



US00D962244S

(12) **United States Design Patent** (10) **Patent No.:** **US D962,244 S**
Anton et al. (45) **Date of Patent:** **** Aug. 30, 2022**

(54) **ELECTRONIC DEVICE WITH GRAPHICAL USER INTERFACE**

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventors: **Peter Anton**, San Francisco, CA (US); **Lynne Devine**, San Francisco, CA (US); **Alan C. Dye**, San Francisco, CA (US); **Daamun Mohseni**, San Jose, CA (US); **Grant R. Paul**, San Francisco, CA (US); **Marcel van Os**, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

(21) Appl. No.: **29/668,138**

(22) Filed: **Oct. 28, 2018**

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

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

(58) **Field of Classification Search**
USPC D14/485-495
CPC G06F 3/048; G06F 3/0481; G06F 3/04812; G06F 3/04815; G06F 3/04817; G06F 3/0482; G06F 3/0483; G06F 3/0484; G06F 3/04842; G06F 3/04845; G06F 3/04847; G06F 3/0485; G06F 3/04855; G06F 3/0486; G06F 3/0487; G06F 3/04883; G06F 3/04886
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,868,430 A	7/1932	Pla Costa
D119,256 S	3/1940	Darling
D154,957 S	8/1949	Bothe
3,340,636 A	9/1967	Enk
3,419,011 A	12/1968	Norris

3,630,137 A	12/1971	Stimson et al.
3,678,823 A	7/1972	Sato
4,322,144 A	3/1982	Suzuki et al.
D270,271 S	8/1983	Steele
4,431,288 A	2/1984	Iwata et al.
D277,113 S	1/1985	Gordon
D278,804 S	5/1985	Tanikawa

(Continued)

FOREIGN PATENT DOCUMENTS

WO DM/097 321 8/2017

OTHER PUBLICATIONS

Khamosh Pathak, "How to Use the New Lock Screen in iOS 10," iPhone Hacks, published Sep. 19, 2016 at <<http://www.iphonhacks.com/2016/09/how-to-use-new-lock-screen-ios-10.html>>.

(Continued)

