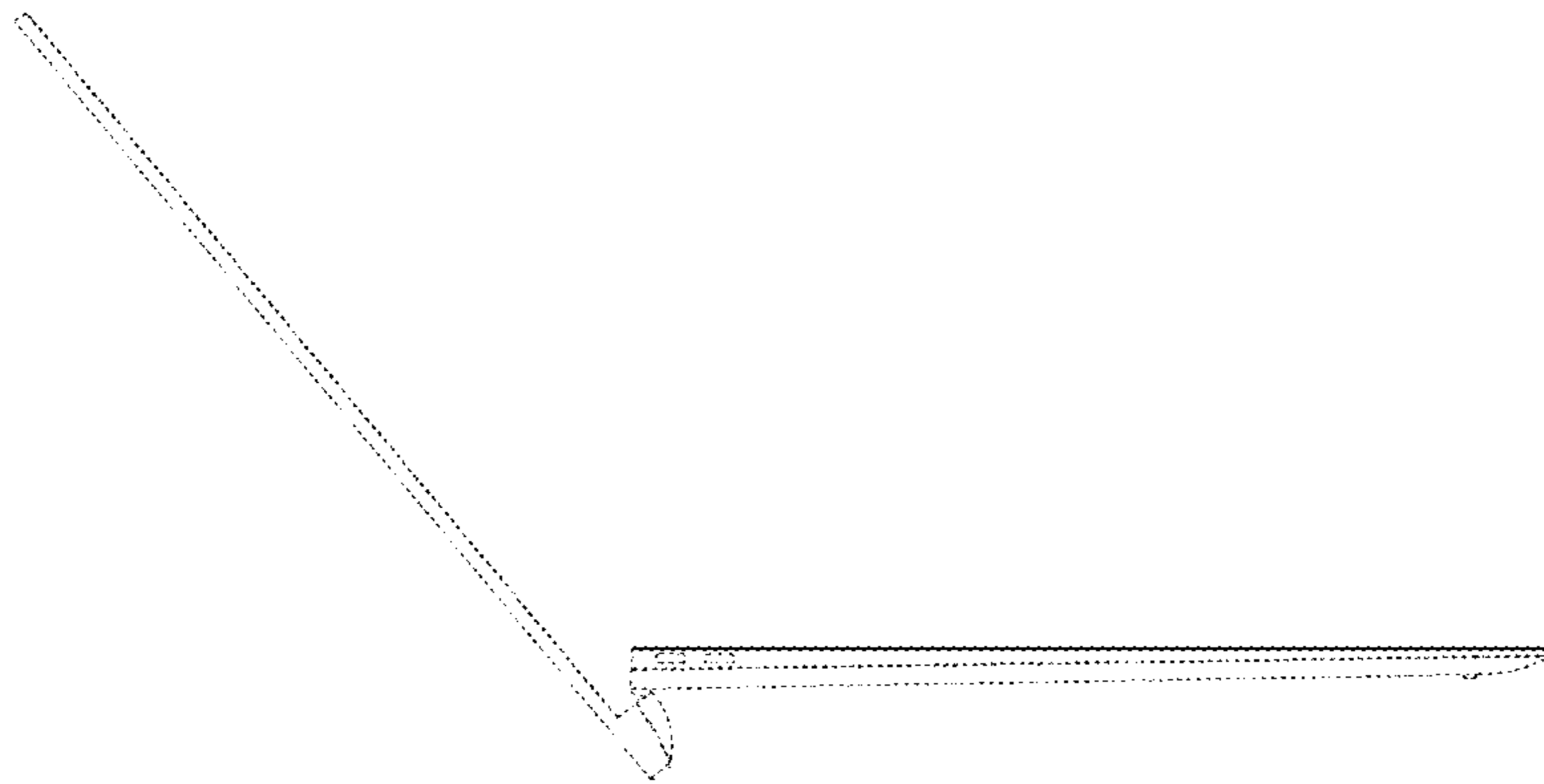


FIG. 5

