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

(71) Applicant: **Amazon Technologies, Inc.**, Seattle, WA (US)

(72) Inventors: **Michael Tedesco**, Sammamish, WA (US); **David Robert Cole**, Brier, WA (US); **Lane Daughtry**, Seattle, WA (US)

(73) Assignee: **Amazon Technologies, Inc.**, Seattle, WA (US)

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

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(52) **U.S. Cl.**
USPC **D14/485**

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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 16/954; G06F 17/212; G06F 40/106; G06T 15/20

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D2,911 S 2/1868 Gautier
D391,298 S 2/1998 Johnson et al.
7,107,549 B2 9/2006 Deaton et al.
D549,713 S 8/2007 Lewin et al.
D600,249 S 9/2009 Nagata et al.
D604,742 S * 11/2009 Nagata D14/486

D605,199 S 12/2009 Nagata et al.
D633,921 S 3/2011 Brinda
D640,272 S 6/2011 Arnold 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.

(Continued)

OTHER PUBLICATIONS

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).*

(Continued)

Primary Examiner — Jack Reickel

Assistant Examiner — John M Otte

(74) *Attorney, Agent, or Firm* — Athorus, PLLC

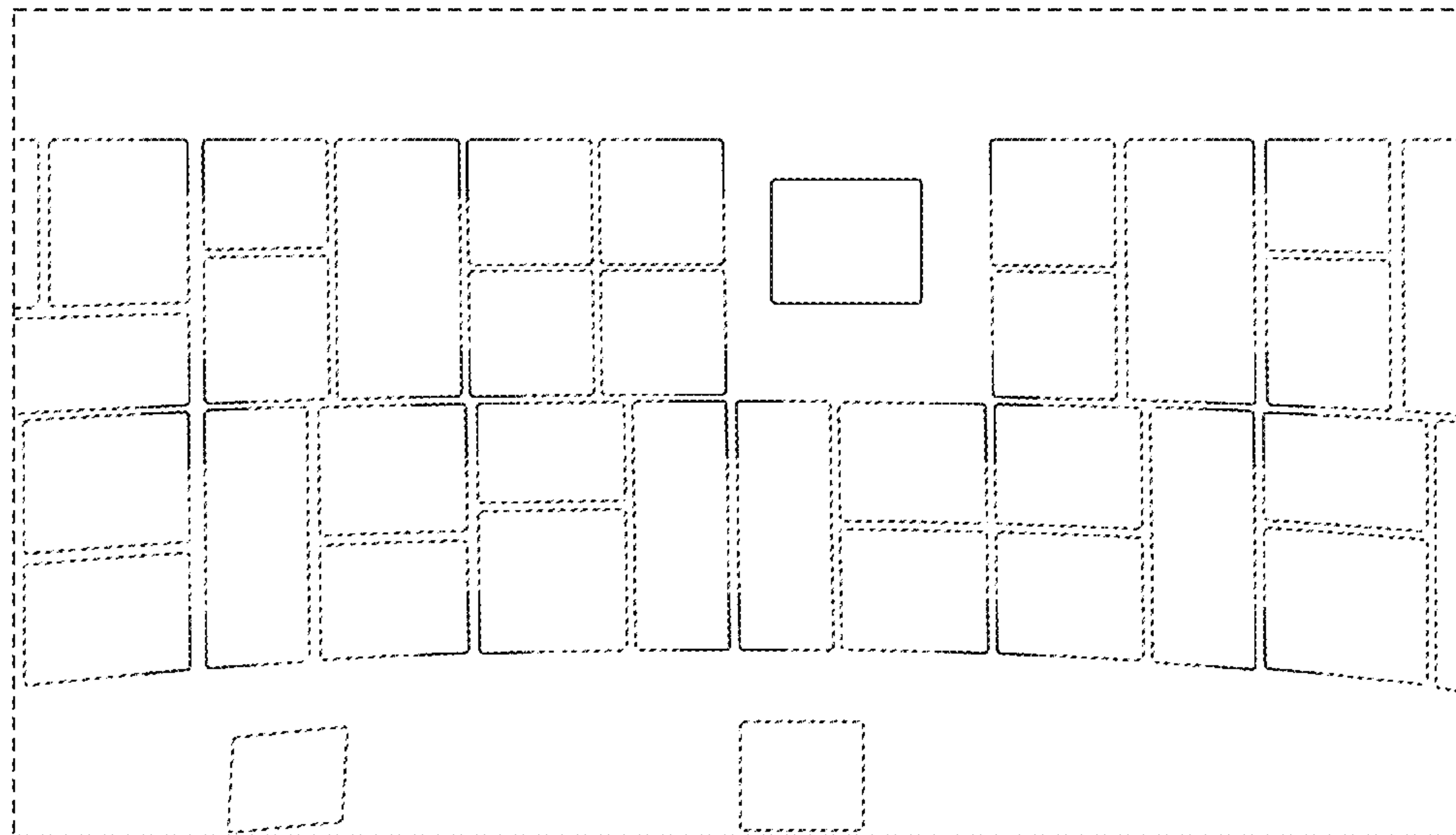
(57) **CLAIM**

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

DESCRIPTION

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.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D705,250 S 5/2014 Khanna
D705,800 S * 5/2014 Khanna D14/488
D717,826 S * 11/2014 Lacour D14/487
D722,321 S 2/2015 Lee et al.
D742,901 S 11/2015 Choi et al.
D744,509 S 12/2015 Moriya
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 D14/485
D763,899 S 8/2016 Lee
D763,900 S * 8/2016 Jeon D14/488
D764,534 S * 8/2016 Seo D14/488