Primary Examiner — Melanie H Tung

Assistant Examiner — Darmawan Truong

(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

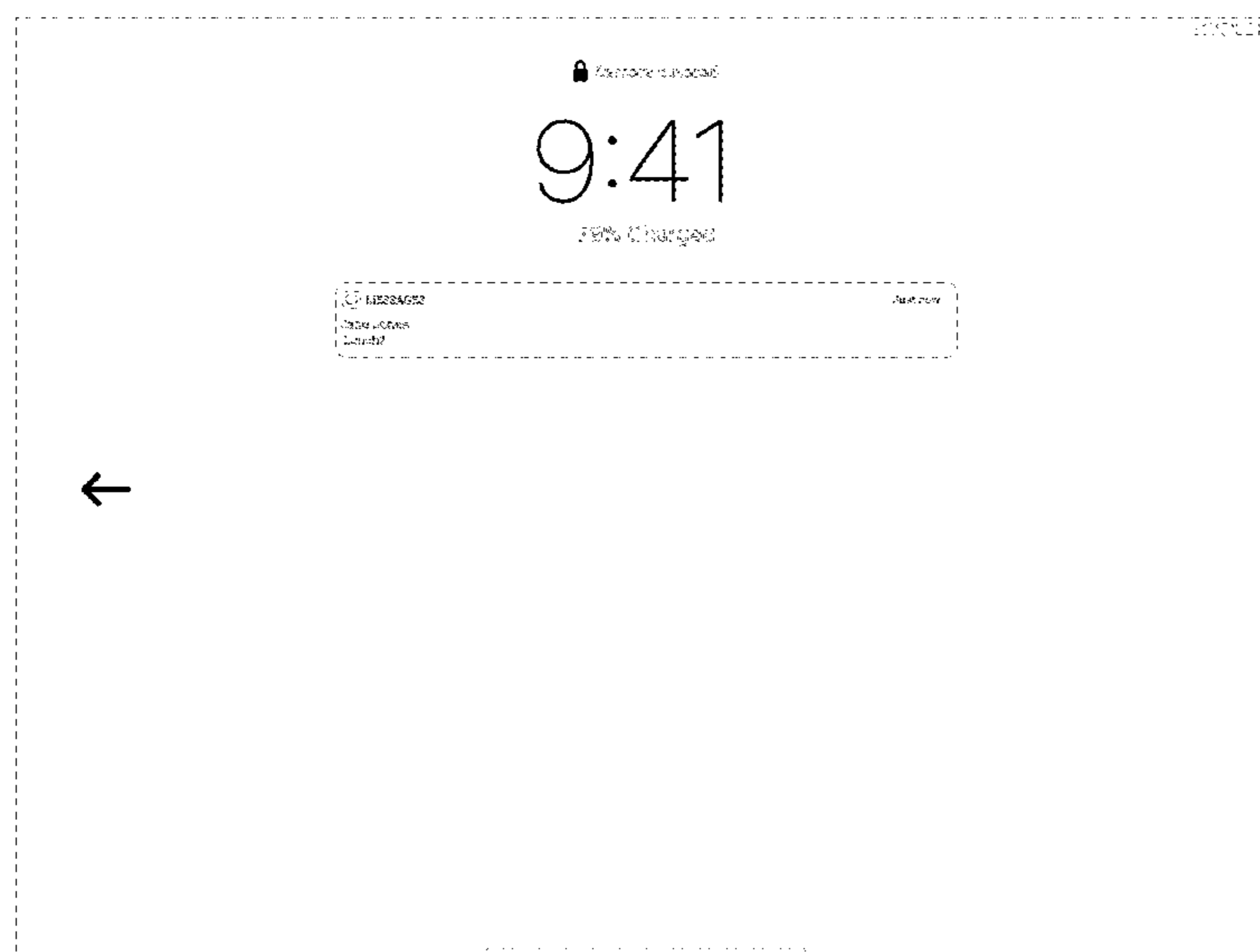
(57) **CLAIM**

The ornamental design for an electronic device with graphical user interface, as shown and described.

