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(12) **United States Design Patent** (10) **Patent No.:** **US D916,860 S**
Tedesco et al. (45) **Date of Patent:** **** Apr. 20, 2021**

(54) **DISPLAY SYSTEM WITH A VIRTUAL REALITY GRAPHICAL USER INTERFACE**

D549,713 S 8/2007 Lewin et al.
D562,838 S 2/2008 Salunkhe
D563,968 S * 3/2008 Lewin D14/485

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(Continued)

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OTHER PUBLICATIONS

“3d technology, virtual reality, entertainment, cyberspace and people concept” May 19, 2017, posted at shutterstock.com, [site visited Mar. 5, 2020]. <https://www.shutterstock.com/image-photo/3d-technology-virtual-reality-entertainment-cyberspace-437648755>(Year: 2017).*

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(Continued)

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

Primary Examiner — John M Otte

(21) Appl. No.: **29/619,026**

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(51) **LOC (13) Cl.** **14-04**

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

USPC **D14/488**

(58) **Field of Classification Search**

USPC D14/485–495

CPC G06F 3/0482; G06F 3/0481; G06F 3/048; G06F 3/04817; G06F 3/04842; G06F 3/04815; G06F 3/0483; G06F 3/0485; G06F 3/04855; G06F 3/0486; G06F 3/0488; G06F 3/04886; G06F 9/4443; G06F 16/44; G06F 16/64; G06F 17/212; H04N 7/147

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a display system with a virtual reality graphical user interface, as shown and described.

DESCRIPTION

This application is a continuation of and claims priority to U.S. application Ser. No. 29/619,026, filed Sep. 26, 2017, the contents of which are herein incorporated by reference in their entirety.

FIG. 1 shows a display system with a first embodiment of a virtual reality graphical user interface.

FIG. 2 shows a display system with a second embodiment of a virtual reality graphical user interface.

FIG. 3 shows a display system with a third embodiment of a virtual reality graphical user interface.

FIG. 4 shows a display system with a fourth embodiment of a virtual reality graphical user interface; and,

FIG. 5 shows a display system with a fifth embodiment of a virtual reality graphical user interface.

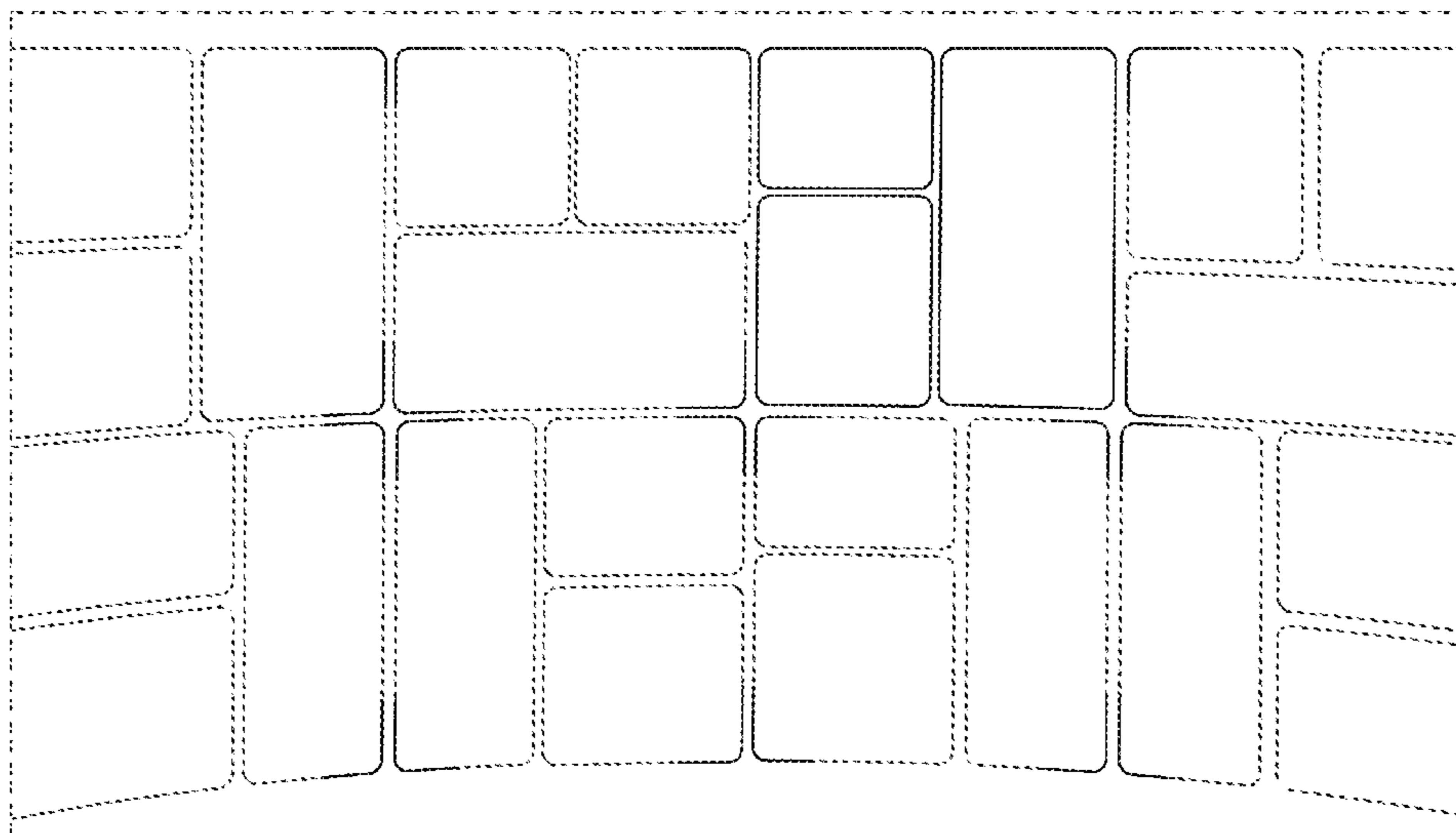
The outermost broken lines show the field of view for the display system and form no part of the claimed design. The broken lines showing portions of the graphical user interface form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D2,911 S 2/1868 Gautier
D391,298 S * 2/1998 Johnson D20/10
5,880,733 A 3/1999 Horvitz et al.
D458,611 S * 6/2002 Gallo D14/485
6,577,330 B1 6/2003 Tsuda et al.
7,106,328 B2 9/2006 Royan
7,107,549 B2 9/2006 Deaton et al.

