

US0D1090614S

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

(10) **Patent No.:** **US D1,090,614 S**
(45) **Date of Patent:** **** Aug. 26, 2025**

(54) **DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE**

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

(72) Inventors: **Arian Behzadi**, San Francisco, CA (US); **Alan C. Dye**, San Francisco, CA (US); **Robert Garcia, III**, San Francisco, CA (US)

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

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

(21) Appl. No.: **29/940,116**

(22) Filed: **Apr. 30, 2024**

Related U.S. Application Data

(63) Continuation of application No. 29/818,034, filed on Dec. 6, 2021, now Pat. No. Des. 1,031,759, which is a continuation of application No. 29/726,114, filed on Feb. 28, 2020, now Pat. No. Des. 937,890, which is a continuation of application No. 29/649,906, filed on Jun. 3, 2018, now Pat. No. Des. 877,174.

(51) **LOC (15) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/487**

(58) **Field of Classification Search**
USPC D14/485-95
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 3/0486; G06F 3/0487; G06F 3/0488; G06F 3/04883; G06F 3/04886; G06F 3/0489; G06F 3/04892

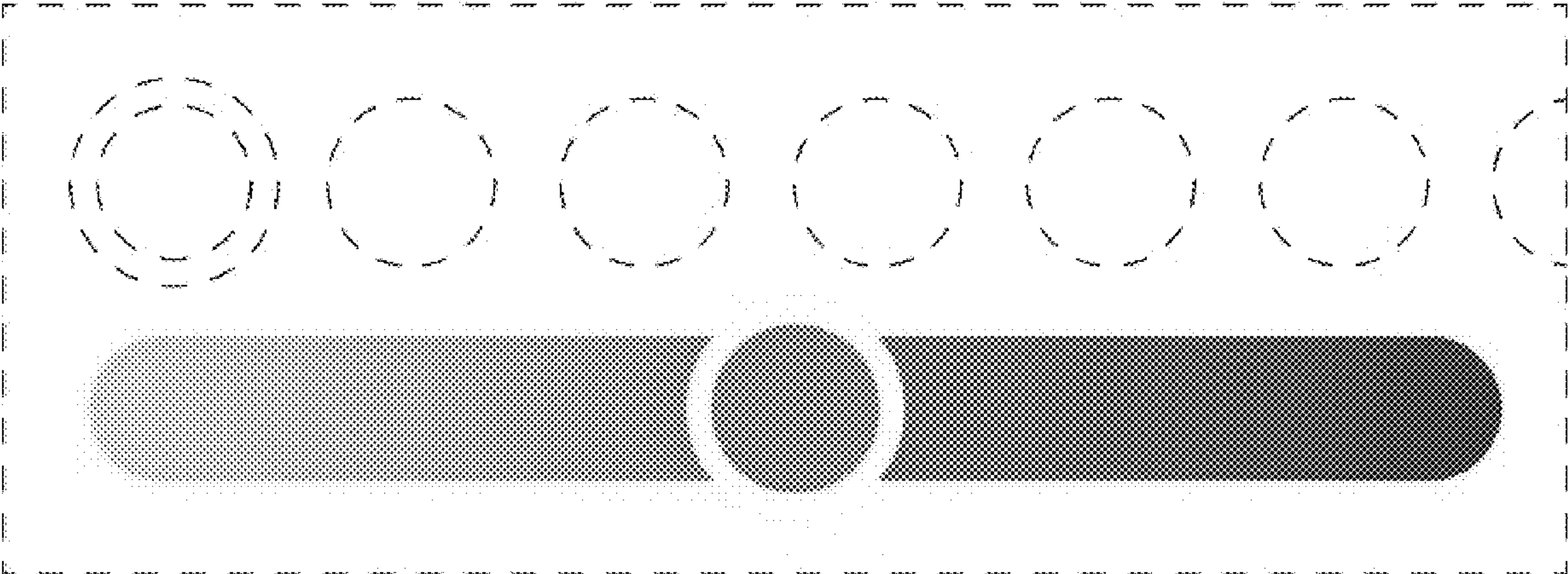
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D3,184 S	8/1868	Winslow et al.
D222,397 S	10/1971	Cathey, Jr.
D234,346 S	2/1975	Andersson
D276,844 S	12/1984	Eaton
D295,877 S	5/1988	Wells-Papanek et al.
4,901,221 A	2/1990	Kodosky et al.