DESCRIPTION

FIG. 1 is a front view of an electronic device with graphical user interface showing the claimed design; FIG. 2 is a second embodiment thereof; and, FIG. 3 is a front view of the first embodiment of FIG. 1, shown on an alternate electronic device. The graphical user interface design of FIG. 2 may be similarly applied thereto. The outer broken lines in the figures show an electronic device, and form no part of the claimed design. The remaining broken lines show portions of the graphical user interface that form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)	References Cited	7,479,949 B2 *	1/2009	Jobs	H04M 1/72403 345/173
	U.S. PATENT DOCUMENTS	D588,607 S	3/2009	O'Donnell et al.	
		D590,416 S	4/2009	Kochakis	
	D279,273 S	6/1985	Giugiaro		
	D318,806 S	8/1991	Williams		
	D320,564 S	10/1991	Sharkey		
	D351,414 S	10/1994	Buhner		
	D358,336 S	5/1995	Mejaski		
	D358,337 S	5/1995	Wilson et al.		
	D363,227 S	10/1995	Seehr		
	D364,355 S	11/1995	George		
	5,598,523 A	1/1997	Fujita		
	D386,477 S	11/1997	Thomas		
	D386,516 S	11/1997	Thomas		
	D392,632 S	3/1998	Spiegel		
	D396,455 S	7/1998	Bier		
	D397,358 S	8/1998	Supino		
	5,798,760 A	8/1998	Vayda et al.		
	5,892,507 A	4/1999	Moorby et al.		
	D411,229 S	6/1999	McBeth		
	5,943,053 A	8/1999	Ludolph et al.		
	D416,550 S	11/1999	Richter		
	6,137,960 A	10/2000	Komatsuzaki et al.		
	D437,342 S	2/2001	Kramer et al.		
	D441,763 S	5/2001	Kahn et al.		
	D445,428 S	7/2001	Pattenden		
	D450,711 S	11/2001	Istvan et al.		
	D461,822 S	8/2002	Okuley		
	D466,026 S	11/2002	Kwok		
	D474,197 S	5/2003	Nguyen		
	D474,782 S	5/2003	Okuley		
	D476,488 S	7/2003	White, Jr.		
	6,691,111 B2	2/2004	Lazaridis et al.		
	6,705,646 B1	3/2004	Glassman		
	D493,177 S	7/2004	Retuta et al.		
	D493,471 S	7/2004	Mcintosh		
	D496,344 S	9/2004	Chen		
	D500,766 S	1/2005	Hanisch et al.		
	D505,135 S	5/2005	Sapp et al.		
	D510,583 S	10/2005	Vong		
	D511,525 S	11/2005	Hernandez et al.		
	D511,526 S	11/2005	Totten et al.		
	7,006,132 B2	2/2006	Pereira et al.		
	D517,428 S	3/2006	Chang		
	D522,881 S	6/2006	Tien		
	D523,077 S	6/2006	Howes et al.		
	D523,441 S	6/2006	Sapp et al.		
	D525,631 S	7/2006	Kaminaga et al.		
	D525,981 S	8/2006	Hally et al.		
	D536,343 S	2/2007	Fong et al.		
	D540,337 S	4/2007	Parta		
	D541,295 S	4/2007	Harvey et al.		
	D544,496 S	6/2007	Evans et al.		
	D545,323 S	6/2007	Decombe		
	D545,694 S	7/2007	Bhavnani		
	D547,769 S	7/2007	Griffith		
	D549,726 S	8/2007	Van Dongen et al.		
	D556,768 S	12/2007	Morris		
	7,305,622 B2	12/2007	Cohen et al.		
	D560,680 S	1/2008	Armendariz		
	D563,965 S	3/2008	Van Dongen et al.		
	D563,985 S	3/2008	Jewitt et al.		
	7,343,565 B2	3/2008	Ying et al.		
	D565,588 S	4/2008	Sherry		
	D568,770 S	5/2008	Tseng		
	D568,895 S	5/2008	Seo et al.		
	D568,900 S	5/2008	Seo et al.		
	D569,383 S	5/2008	Jung et al.		
	7,367,723 B2	5/2008	Matusik et al.		
	D574,009 S	7/2008	DelPonte		
	D574,846 S	8/2008	O'Donnell et al.		
	D574,847 S	8/2008	O'Donnell et al.		
	D579,021 S	10/2008	Ahn et al.		
	D579,022 S	10/2008	Song et al.		
	D579,945 S	11/2008	Kwag		
	D580,452 S	11/2008	Ottaway et al.		
	D582,427 S	12/2008	Neuhaus		
	D582,935 S	12/2008	Lee et al.		
		D601,158 S	9/2009	Rezende	
		D602,915 S	10/2009	Song et al.	
		D602,916 S	10/2009	Won et al.	
		D604,305 S	11/2009	Anzures et al.	
		D604,307 S	11/2009	Stiller et al.	
		D606,091 S	12/2009	O'Donnell et al.	
		D606,551 S	12/2009	Willis	
		D608,368 S	1/2010	Bamford	
		D611,054 S	3/2010	Lin et al.	
		D611,952 S	3/2010	Berg et al.	
		D612,398 S	3/2010	Lemay	
		D614,604 S	4/2010	Hoehn et al.	
		7,692,635 B2	4/2010	Iwamura	
		D615,096 S	5/2010	Muhlfelder	
		D617,334 S	6/2010	Chaudhri et al.	
		D617,338 S	6/2010	Mccain et al.	
		D618,666 S	6/2010	Shin et al.	
		D619,614 S	7/2010	O'mullan et al.	
		D621,372 S	8/2010	Won et al.	
		D621,849 S *	8/2010	Anzures	D14/488
		D623,656 S	9/2010	Fitzmaurice et al.	
		D623,964 S	9/2010	Petersen	
		D624,928 S	10/2010	Agnetta et al.	
		D625,276 S	10/2010	Won et al.	
		D625,320 S	10/2010	Woods et al.	
		D626,132 S	10/2010	Mclaughlin et al.	
		D627,365 S	11/2010	Brinda	
		D627,790 S	11/2010	Chaudhri et al.	
		7,864,163 B2 *	1/2011	Ording	H04M 1/72403 345/173
		D632,265 S	2/2011	Choi et al.	
		D637,201 S	5/2011	Wasko et al.	
		D640,669 S	6/2011	Cho et al.	
		D641,374 S	7/2011	Fletcher et al.	
		D642,588 S	8/2011	Anzures	
		D644,239 S	8/2011	Anzures et al.	
		D644,242 S	8/2011	Matas	
		D644,243 S	8/2011	Matas	
		D645,470 S	9/2011	Matas	
		D646,664 S	10/2011	Lee	
		D647,883 S	11/2011	Kim et al.	
		D647,914 S	11/2011	Brouwers	
		D649,557 S	11/2011	Duchene	
		8,077,153 B2	12/2011	Benko et al.	
		D652,050 S	1/2012	Chaudhri	
		D654,055 S	2/2012	Won et al.	
		D654,925 S	2/2012	Nishizawa et al.	
		8,151,209 B2	4/2012	Law et al.	
		D659,159 S	5/2012	Matas	
		D659,160 S	5/2012	Anzures	
		D661,701 S	6/2012	Brown et al.	
		D662,510 S	6/2012	Clement et al.	
		8,230,339 B2	7/2012	Watanabe et al.	
		D664,990 S *	8/2012	Ray	D14/490
		8,255,454 B2	8/2012	Broda et al.	
		D667,019 S	9/2012	Chaudhri	
		D669,092 S	10/2012	Anzures	
		D669,497 S	10/2012	Lee et al.	
		D673,138 S	12/2012	Kim et al.	
		D673,139 S	12/2012	Choi et al.	
		8,327,272 B2	12/2012	Anzures et al.	
		D675,639 S	2/2013	Anzures et al.	
		D676,060 S	2/2013	Frost et al.	
		8,386,961 B2	2/2013	Buffet et al.	
		D678,218 S	3/2013	Sheen	
		D682,254 S	5/2013	Hong et al.	
		D684,586 S	6/2013	Plesnicher et al.	
		D686,218 S	7/2013	Anzures et al.	
		D686,245 S	7/2013	Gardner et al.	
		D687,460 S	8/2013	Tyler et al.	

(56)