D765,708 S * 9/2016 Gagnier D14/486
D766,943 S * 9/2016 Moriya D14/485
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.
D821,439 S * 6/2018 Sowden D14/488
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
D838,739 S * 1/2019 Coffman D14/486
D843,411 S * 3/2019 Montgomery D14/488
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
D879,135 S * 3/2020 Wang D14/488
10,614,616 B1 * 4/2020 Tedesco G06T 15/20
2001/0028369 A1 * 10/2001 Gallo G06F 16/954
715/848

2004/0066411 A1* 4/2004 Fung G06F 3/0481
715/781
2005/0278656 A1 12/2005 Goldthwaite et al.
2006/0100784 A1 5/2006 Wang
2006/0156228 A1 7/2006 Gallo et al.
2008/0021684 A1 1/2008 Dulac et al.
2010/0098342 A1 4/2010 Davis et al.
2011/0138313 A1 6/2011 Decker et al.
2011/0138330 A1 6/2011 Sanders et al.
2011/0169927 A1 7/2011 Mages et al.
2012/0081356 A1 4/2012 Filippov et al.
2013/0117260 A1 5/2013 Barrett 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 et al.
2015/0178321 A1 6/2015 Rivlin et al.
2016/0132806 A1 5/2016 To et al.
2016/0139761 A1* 5/2016 Grosz G06F 40/106
715/769
2018/0150433 A1 5/2018 Sowden et al.
2018/0232340 A1 8/2018 Lee
2018/0247024 A1 8/2018 Divine et al.

OTHER PUBLICATIONS

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]. [http](http://www.businessinsider.com/google-vr-ambitions-2017) (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.

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 Mar. 6, 2020]. <https://dribbble.com/shots/3055151-VR-Menu-GitHub> (Year: 2016), 1 page.

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), 2 pages.

Shutterstock, "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), 2 pages.

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 2015-02-26 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.