D341,848 S	11/1993	Bigelow et al.
D344,102 S	2/1994	Polak et al.
5,295,062 A	3/1994	Fukushima
D385,547 S	10/1997	Snell
D390,548 S	2/1998	Maekawa et al.
D394,853 S	6/1998	Levin et al.
D396,854 S	8/1998	Tullis
D398,594 S	9/1998	Tullis
5,815,083 A	9/1998	Patarin et al.
5,838,384 A	11/1998	Schindler et al.
D405,774 S	2/1999	Yui et al.
5,966,114 A	10/1999	Ito et al.
D418,826 S	1/2000	Pavely et al.
D422,983 S	4/2000	Bright et al.
D424,543 S	5/2000	Hodgson
D426,209 S	6/2000	Hodgson
6,104,396 A	8/2000	Hanaoka et al.
6,191,783 B1	2/2001	Lambourne et al.
D439,584 S	3/2001	Wang et al.
D439,585 S	3/2001	Law et al.
D440,979 S	4/2001	Wang et al.
6,229,532 B1	5/2001	Fujii
6,313,877 B1	11/2001	Anderson
D459,361 S	6/2002	Lnagaki
6,407,758 B1	6/2002	Usami et al.
D462,076 S	8/2002	Robbin et al.
D469,444 S	1/2003	Ording et al.
D470,505 S	2/2003	Platz
D470,857 S	2/2003	Anderson et al.
D472,244 S	3/2003	Wasko
D474,189 S	5/2003	Andre et al.
D487,469 S	3/2004	Glaser et al.
6,710,785 B1	3/2004	Asai et al.
D491,956 S	6/2004	Ombao et al.
D499,110 S	11/2004	Ording et al.
D499,740 S	12/2004	Ombao et al.
D500,766 S	1/2005	Hanisch et al.
6,850,259 B1	2/2005	Rzepkowski et al.
D505,135 S	5/2005	Sapp et al.
D506,227 S	6/2005	Brady et al.
D506,474 S	6/2005	Gildred
6,983,424 B1	1/2006	Dutta
D517,120 S	3/2006	Scott
7,031,596 B2	4/2006	Sai et al.
D521,019 S	5/2006	Ording
7,039,868 B2	5/2006	Yanatsubo
D525,631 S	7/2006	Kaminaga et al.
D525,984 S	8/2006	Hally et al.
D525,985 S	8/2006	Gibson et al.
D526,655 S	8/2006	McDougall et al.
D528,123 S	9/2006	Lam et al.
D528,559 S	9/2006	Hally et al.
7,127,673 B2	10/2006	Iwata et al.