References Cited

U.S. PATENT DOCUMENTS

D692,476 S	10/2013	Lee		D759,077 S	6/2016	Bergmann et al.
8,560,975 B2 *	10/2013	Beaver	G06F 3/0481 715/863	D759,079 S	6/2016	Carlton et al.
D696,264 S	12/2013	d'Amore et al.		D760,768 S	7/2016	Um et al.
8,612,151 B2	12/2013	Winkler et al.		D760,791 S	7/2016	Liu
8,630,801 B2	1/2014	Katzer		D761,277 S	7/2016	Harvell et al.
D700,207 S	2/2014	Pearson et al.		D761,297 S	7/2016	Eder
D701,226 S	3/2014	Jung		D761,812 S	7/2016	Motamedi
D701,522 S	3/2014	Wang et al.		D761,857 S	7/2016	Mariet et al.
D701,869 S	4/2014	Matas et al.		D762,655 S	8/2016	Kai
D702,710 S	4/2014	van Os		D762,659 S	8/2016	Butcher et al.
D702,713 S	4/2014	Abratowski et al.		D762,660 S	8/2016	Butcher et al.
D702,718 S	4/2014	Abratowski et al.		D762,673 S	8/2016	Seo et al.
D704,212 S	5/2014	Dellinger et al.		D762,692 S	8/2016	Butcher et al.
D704,220 S	5/2014	Lim et al.		D763,309 S	8/2016	Seo et al.
D705,810 S	5/2014	Ma et al.		D763,868 S	8/2016	Lee et al.
D706,283 S	6/2014	Pedraza Padilla et al.		D763,869 S	8/2016	Wang et al.
D706,793 S	6/2014	Nations et al.		D763,877 S	8/2016	Yu
D707,696 S	6/2014	Bentley		D763,914 S	8/2016	Butcher et al.
D709,091 S	7/2014	Kwon et al.		D765,091 S	8/2016	Del Lima et al.
D709,521 S	7/2014	Choi et al.		D766,289 S	9/2016	Bauer et al.
D710,313 S	8/2014	Charleux		D766,917 S	9/2016	Kwon et al.
D710,367 S	8/2014	Quattrocchi		D766,945 S	9/2016	Um et al.
D710,371 S	8/2014	van Os		D768,179 S	10/2016	Akana et al.
D711,909 S	8/2014	Chaudhri		9,471,216 B2	10/2016	Lee et al.
D712,422 S	9/2014	Anzures		D771,076 S	11/2016	Butcher et al.
D712,917 S	9/2014	Lee et al.		D771,659 S	11/2016	Dye et al.
D713,416 S *	9/2014	Lee	D14/486	D771,701 S	11/2016	Ostrowski et al.
D713,855 S	9/2014	Roberts et al.		D772,282 S	11/2016	Kwon
8,922,721 B2	12/2014	Jung et al.		D772,932 S	11/2016	Chen et al.
D721,724 S	1/2015	Horst et al.		D772,941 S	11/2016	Nuovo et al.
D722,038 S	2/2015	Cheng et al.		D777,742 S	1/2017	Zurn
D722,320 S	2/2015	Lee et al.		D780,805 S	3/2017	van Os
D725,080 S	3/2015	Shin et al.		D781,878 S	3/2017	Butcher et al.
D726,219 S	4/2015	Chaudhri et al.		D781,879 S	3/2017	Butcher et al.
D726,739 S	4/2015	Jang et al.		D783,652 S	4/2017	Guan et al.
D727,336 S	4/2015	Allison et al.		D783,664 S	4/2017	Butcher et al.
D727,358 S	4/2015	Park		D784,371 S	4/2017	Loosli et al.
D727,931 S	4/2015	Kim et al.		D786,278 S	5/2017	Motamedi
9,015,640 B2	4/2015	de Leon		D788,147 S *	5/2017	Anzures
D728,530 S	5/2015	Shin et al.		D788,746 S	6/2017	Matsuoka
D728,616 S	5/2015	Gomez et al.		D789,385 S	6/2017	Butcher et al.
D729,209 S	5/2015	McManigal et al.		D793,422 S	8/2017	Gagnier et al.
D729,268 S	5/2015	Nies et al.		D794,675 S	8/2017	Liu et al.
D730,397 S	5/2015	Oh et al.		D796,543 S	9/2017	Broughton et al.
D731,541 S	6/2015	Lee		D800,769 S	10/2017	Hennessy et al.
D735,754 S	8/2015	Chaudhri et al.		D803,855 S	11/2017	Chen et al.
D738,380 S	9/2015	Nielsen		D804,494 S	12/2017	Bombolowsky et al.
D740,300 S	10/2015	Lee et al.		D804,502 S	12/2017	Amini et al.
D740,301 S	10/2015	Soegiono et al.		D804,526 S	12/2017	Chen et al.
D740,855 S	10/2015	Lee et al.		D805,542 S	12/2017	Bae et al.
D741,881 S	10/2015	Jihyun et al.		D805,550 S	12/2017	Butcher et al.
D741,898 S	10/2015	Soegiono et al.		D805,678 S	12/2017	Hong et al.
D742,390 S	11/2015	Bang et al.		D806,107 S	12/2017	Kim et al.
D742,893 S	11/2015	Anzures et al.		D808,402 S	1/2018	Butcher et al.
D744,513 S	12/2015	Ahn et al.		D808,974 S	1/2018	Chiappone et al.
D745,024 S	12/2015	Choi et al.		D813,245 S	3/2018	Mariet et al.
D745,046 S	12/2015	Shin et al.		D816,090 S	4/2018	Stonecipher et al.
D746,295 S	12/2015	Arai et al.		D819,678 S	6/2018	Liu et al.
D746,828 S	1/2016	Arai et al.		D820,300 S	6/2018	Broughton et al.
D749,634 S	2/2016	Cho		D821,410 S	6/2018	Vinna et al.
D750,129 S	2/2016	Kwon		D822,058 S	7/2018	Broughton et al.
D750,646 S	3/2016	Tawa et al.		D822,710 S	7/2018	Loi et al.
D751,108 S	3/2016	Caldwell et al.		D822,713 S	7/2018	Chaudhri et al.
D752,098 S	3/2016	Kim et al.		D823,859 S	7/2018	Boyd
D752,624 S	3/2016	Butcher et al.		D831,053 S *	10/2018	Guo
D752,638 S	3/2016	Akana et al.		D841,677 S *	2/2019	Tyler
D753,696 S	4/2016	Dye et al.		10,275,769 B2 *	4/2019	Jiang
D753,697 S	4/2016	Dye et al.		D873,284 S *	1/2020	Dascola
D754,173 S	4/2016	Kim		D875,749 S *	2/2020	Lim
D754,728 S	4/2016	Akana et al.		D880,495 S *	4/2020	Dascola
D755,823 S	5/2016	Chen et al.		D895,652 S *	9/2020	Langan
D756,373 S	5/2016	Raskin et al.		D924,926 S *	7/2021	Tran
D756,391 S	5/2016	Kouvas et al.		D926,210 S *	7/2021	Cohen
D756,401 S	5/2016	Soldner et al.		2002/0113824 A1	8/2002	Myers, Jr.
				2004/0141010 A1	7/2004	Fitzmaurice et al.
				2005/0010955 A1	1/2005	Elia et al.
				2005/0195691 A1	9/2005	Arnold et al.
				2006/0143657 A1 *	6/2006	Song
						G06F 3/0482 725/52