* cited by examiner

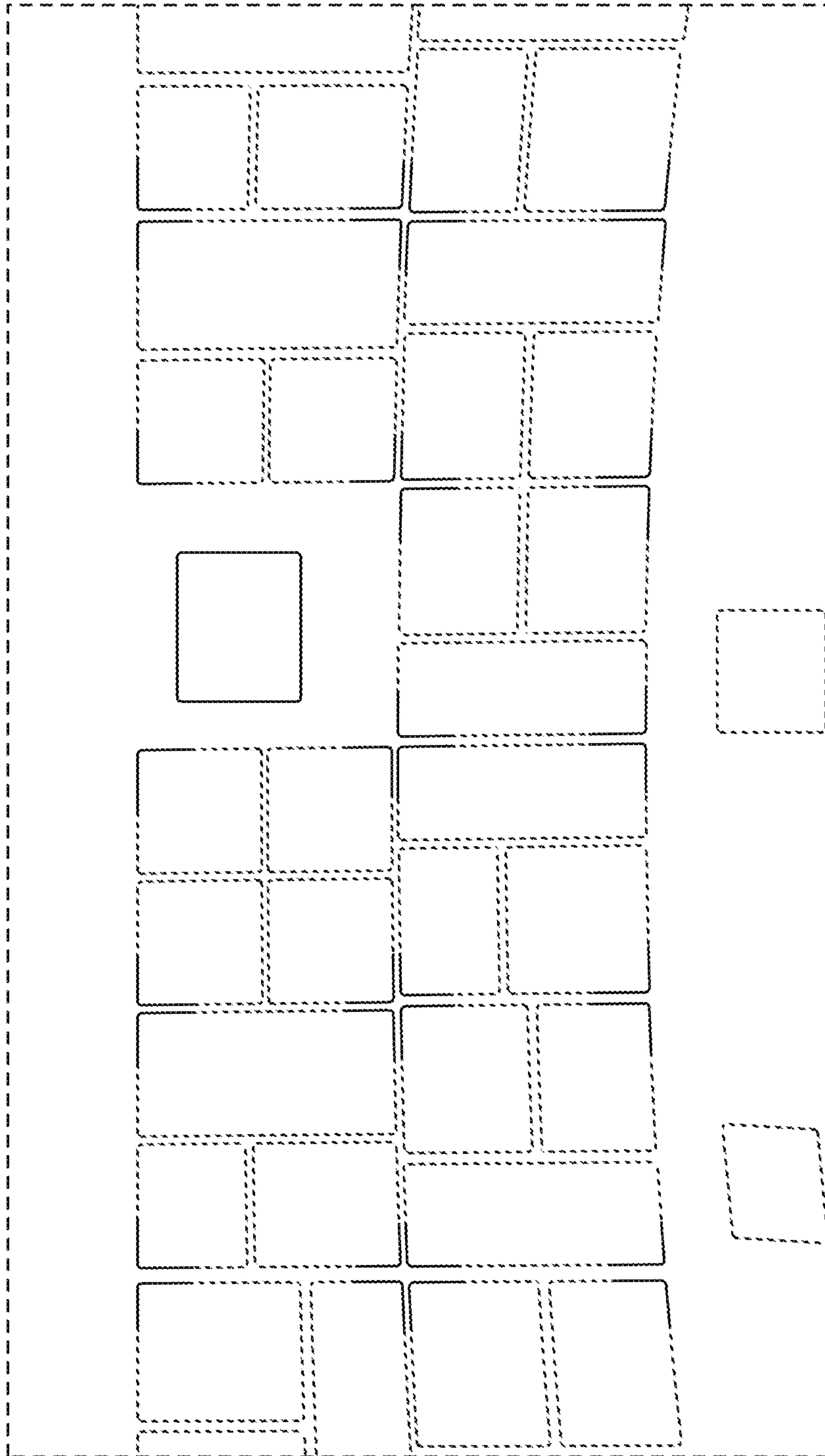