US D1,090,614 S

Page 2

7,152,210 B1	12/2006	Van Den Hoven et al.	8,091,041 B2	1/2012	Karstens
7,165,227 B2	1/2007	Ubillos	D654,926 S	2/2012	Lipman et al.
D540,340 S	4/2007	Cummins	8,136,051 B2	3/2012	Friedlander et al.
7,203,635 B2	4/2007	Oliver et al.	D656,948 S	4/2012	Knudsen et al.
D542,298 S	5/2007	Sadler et al.	8,151,207 B2	4/2012	Shimazu et al.
7,228,061 B2	6/2007	Mori et al.	8,151,209 B2	4/2012	Law et al.
D548,239 S	8/2007	Rimas-Ribikauskas et al.	8,166,413 B2	4/2012	Arndt et al.
D550,689 S	9/2007	Vigesaa	D659,711 S	5/2012	Guss et al.
D553,663 S	10/2007	Byeon et al.	D660,313 S	5/2012	Williams et al.
D554,140 S	10/2007	Armendariz	D660,862 S	5/2012	Anzures et al.
D555,661 S	11/2007	Kim	D664,975 S	8/2012	Arnold
D557,272 S	12/2007	Glaser et al.	8,255,831 B2	8/2012	Araumi
D558,219 S	12/2007	Glaser et al.	D667,019 S	9/2012	Chaudhri
D558,220 S	12/2007	Maitlen et al.	D667,420 S	9/2012	Kriese et al.
D558,221 S	12/2007	Nagata et al.	D667,451 S	9/2012	Wujcik et al.
D559,262 S	1/2008	Young	8,261,209 B2	9/2012	Goto et al.
D562,333 S	2/2008	Sadler et al.	D668,263 S	10/2012	Jobs et al.
D563,419 S	3/2008	Yarnashita et al.	D668,666 S	10/2012	Anzures et al.
D563,971 S	3/2008	Cummins et al.	D668,672 S	10/2012	Chaudhri
7,345,671 B2	3/2008	Robbin et al.	D669,499 S	10/2012	Gardner et al.
D567,253 S	4/2008	Gusmorino et al.	D670,722 S	11/2012	Yang et al.
D568,900 S	5/2008	Seo et al.	D671,550 S	11/2012	Chen et al.
D569,383 S	5/2008	Jung et al.	D677,275 S	3/2013	Wujcik et al.
D569,875 S	5/2008	Fletcher et al.	D677,326 S	3/2013	Gleasman et al.
D574,388 S	8/2008	Armendariz et al.	D677,336 S	3/2013	Murphy et al.
D576,171 S	9/2008	Armendariz et al.	D678,320 S	3/2013	Kanalakis, Jr. et al.
D580,941 S	11/2008	Scott et al.	D678,902 S	3/2013	Evans
7,496,211 B2	2/2009	Yamagami et al.	D678,904 S	3/2013	Phelan
D589,792 S	4/2009	Clabough et al.	D679,727 S	4/2013	Abratowski
D590,412 S	4/2009	Saft et al.	D682,854 S	5/2013	Kanalakis, Jr. et al.
7,519,918 B2	4/2009	Trantow	D683,363 S	5/2013	Jung et al.
7,530,030 B2	5/2009	Baudisch	D683,366 S	5/2013	Gardner et al.
D594,013 S	6/2009	Singh et al.	D683,739 S	6/2013	Glassman et al.
D596,195 S	7/2009	Wall et al.	D684,185 S	6/2013	Van Dongen et al.
D597,101 S	7/2009	Chaudhri et al.	D685,811 S	7/2013	Shia et al.
D598,027 S	8/2009	Carpenter et al.	D686,635 S	7/2013	Cranfill
D600,705 S	9/2009	Lamanna et al.	D687,485 S	8/2013	Pagallo et al.
7,587,680 B2	9/2009	Wada	8,521,857 B2	8/2013	Maxwell et al.
D604,305 S	11/2009	Anzures et al.	D689,517 S	9/2013	Radakovitz et al.