1 Claim, 5 Drawing Sheets



(56)

References Cited

- U.S. PATENT DOCUMENTS
- D600,249 S * 9/2009 Nagata D14/486
D604,742 S 11/2009 Nagata et al.
D605,199 S * 12/2009 Nagata D14/486
7,840,907 B2 11/2010 Kikuchi et al.
7,865,834 B1 1/2011 Os et al.
D633,921 S * 3/2011 Brinda D14/486
D640,272 S 6/2011 Arnold et al.
D665,414 S * 8/2012 Lee D14/488
D666,625 S 9/2012 Gilmore et al.
D668,671 S * 10/2012 Zaman D14/488
8,286,100 B2 * 10/2012 Helfman G06F 3/0481
715/855
- D676,864 S 2/2013 Velasco et al.
D681,044 S 4/2013 Sakata
D684,991 S 6/2013 Wenz et al.
8,494,902 B2 7/2013 Krantz et al.
D689,873 S 9/2013 Brinda et al.
D692,456 S 10/2013 Brinda et al.
D697,079 S 1/2014 Yuk et al.
D697,936 S * 1/2014 Lee D14/486
D701,239 S * 3/2014 Wenz D14/488
D705,250 S 5/2014 Khanna
D705,800 S 5/2014 Khanna
D710,873 S 8/2014 Nakada
D714,331 S 9/2014 Lawson et al.
D717,826 S 11/2014 Lacour et al.
D718,776 S * 12/2014 Hobbs D14/486
D722,321 S * 2/2015 Lee D14/486
D728,585 S 5/2015 Lee et al.
D731,505 S 6/2015 Kyakuno et al.
D733,723 S 7/2015 Brinda et al.
D734,766 S 7/2015 Hyo-Sang et al.
D737,292 S * 8/2015 Donahue D14/486
D737,850 S * 9/2015 Seo D14/488
D739,870 S * 9/2015 Roberts D14/487
D742,901 S 11/2015 Choi et al.
D744,509 S * 12/2015 Moriya D14/486
D750,119 S 2/2016 Agarwal
D752,634 S * 3/2016 Yoon D14/488
D754,148 S 4/2016 Yoon et al.
D754,154 S * 4/2016 Moon D14/485
D754,157 S * 4/2016 Moon D14/485
D756,385 S 5/2016 Kim et al.
D757,064 S * 5/2016 Seo D14/486
D757,066 S * 5/2016 Seo D14/486
D757,759 S * 5/2016 Ku D14/485
D757,760 S * 5/2016 Ku D14/485
D758,396 S 6/2016 Kim et al.
D759,071 S * 6/2016 Yu D14/486
D760,275 S * 6/2016 Zhang D14/488
D761,285 S * 7/2016 Kim D14/486
D761,286 S 7/2016 Kim et al.
D763,867 S 8/2016 Moon et al.
D763,899 S 8/2016 Lee
D763,900 S * 8/2016 Jeon D14/488
D764,534 S 8/2016 Seo et al.
D765,708 S * 9/2016 Gagnier D14/486
D766,943 S 9/2016 Moriya
D766,970 S * 9/2016 Gagnier D14/488
D768,163 S 10/2016 Holl
D768,187 S 10/2016 Wenz et al.
D768,705 S * 10/2016 Gagnier D14/488
D768,706 S * 10/2016 Gagnier D14/488
D770,495 S * 11/2016 Knapp D14/486
D770,499 S * 11/2016 Rodriguez D14/486
D770,500 S * 11/2016 Rodriguez D14/486
D771,075 S 11/2016 Moriya
D771,111 S * 11/2016 Roberts D14/486
D772,262 S * 11/2016 Moon D14/486
D775,169 S * 12/2016 Gottlieb D14/486
D778,293 S * 2/2017 Paek D14/486
D781,873 S * 3/2017 Wu D14/485
D786,289 S 5/2017 Kim et al.
D787,541 S * 5/2017 Kang D14/486
D789,378 S * 6/2017 Gottlieb D14/485
- D794,664 S * 8/2017 Okabe D14/486
D797,767 S 9/2017 Esselstrom et al.