FIG. 1

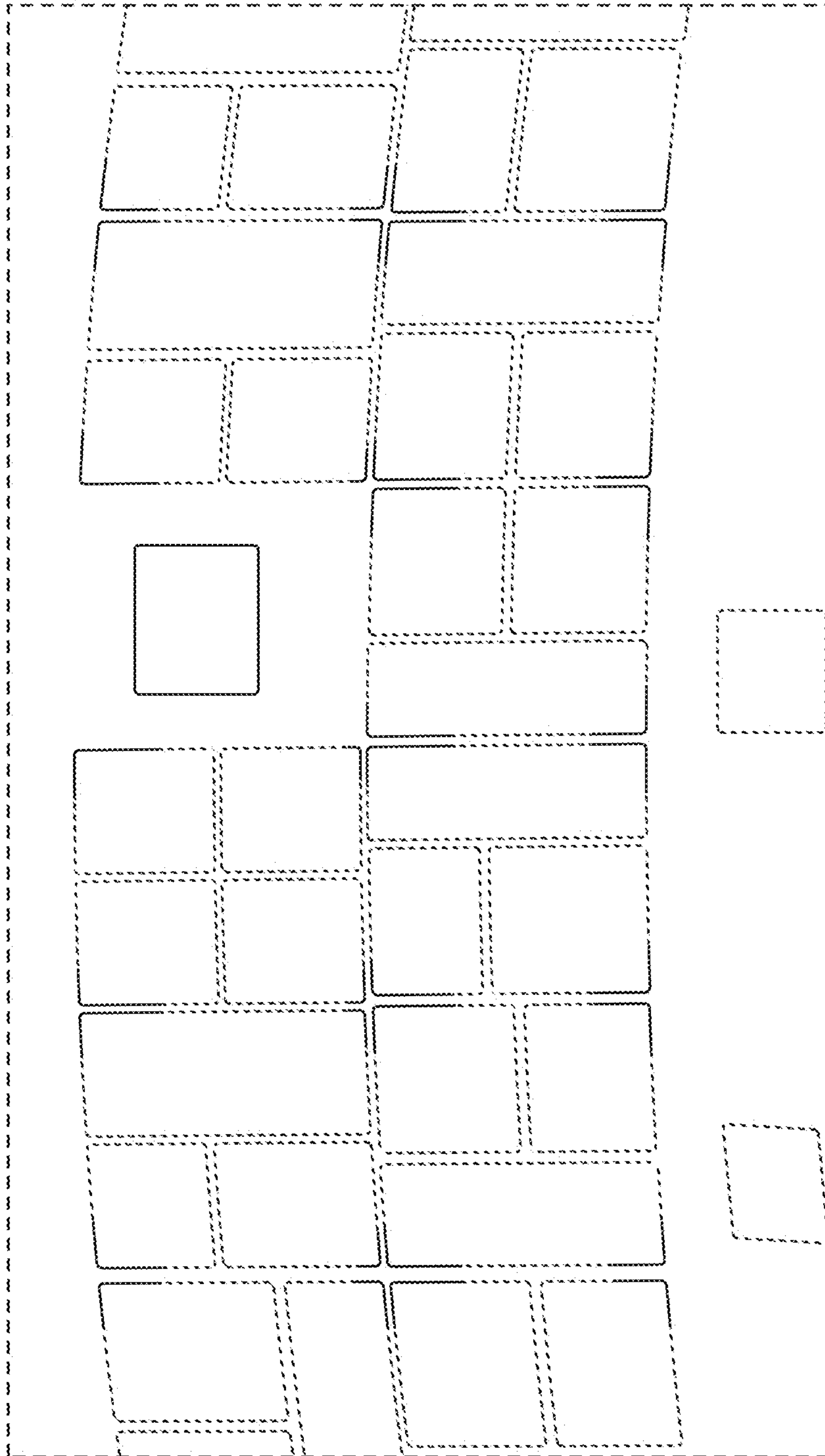