(56)

References Cited

U.S. PATENT DOCUMENTS

2007/0136679	A1	6/2007	Yang	
2007/0152984	A1*	7/2007	Ording	G06F 3/04845 345/173
2008/0098331	A1	4/2008	Novick et al.	
2008/0126992	A1	5/2008	Scheu et al.	
2009/0064038	A1	3/2009	Fleischman et al.	
2009/0113333	A1	4/2009	Dellinger et al.	
2009/0187335	A1	7/2009	Muhlfelder et al.	
2009/0304359	A1	12/2009	Lemay et al.	
2010/0122167	A1	5/2010	Ryu	
2010/0146433	A1	6/2010	Murata et al.	
2010/0231523	A1	9/2010	Chou	
2010/0241976	A1	9/2010	Nozaki et al.	
2011/0041095	A1	2/2011	Reed	
2011/0047014	A1	2/2011	De Angelo	
2011/0167369	A1	7/2011	van Os	
2011/0169853	A1	7/2011	Oiwa et al.	
2012/0036435	A1	2/2012	Yang et al.	
2012/0036459	A1	2/2012	Pei et al.	
2012/0096383	A1	4/2012	Sakamoto et al.	
2012/0098639	A1	4/2012	Ijas	
2012/0311479	A1	12/2012	Dharmarajan et al.	
2013/0019182	A1	1/2013	Gil et al.	
2013/0024791	A1	1/2013	Wong et al.	
2013/0080975	A1	3/2013	Geithner	
2013/0174097	A1	7/2013	Wernecke	
2013/0227450	A1	8/2013	Na et al.	
2013/0232437	A1	9/2013	Kim	
2013/0339904	A1	12/2013	Geithner	
2014/0047362	A1	2/2014	Lee	
2014/0317542	A1	10/2014	Kim et al.	
2014/0359522	A1	12/2014	Kim et al.	
2014/0362105	A1	12/2014	Kocienda et al.	
2017/0060100	A1	3/2017	Loi et al.	
2018/0157217	A1	6/2018	Song et al.	

OTHER PUBLICATIONS

“How to Stop News Alerts on iPad & iPhone Showing on Lock Screen,” OSX Daily, published Aug. 10, 2017 at <<http://osxdaily.com/2017/08/10/stop-news-alerts-ios-lock-screen/>>.

“How To: Change the Wallpaper on Your iPhone’s Home Screen and/or Lock Screen,” Simple iPhone, published Oct. 10, 2017 at <<https://simpleiphone.com/2017/10/10/how-to-change-the-wallpaper-on-your-iphones-home-screen-andor-lock-screen/>>.

Blackberry 7100t/7105t, <https://www.phonescoop.com/phones/phone.php?p=609>.

Vintage nametag 1970s, https://www.etsy.com/listing/533907086/hello-my-name-isvintage-adhesive-name?ref=shophome_active_11.

PalmOne m500, <https://www.amazon.com/PalmOne-m500-Handheld-BULK-PACKAGING/dp/B00005AWBJ>.

Goodlink G100, <http://www.hemmans.com/posts/2014/4/8/remembering-the-goodlink-g100>.

The evolution of the blackberry, Sascha Segan, <https://www.pcmag.com/feature/307369/the-evolution-of-the-blackberry-from-957-to-z10/4>.

Helvetica Neue 75 bold outline, <https://www.linotype.com/1264148/neue-helvetica-75-bold-outline-product.html>.

https://web.archive.org/web/20041230081140/https://www.wharton.co.uk/calendar_clocks/452_120.htm (Year: 2004).