7,614,010 B2	11/2009	Hosoki et al.	D689,874 S	9/2013	Brinda et al.
D605,657 S	12/2009	Danton	D689,892 S	9/2013	Perry et al.
D606,086 S	12/2009	Agnetta et al.	D689,895 S	9/2013	DeLuca
D606,091 S	12/2009	O'Donnell et al.	8,542,238 B2	9/2013	Niles et al.
D607,001 S	12/2009	Ording	D691,174 S	10/2013	Lipman et al.
D607,003 S	12/2009	Bull et al.	D692,450 S	10/2013	Convay et al.
D607,468 S	1/2010	Ho	8,572,493 B2	10/2013	Qureshi
D608,363 S	1/2010	Kwag	D692,910 S	11/2013	Anzures et al.
7,653,882 B2	1/2010	Horentrup et al.	D693,835 S	11/2013	Daniel
D611,485 S	3/2010	Marashi	8,578,271 B2	11/2013	Laugwitz et al.
D612,392 S	3/2010	Bouchard et al.	D695,301 S	12/2013	Robinson
7,676,767 B2	3/2010	Hofmeister et al.	8,611,559 B2	12/2013	Sanders
D614,643 S	4/2010	Viegers et al.	D697,081 S	1/2014	Van Dongen et al.
D615,989 S	5/2010	Chaudhri	8,627,232 B2	1/2014	Stiso et al.
D616,457 S	5/2010	Carpenter et al.	D699,733 S	2/2014	Chaudhri
D617,333 S	6/2010	Scalisi et al.	D700,204 S	2/2014	Capela et al.
D619,593 S	7/2010	Fujioka et al.	D700,206 S	2/2014	Lai et al.
D619,612 S	7/2010	Pueyo et al.	D702,709 S	4/2014	Dellinger et al.
D621,845 S	8/2010	Anzures et al.	D703,231 S	4/2014	Anzures et al.
7,805,684 B2	9/2010	Arvilommi	D708,222 S	7/2014	Ma et al.
D625,320 S	10/2010	Woods et al.	D711,406 S	8/2014	Hurd et al.
D625,733 S	10/2010	Anzures	8,819,577 B2	8/2014	Fino
D626,134 S	10/2010	Chaudhri	D712,920 S	9/2014	Sloo et al.
7,814,439 B2	10/2010	Fitzmaurice et al.	D712,925 S	9/2014	Meegan et al.
7,823,077 B2	10/2010	Kurtz et al.	D713,855 S	9/2014	Roberts et al.
D627,790 S	11/2010	Chaudhri	D714,334 S	9/2014	Cojuangco et al.
D630,649 S	1/2011	Tokunaga et al.	8,847,053 B2	9/2014	Humphrey et al.
D637,201 S	5/2011	Wasko et al.	D715,315 S	10/2014	Wood
7,958,460 B2	6/2011	Garrison et al.	D716,330 S	10/2014	Chen et al.
D641,372 S	7/2011	Gardner et al.	8,862,593 B1	10/2014	Zureiqat
D642,192 S	7/2011	Arnold	D716,841 S	11/2014	Allyn
D643,047 S	8/2011	Guss et al.	D717,338 S	11/2014	Anzures et al.
D643,438 S	8/2011	Gardner et al.	8,881,049 B2	11/2014	Kerr et al.
D644,661 S	9/2011	Gardner et al.	D719,189 S	12/2014	Brinda et al.
D644,662 S	9/2011	Gardner et al.	D719,586 S	12/2014	Jon
D644,663 S	9/2011	Gardner et al.	D720,367 S	12/2014	Woo
8,037,424 B2	10/2011	Kujda et al.	D721,715 S	1/2015	Bauermeister
D651,614 S	1/2012	Anzures	D726,214 S	4/2015	Wantland et al.
D652,054 S	1/2012	Anzures	D729,835 S	5/2015	Engelman
D652,428 S	1/2012	Anzures	D730,388 S	5/2015	Rehberg et al.