FIG. 2

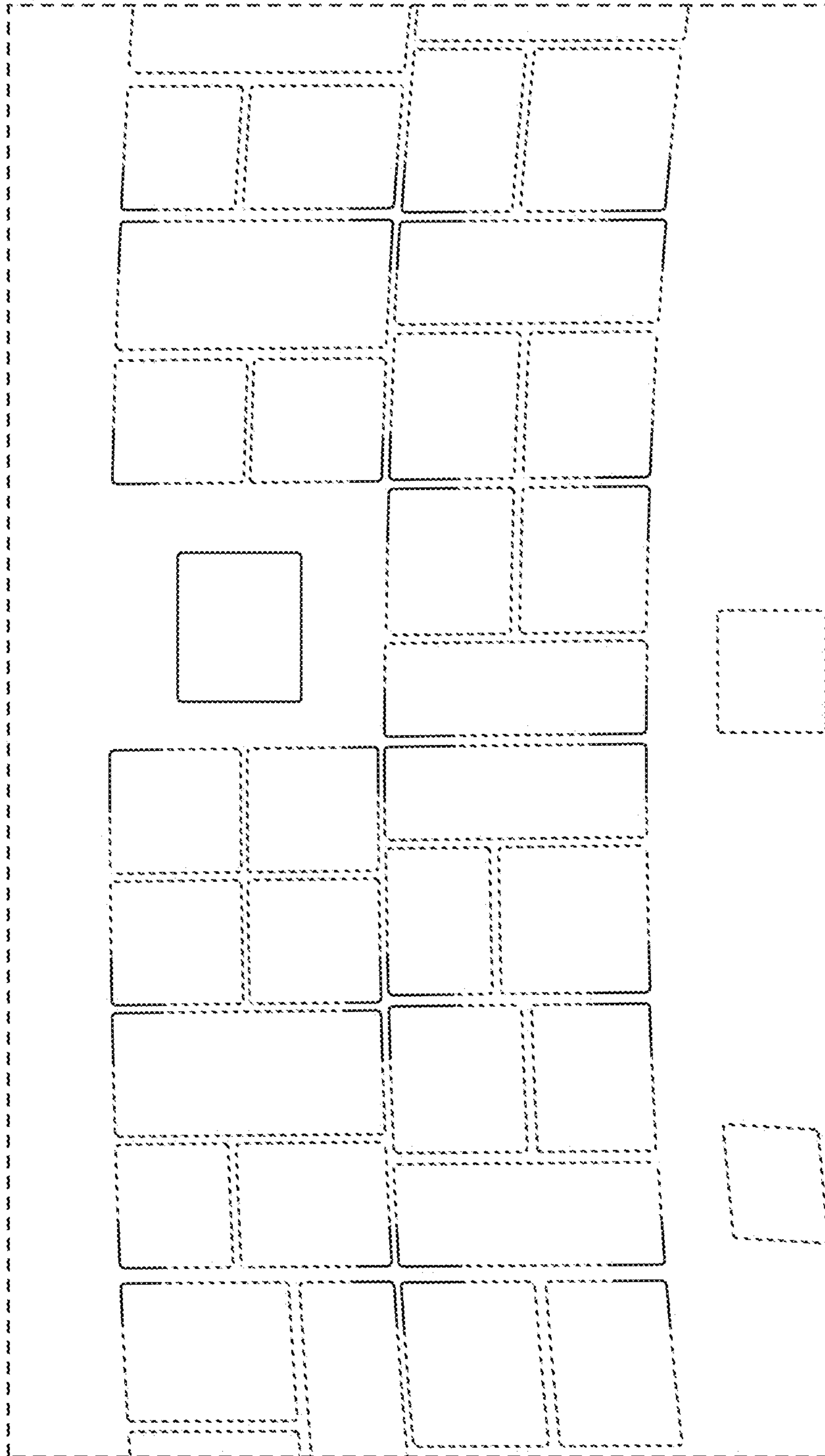