D800,738 S 10/2017 Xu et al.
D809,003 S * 1/2018 Sowden D14/488
D821,439 S 6/2018 Sowden et al.
D823,337 S * 7/2018 Shelksohn D14/488
D825,597 S * 8/2018 Jann D14/486
D826,965 S 8/2018 Smith et al.
D828,383 S * 9/2018 Liao D14/488
D828,384 S * 9/2018 Nilsson D14/488
D828,385 S * 9/2018 Nilsson D14/488
D828,386 S * 9/2018 Nilsson D14/488
D830,378 S 10/2018 Li et al.
D830,379 S * 10/2018 Li D14/485
D834,598 S * 11/2018 Bae D14/485
D836,121 S * 12/2018 Leong D14/486
D838,739 S * 1/2019 Coffman D14/486
D841,686 S * 2/2019 Kim D14/488
D843,411 S * 3/2019 Montgomery D14/488
D845,331 S * 4/2019 Malahy D14/486
D845,338 S * 4/2019 Wu D14/488
D849,763 S 5/2019 Jones
D850,474 S * 6/2019 Karunamuni D14/485
D868,832 S * 12/2019 Brown D14/492
D879,135 S 3/2020 Wang
10,614,616 B1 4/2020 Tedesco et al.
2001/0028369 A1 10/2001 Gallo et al.
2002/0163546 A1 11/2002 Gallo
2003/0164827 A1 9/2003 Gottesman et al.
2004/0066411 A1 4/2004 Fung et al.
2005/0278656 A1 * 12/2005 Goldthwaite G06F 16/64
715/810
2006/0100784 A1 5/2006 Wang
2006/0156228 A1 * 7/2006 Gallo G06F 3/0481
715/202
2008/0021684 A1 1/2008 Dulac et al.
2008/0059893 A1 3/2008 Byrne et al.
2010/0030578 A1 2/2010 Siddique et al.
2010/0073454 A1 * 3/2010 Lovhaugen H04N 7/147
348/14.03
2010/0098342 A1 4/2010 Davis et al.
2010/0131294 A1 5/2010 Venon et al.
2011/0138313 A1 6/2011 Decker et al.
2011/0138330 A1 * 6/2011 Sanders G06F 16/44
715/835
2011/0169927 A1 * 7/2011 Mages G06F 3/04815
348/51
2011/0320044 A1 * 12/2011 Smith G06F 3/04847
700/276
2012/0081356 A1 4/2012 Filippov et al.
2012/0254791 A1 10/2012 Jackson et al.
2013/0117260 A1 5/2013 Barrett et al.
2013/0311153 A1 11/2013 Moughler et al.
2014/0092136 A1 4/2014 Aoshima et al.
2014/0176479 A1 6/2014 Wardenaar
2014/0194183 A1 7/2014 Pierer et al.
2014/0337749 A1 * 11/2014 Phang H04N 21/4886
715/740
2015/0074504 A1 * 3/2015 Steinfl G06F 3/04886
715/202
2015/0085058 A1 3/2015 Zhang
2015/0178321 A1 6/2015 Rivlin et al.
2016/0132806 A1 5/2016 To et al.
2016/0139761 A1 5/2016 Grosz et al.
2018/0150433 A1 5/2018 Sowden et al.
2018/0232340 A1 8/2018 Lee
2018/0247024 A1 8/2018 Divine et al.
- OTHER PUBLICATIONS
- Riley, J.B.S., "Ex-tee, Ex-tree!" Feb. 27, 2009, posted at doghouseriley.com, [site visited Mar. 5, 2020]. http://doghouseriley.blogspot.com/2009_02_01_archive.html (Year: 2009).*
- Sproll, Daniel, "Virtual Reality Menu Design—Part 2" Dec. 9, 2015, posted at re-flekt.com, [site visited Oct. 6, 2020]. <https://www.re-flekt.com/blog/virtual-reality-menu-design-part-2> (Year: 2015).*