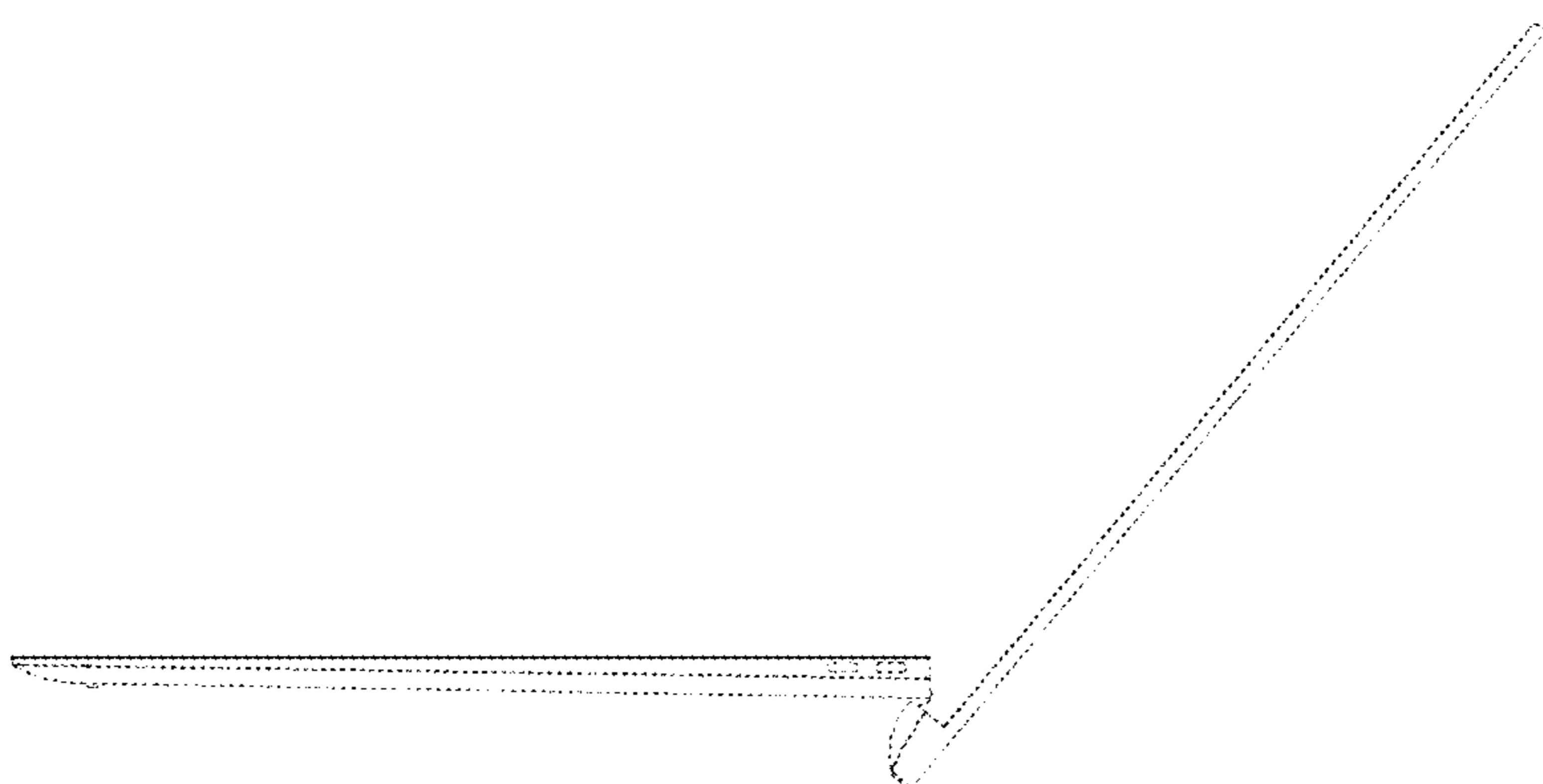


FIG. 6