FIG. 3

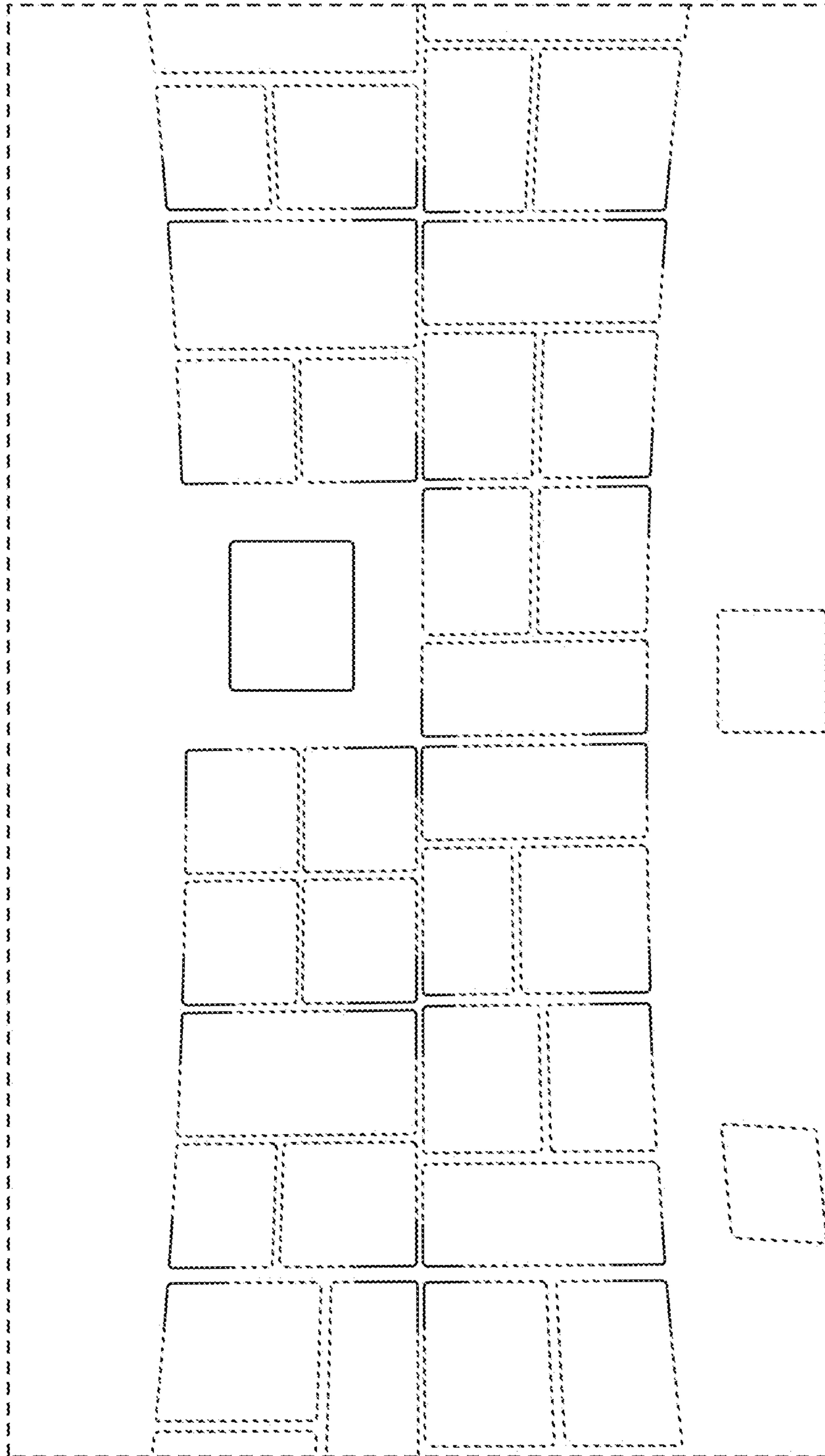