US D1,090,614 S

Page 3

D730,922 S	6/2015	Clement et al.	D884,716 S *	5/2020	Tan	D14/485
D730,931 S	6/2015	Jiang et al.	D900,123 S	10/2020	Lopes	
D732,077 S	6/2015	Kim	D909,398 S	2/2021	Fremine et al.	
D732,573 S	6/2015	Seo et al.	D910,655 S	2/2021	Matthewman et al.	
D732,574 S	6/2015	Capela et al.	D910,660 S *	2/2021	Chaturvedi	D14/485
D733,740 S	7/2015	Lee et al.	D937,890 S	12/2021	Behzadi et al.	
D733,741 S	7/2015	Lee et al.	D949,884 S *	4/2022	Capela	D14/485
D733,744 S	7/2015	Capela et al.	D950,577 S *	5/2022	Baluja	D14/485
D734,358 S	7/2015	Rehberg et al.	D958,827 S *	7/2022	Behzadi	D14/487
9,075,436 B1	7/2015	Korn et al.	D963,663 S *	9/2022	Cohen	D14/485
D736,815 S	8/2015	Niijima et al.	D996,456 S *	8/2023	Baluja	D14/485
D737,311 S	8/2015	Ma	D1,027,981 S *	5/2024	Capela	D14/493
D737,319 S	8/2015	Cavander et al.	D1,030,795 S	6/2024	Behzadi et al.	
D738,401 S	9/2015	Capela et al.	D1,035,714 S *	7/2024	Chen	D14/487
9,131,192 B2	9/2015	Ubillos et al.	D1,068,826 S *	4/2025	Gu	D14/485
D741,352 S	10/2015	Chaudhri et al.	2002/0126158 A1	9/2002	Camara et al.	
D743,432 S	11/2015	Sergeev	2003/0085929 A1	5/2003	Huber et al.	
D743,985 S	11/2015	Herold et al.	2003/0174177 A1	9/2003	Tsukuda et al.	
D745,883 S	12/2015	Anderson et al.	2004/0039750 A1	2/2004	Anderson et al.	
D748,668 S	2/2016	Kim et al.	2004/0061788 A1	4/2004	Bateman	
D749,090 S	2/2016	Kim et al.	2004/0141010 A1	7/2004	Fitzmaurice et al.	
D749,091 S	2/2016	Lee et al.	2005/0108657 A1	5/2005	Han	
D750,110 S	2/2016	Amin et al.	2006/0129417 A1	6/2006	Williams et al.	
D750,660 S	3/2016	Caldwell	2006/0212811 A1	9/2006	Gottfurcht et al.	
D754,183 S	4/2016	Liu et al.	2007/0067738 A1	3/2007	Flynt et al.	
D754,749 S	4/2016	Jung	2007/0132740 A1	6/2007	Meiby	
D755,245 S	5/2016	Kim et al.	2007/0162850 A1	7/2007	Adler et al.	
D758,424 S	6/2016	Ding et al.	2007/0277119 A1	11/2007	Namiki	
9,361,521 B1	6/2016	McLean et al.	2008/0055264 A1	3/2008	Anzures et al.	
D760,747 S	7/2016	Gehiere et al.	2008/0086318 A1	4/2008	Gilley et al.	
D760,752 S	7/2016	Anzures et al.	2008/0094369 A1	4/2008	Ganatra et al.	
D763,297 S	8/2016	Chaudhri et al.	2008/0155474 A1	6/2008	Duhig	
D763,895 S	8/2016	Chaudhri et al.	2008/0158189 A1 *	7/2008	Kim	G06F 3/04886
D763,896 S	8/2016	Chaudhri				345/173
D764,498 S	8/2016	Capela et al.	2008/0163114 A1	7/2008	Choi et al.	
D766,944 S	9/2016	Frincke	2008/0178069 A1	7/2008	Stallings	
D768,156 S	10/2016	Frincke	2008/0189658 A1	8/2008	Jeong et al.	
D768,709 S	10/2016	Frincke	2008/0309617 A1	12/2008	Kong et al.	
D768,723 S	10/2016	Anzures et al.	2008/0313570 A1	12/2008	Shamma et al.	
D769,315 S	10/2016	Scotti	2009/0019348 A1	1/2009	King	
D770,515 S	11/2016	Cho et al.	2009/0064038 A1	3/2009	Fleischman et al.	
D771,653 S	11/2016	Bauer et al.	2009/0113333 A1	4/2009	Dellinger et al.	
D774,082 S	12/2016	Karunamuni	2009/0177966 A1	7/2009	Chaudhri	
D774,532 S	12/2016	Ho et al.	2009/0259597 A1	10/2009	Wallman	
D774,547 S	12/2016	Capela et al.	2009/0271712 A1	10/2009	Ligh et al.	