(56)

References Cited

OTHER PUBLICATIONS

Brant, Tom, "Google: 180-Degree Video Is the Future of VR" Jun. 23, 2017, posted at sea.pcmag.com, [site visited Oct. 6, 2020]. <https://sea.pcmag.com/news/16249/google-180-degree-video-is-the-future-of-vr> (Year: 2017).*

"Cinemur" Feb. 24, 2016, posted at twitter.com, [site visited May 13, 2020] <https://twitter.com/cinemur/status/702455483286867969> (Year: 2016).

Berls, Bruce, "The Windows 10 Start Menu Is a Cluttered Mess" May 26, 2015, posted at brucebnews.com, [site visited Mar. 9, 2020]. <https://www.brucebnews.com/2015/05/the-windows-10-start-menu-is-a-cluttered-mess/> (Year: 2015), 1 page.

Kovach, Steve, "Google's virtual reality ambitions appear to be off to a slow start" Jan. 20, 2017, posted at businessinsider.com, [site visited May 13, 2020], <https://www.businessinsider.com.au/google-slashes-price-daydream-virtual-reality-headset-2017-1> (Year: 2017).
 Ocić, Boris, "SAP is Making the Move From GUI to VR", Apr. 4, 2017, posted at ictbusiness.biz, [site visited Mar. 6, 2020]. <https://www.ictbusiness.biz/ict-solutions/sap-is-making-the-move-from-gui-to-vr> (Year: 2017) 1 page.

Ramotion, "VR Menu" Oct. 28, 2016, posted at dribbble.com, [site visited 6 Mar. 2020]. <https://dribbble.com/shots/3055151-VR-Menu-GitHub> (Year: 2016), 1 page.

ThinkMobiles, "How Much Does it Cost to Make Virtual Reality Tour for Real Estate?", Jul. 2, 2017, posted at thinkmobiles.com, [site visited Mar. 6, 2020] <https://web.archive.org/web/20170702054849/https://thinkmobiles.com/blog/cost-to-make-vr-tour-for-real-estate/> (Year: 2017), 2 pages.

VRLife, "Screen_Shot_Feb. 26, 2015 _at_ 2. 04.00 _PM", Feb. 26, 2015, posted at vrlife .news, [site visited Mar. 9, 2020]. https://www.vrlife.news/communicating-vr-altspace-vr_trashed/screen_shot_2015-02-26_at_2-04-00_pm (Year: 2015), 2 pages.

Vu, Cuong, "IOS in Virtual Reality" Jun. 11, 2016, posted at dribbble.com, [site visited Mar. 9, 2020]. <https://dribbble.com/cuongvq> (Year: 2016), 2 pages.

Wales, James, "How to design for Virtual Reality" Apr. 21, 2017, posted at bunnyfoot.com, [site visited May 13, 2020] <https://www.bunnyfoot.com/2017/04/ux-principles-virtual-reality> (Year: 2017).