<http://www.myfonts.com/search/helvetica+neue/webfonts/>.

<http://www.myfonts.com/fonts/linotype/neue-helvetica/>.

https://web.archive.org/web/*/http://www.technospot.net/blogs/free-download-windows-8-like-clock-screensaver/ (Year: 2011).

<https://web.archive.org/web/20090221193200/www.amrein.com/apps/page.asp?Q=5729> (Year: 2009).

Block, Ryan, “Live from Macworld 2007: Steve Jobs keynote,” Engadget, <<http://www.engadget.com/2007/01/09/live-from-macworld-2007-steve-jobs-keynote/>>, published Jan. 9, 2007, 34 pages.

Melanson, D., “Meizu M8 / miniOne closer to production, litigation,” Engadget, <<http://www.engadget.com/2007/02/13/meizu-m8-minione-closer-to-production-litigation/>>, published Feb. 13, 2007, 3 pages.

850+ Photos hop Arrow Shapes, announced Jan. 29, 2011 [online], [site visited May 14, 2015]. Available from Internet, URL: <<http://www.shapes4free.com/shapes-resources/850-free-photoshop-arrow-shapes/>>.

Iconfinder, announced 2014, [site visited May 14, 2015]. Available from Internet, URL: <https://www.iconfinder.com/icons/191975/arrow_caret_previous_up_upload_icon>.

365psd Outline Icon Set, announced Dec. 1, 2013, [online], [site visited May 15, 2015]. Available from Internet, URL: <<http://365psd.com/day/4-178/>>.

Stables, James and Allison, Conor. “Apple Watch: Activity and Workout app explored and explained.” *wareable.com*. Nov. 7, 2017. Accessed Aug. 1, 2018. Available online at URL: <<https://www.wareable.com/apple/apple-watch-activity-and-workout-app-explained-875>> (Year: 2017).

Comstock, Jonah. “Long-awaited Apple Watch tracks heart rate, activity, calories burned . . .” *mobihealthnews.com*. Published Sep. 9, 2014. Accessed Aug. 1, 2018. Available online at URL: <<https://www.mobihealthnews.com/36396/long-awaited-apple-watch-tracks-heart-rate-activity-calories-but-not-sleep>> (Year: 2014).

Left Turn Straight Traffic Sign—p. 1—Lectric Lites Co. Received at USPTO on Nov. 19, 1979 USPTO 020 Library.

Left Bent Arrow Traffic Sign—p. 5—Lectric Lites Co. Received at USPTO on Nov. 19, 1979 USPTO 020 Library.

Left Angle Straight Traffic Sign—p. 5—Lectric Lites Co. Received at USPTO on Nov. 19, 1979 USPTO 020 Library.

Straight Arrow Traffic Sign—p. 4—Lectric Lites Co. Received at USPTO on Nov. 19, 1979 USPTO 020 Library.

Apple iWatch—The New Fitness Tracker, posted date Oct. 14, 2014, *ww.workoutrends.com*, Copyright© 2014, site visited Jan. 11, 2016, Available from Internet, <<http://workoutrends.com/apple-iwatch-fitness>>.

Japanese Patent Office Document No. HJ26306399, AutoLockPhone—Google Play, accessed at <https://play.google.com/store/apps/details?id=de.elfsoft.autolock>. May 25, 2015.