FIG. 4

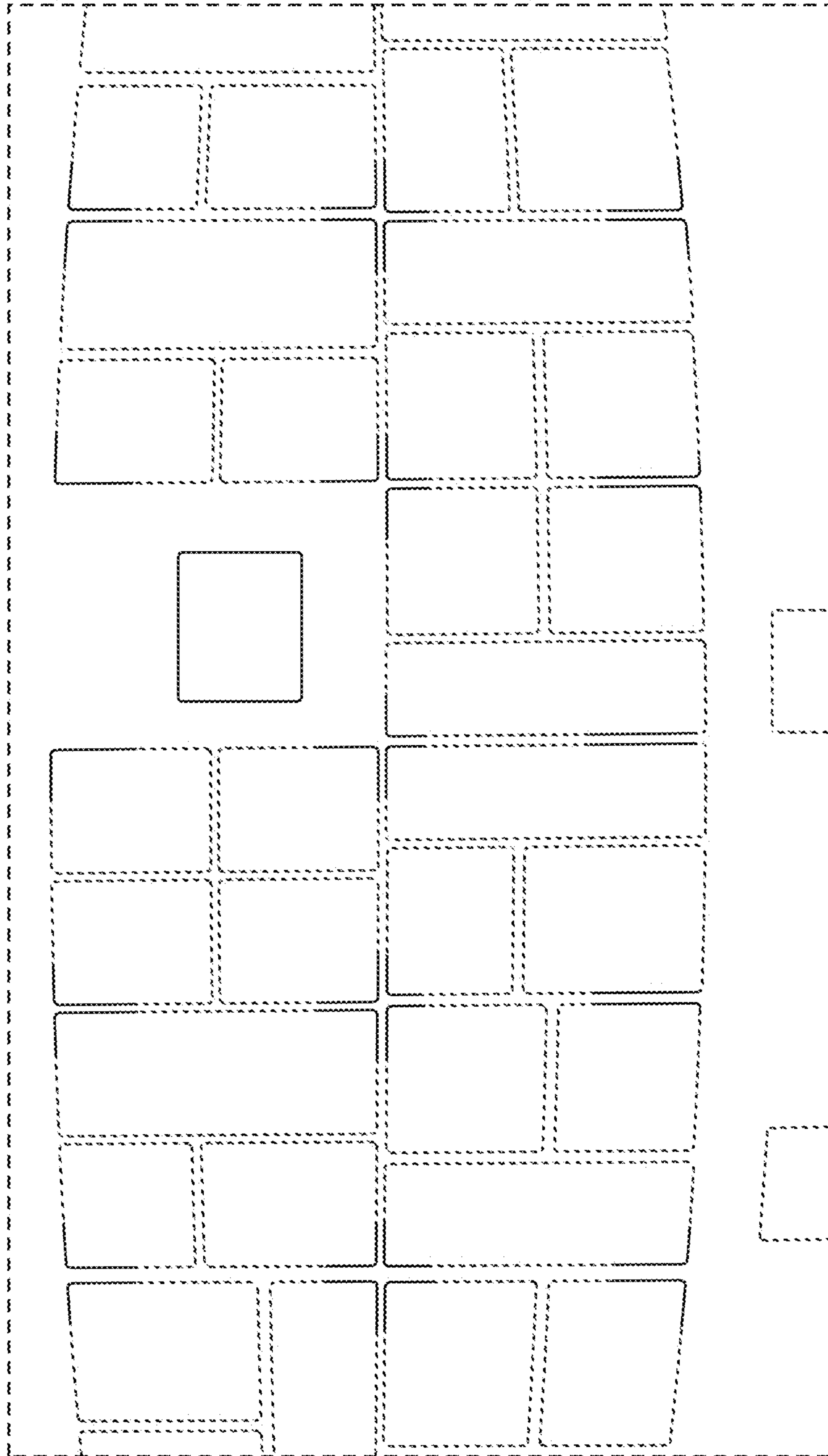


FIG. 5