* cited by examiner

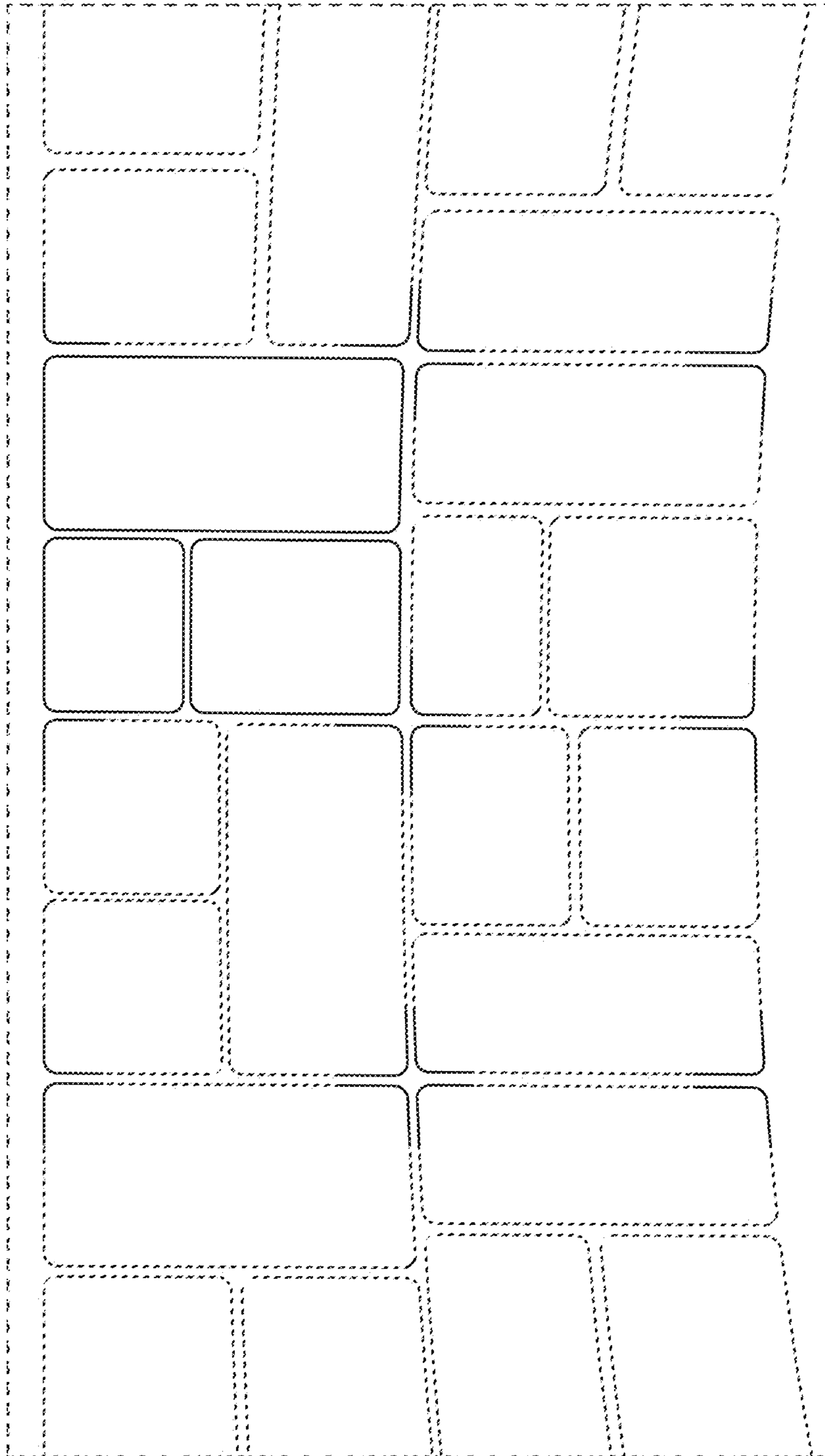


FIG. 1