* cited by examiner

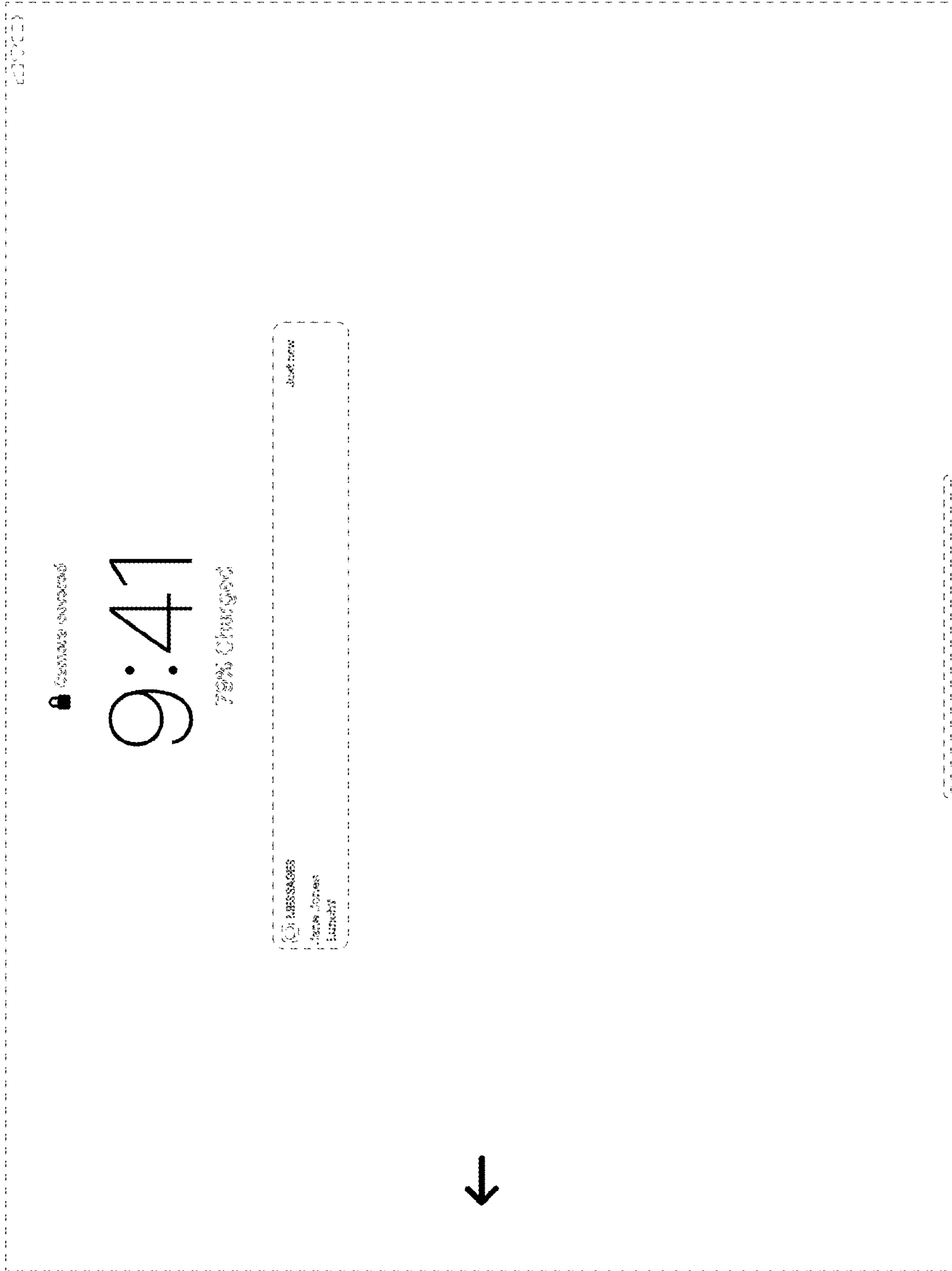


FIG. 1