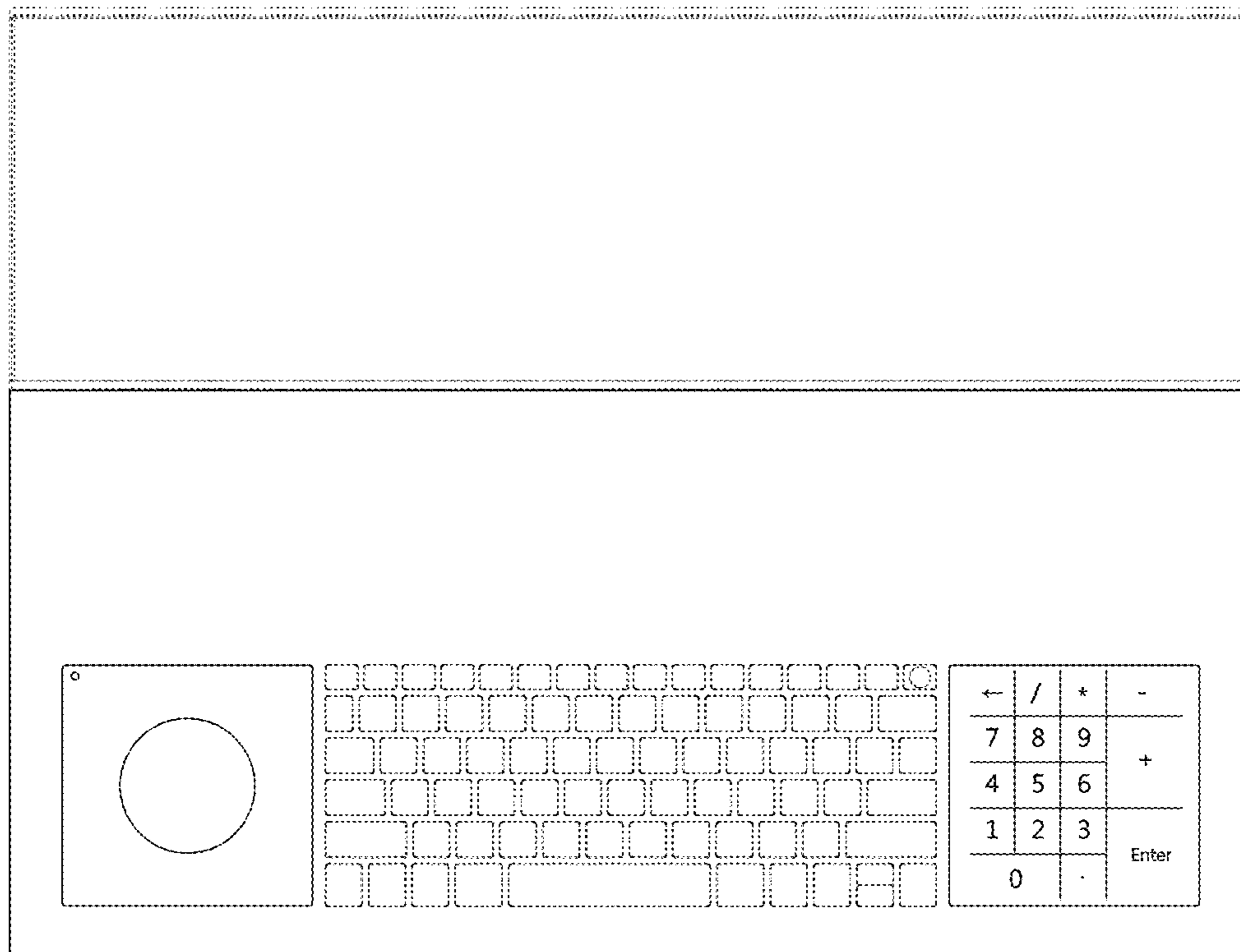


FIG. 7