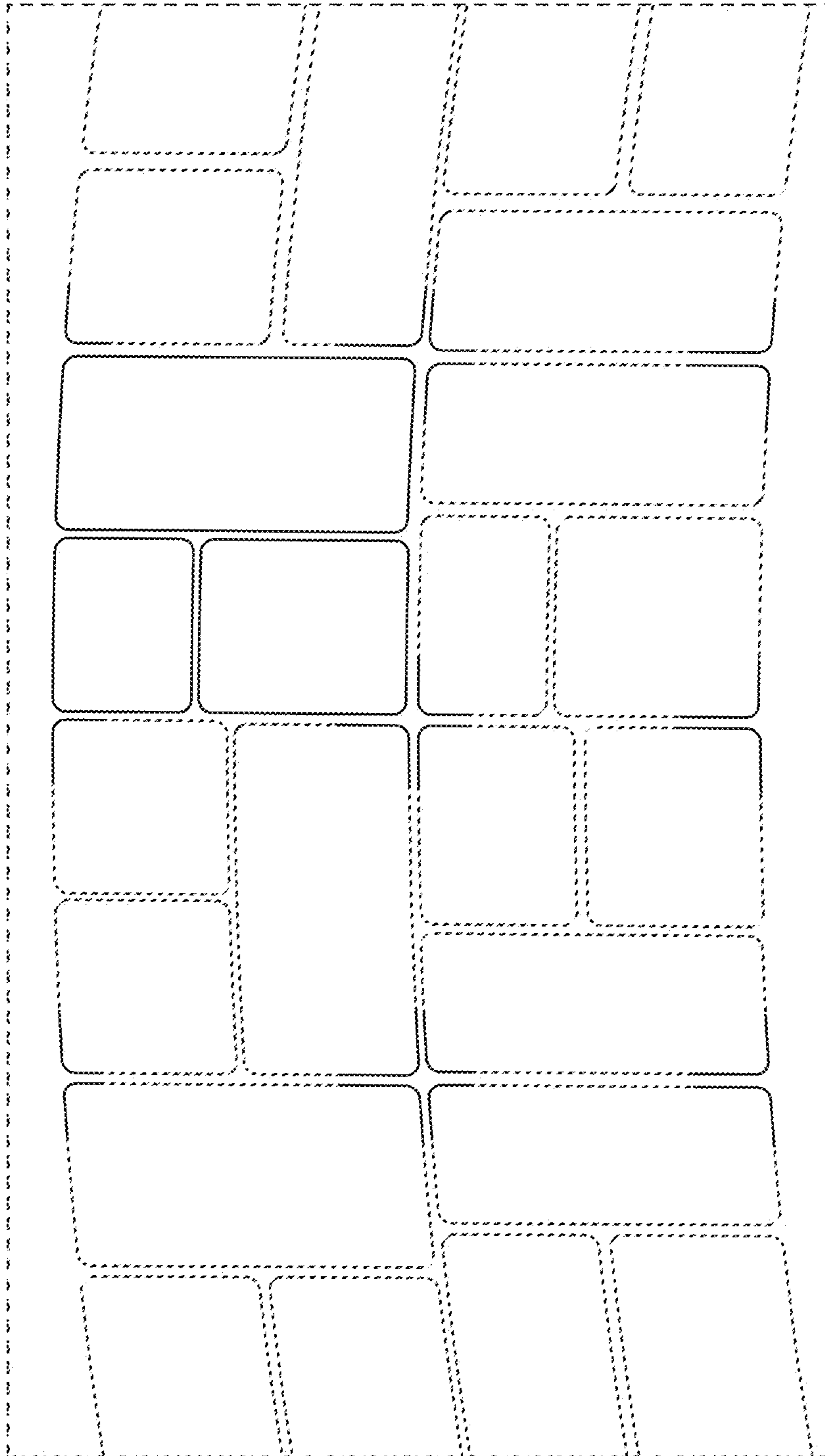


FIG. 2