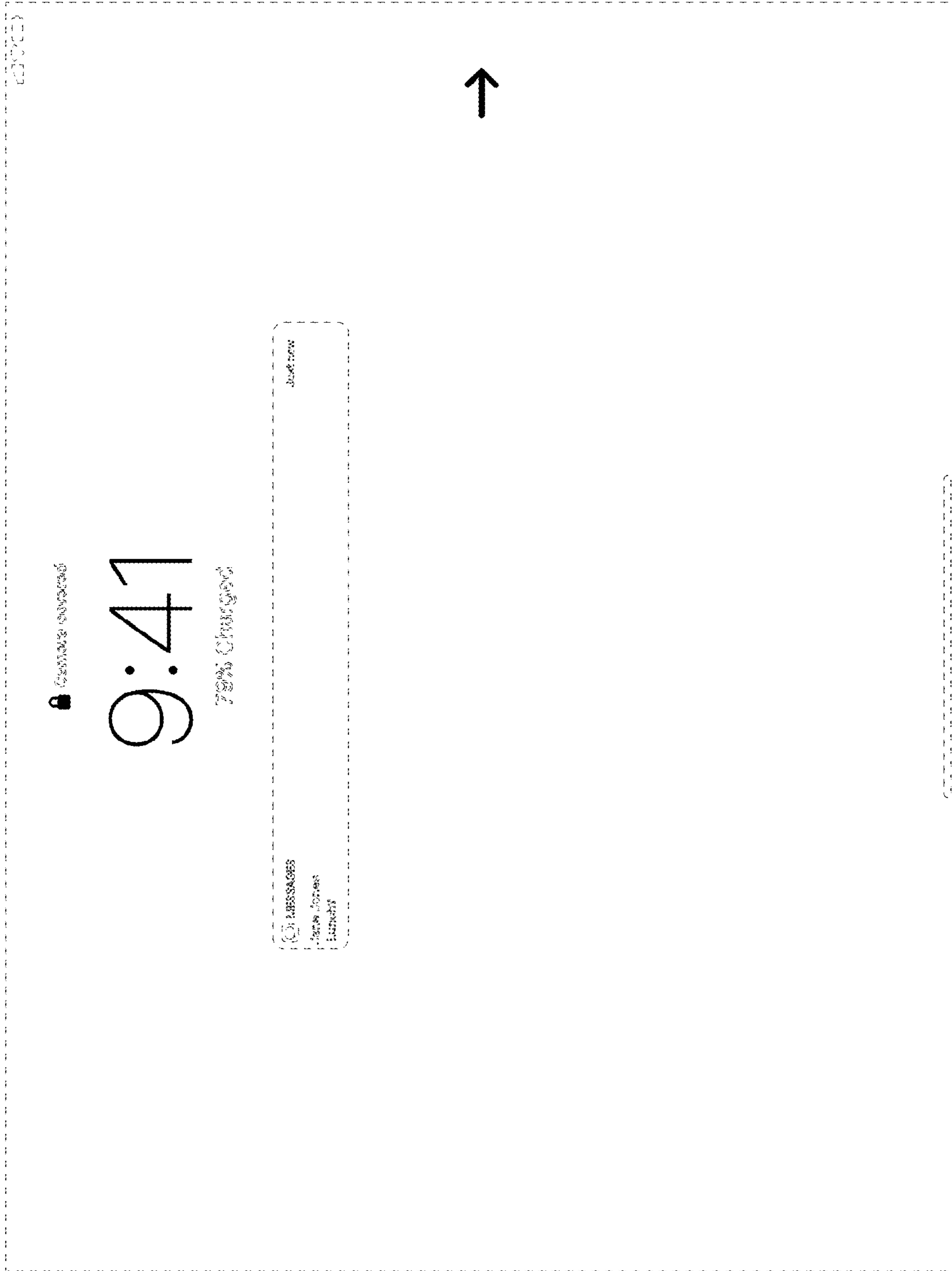


FIG. 2

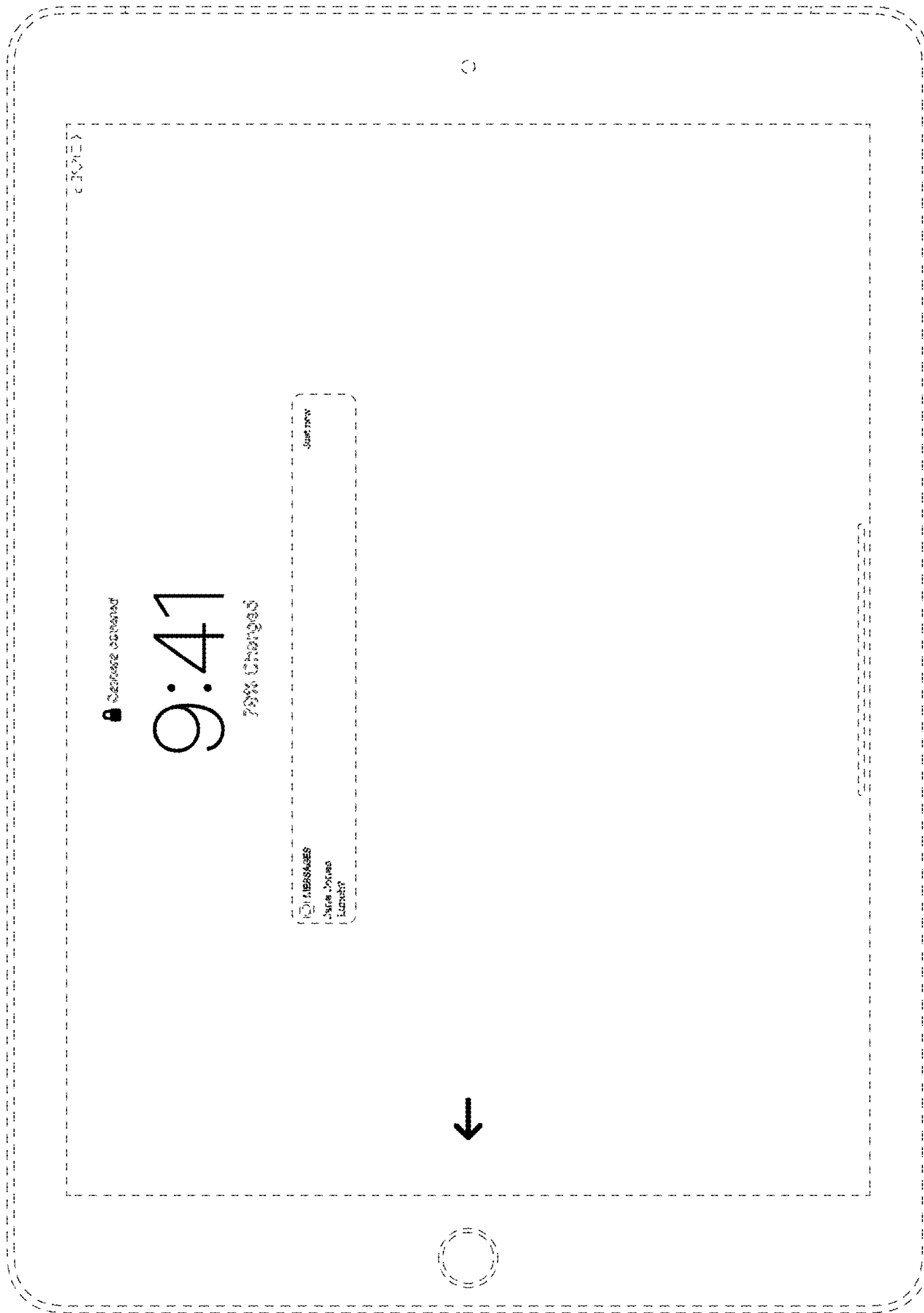


FIG. 3