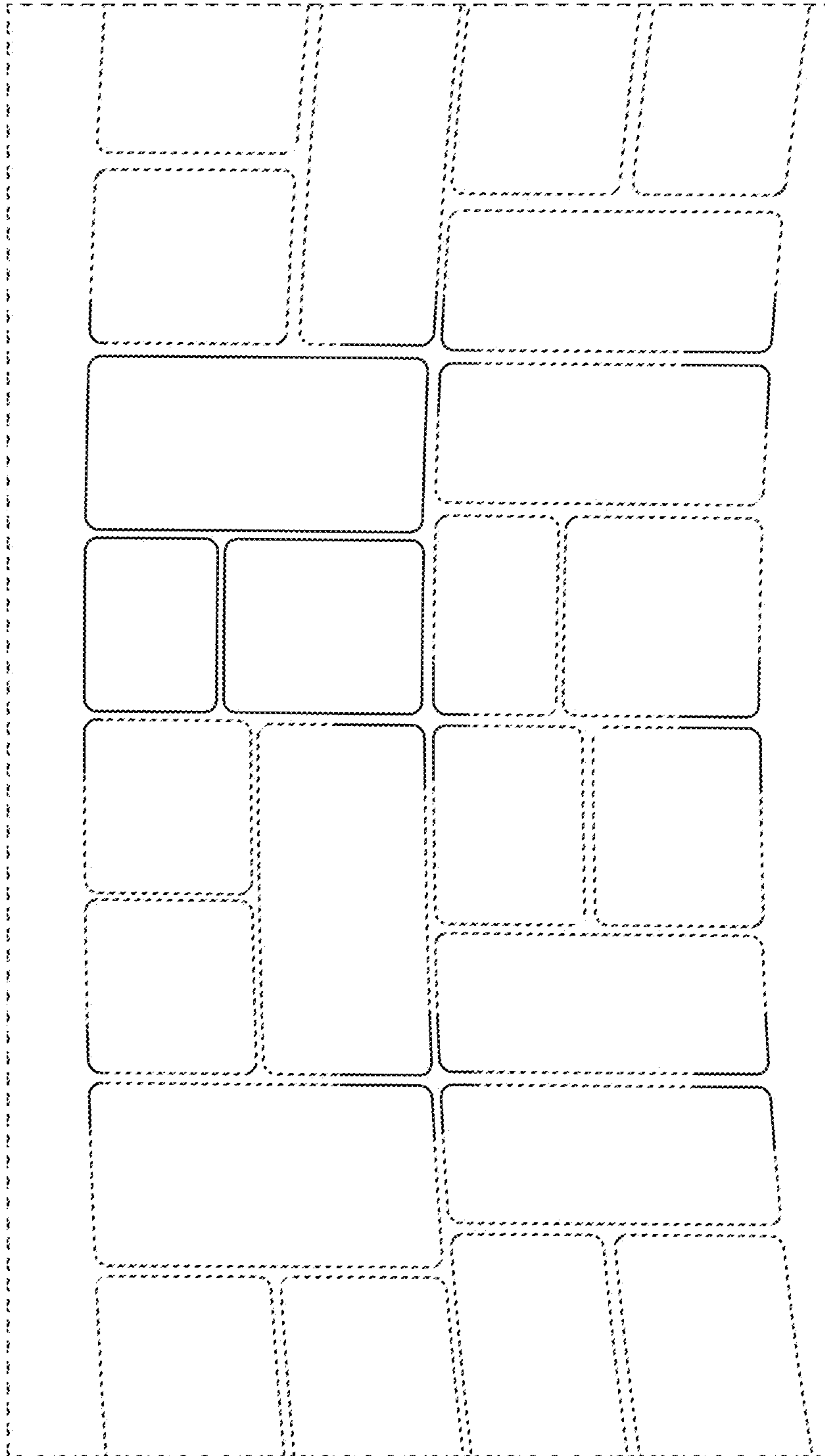


FIG. 3

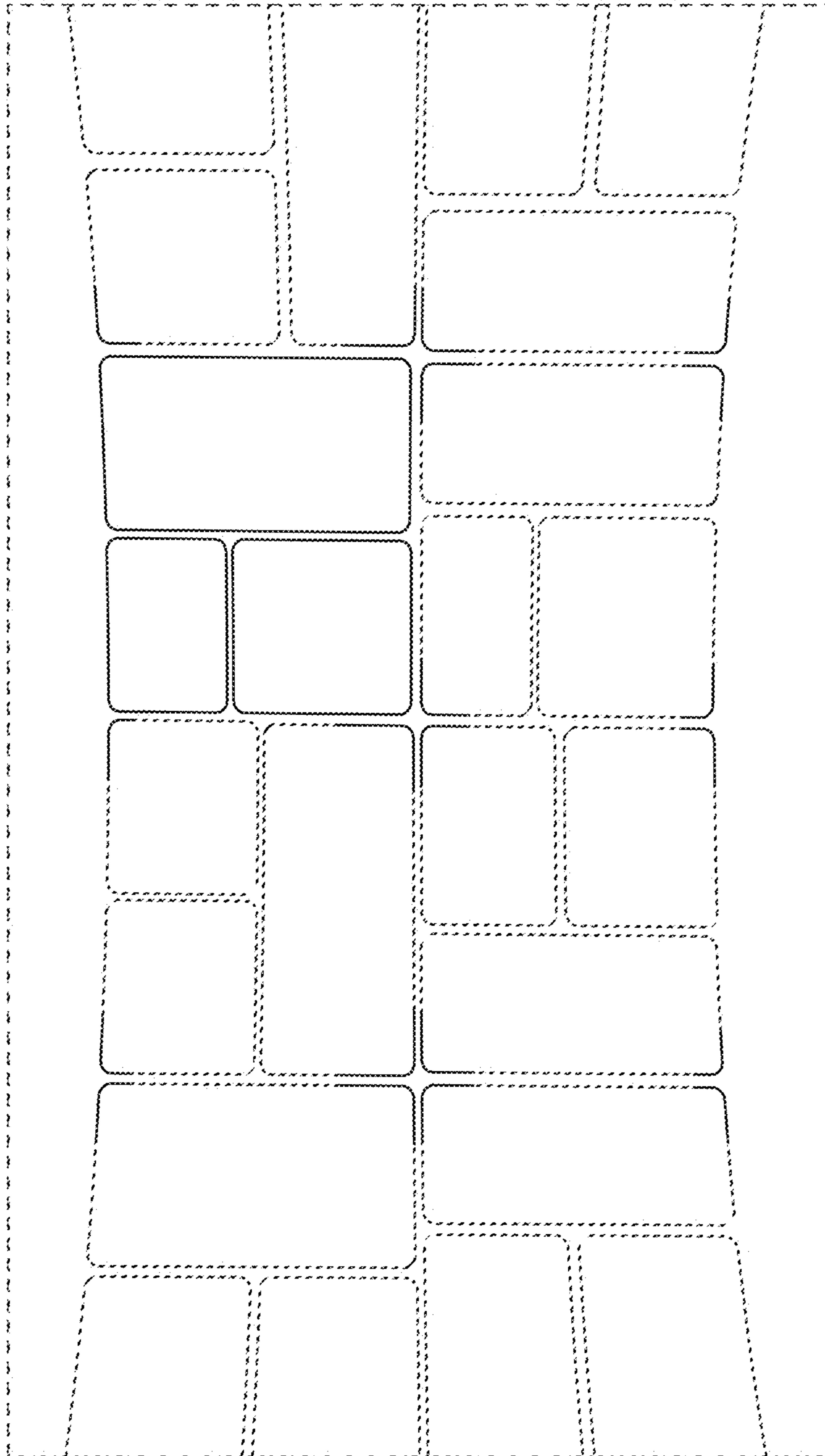


FIG. 4

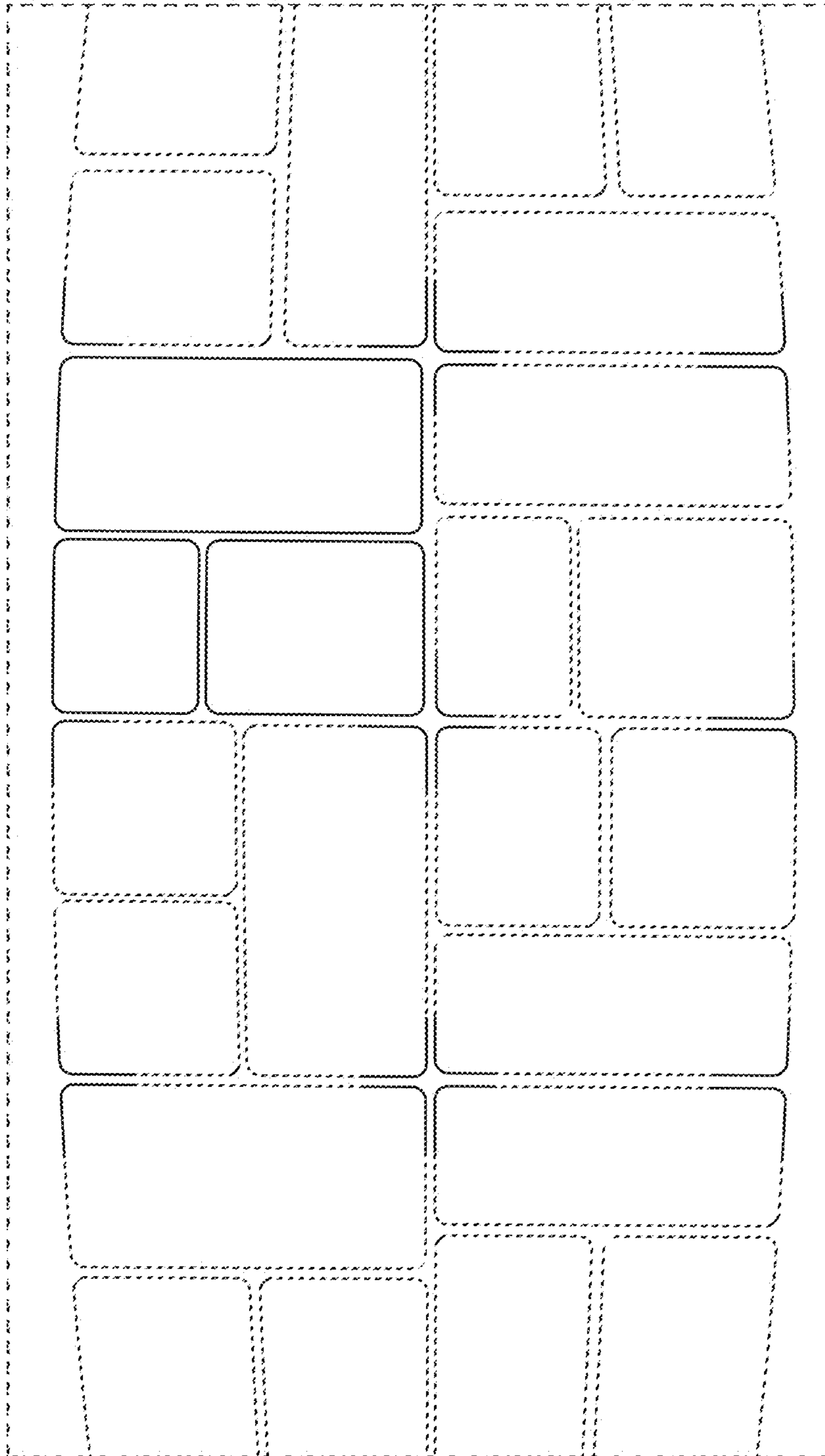


FIG. 5