D775,178 S	12/2016	Chaudhri et al.	2010/0023865 A1	1/2010	Fulker et al.	
D776,705 S	1/2017	Roberts	2010/0100849 A1	4/2010	Fram	
D778,312 S	2/2017	Goodwin et al.	2010/0185183 A1	7/2010	Alme et al.	
9,606,713 B1 *	3/2017	Thakore G06F 3/04847	2010/0251124 A1	9/2010	Geppert et al.	
D784,397 S	4/2017	Kim et al.	2011/0072393 A1	3/2011	Wilairat	
D786,296 S	5/2017	Zhong et al.	2011/0154174 A1	6/2011	Liu et al.	
D788,788 S	6/2017	Varghese et al.	2011/0161890 A1	6/2011	Anderson et al.	
D789,382 S	6/2017	Chaudhri et al.	2011/0167369 A1	7/2011	van Os	
D789,405 S	6/2017	Faulkner et al.	2011/0202879 A1	8/2011	Stovicek et al.	
D791,786 S	7/2017	Chaudhri et al.	2011/0209089 A1	8/2011	Hinckley et al.	
D791,817 S	7/2017	Sun	2011/0258547 A1	10/2011	Symons et al.	
D792,448 S	7/2017	Take et al.	2011/0264764 A1	10/2011	Kewalramani et al.	
D792,449 S	7/2017	Take et al.	2012/0030623 A1	2/2012	Hoellwarth	
D794,649 S	8/2017	Niijima et al.	2012/0072839 A1	3/2012	Ogino et al.	
D795,284 S	8/2017	Miller et al.	2012/0084707 A1	4/2012	Abdel-Kader et al.	
D797,138 S	9/2017	Reiter et al.	2012/0088447 A1	4/2012	Kwahk et al.	
D799,508 S	10/2017	Jitkoff et al.	2012/0089940 A1	4/2012	Jang et al.	
D800,153 S	10/2017	Miller et al.	2012/0096410 A1	4/2012	Lancaster	
D800,154 S	10/2017	Miller et al.	2012/0124468 A1	5/2012	Tsai	
D802,622 S	11/2017	Clymer et al.	2012/0131510 A1	5/2012	Forstall et al.	
D803,850 S	11/2017	Chang et al.	2012/0221971 A1	8/2012	Trotta et al.	
D803,859 S	11/2017	Su et al.	2012/0260215 A1	10/2012	Fennel	
D806,742 S	1/2018	Choi et al.	2012/0284649 A1	11/2012	Levy	
D808,400 S	1/2018	Coren	2012/0284667 A1	11/2012	Willekes et al.	
D808,420 S	1/2018	Anzures et al.	2012/0306879 A1 *	12/2012	Yokoyama G06F 3/04855	
D810,037 S	2/2018	Won et al.				345/428
D813,899 S	3/2018	Erant et al.	2012/0316921 A1	12/2012	Carsanaro et al.	
D815,661 S	4/2018	Anzures et al.	2013/0030815 A1	1/2013	Madhvanath et al.	
D819,646 S	6/2018	Jow et al.	2013/0076681 A1	3/2013	Sirpal et al.	
D819,684 S	6/2018	Dart	2013/0097561 A1	4/2013	Carpenter et al.	
D820,301 S	6/2018	Choi et al.	2013/0111403 A1	5/2013	Nakamura	
D831,676 S	10/2018	Park et al.	2013/0124991 A1	5/2013	Yu et al.	
D837,228 S	1/2019	Chaudhri et al.	2013/0132906 A1	5/2013	Siururnaa et al.	
D841,667 S	2/2019	Coren	2013/0205255 A1	8/2013	We et al.	

2013/0239057	A1	9/2013	Ubillos et al.	
2013/0332843	A1	12/2013	Boettcher et al.	
2014/0006986	A1	1/2014	Cappucio	
2014/0033084	A1	1/2014	Eismann et al.	
2014/0040022	A1	2/2014	Bradsher	
2014/0108282	A1	4/2014	Pulito et al.	
2014/0237419	A1	8/2014	Ryu	
2014/0282238	A1	9/2014	Dart et al.	
2015/0199369	A1	7/2015	Daly et al.	
2015/0304425	A1	10/2015	Park-Ekecs et al.	
2015/0370465	A1	12/2015	Green	
2015/0378446	A1	12/2015	Masseron et al.	
2016/0027113	A1	1/2016	Sodhi	
2016/0070401	A1	3/2016	Kim et al.	
2016/0070420	A1	3/2016	Mizunuma et al.	
2016/0078276	A1	3/2016	Bengtsson et al.	
2016/0139786	A1	5/2016	Kaldma et al.	
2017/0123650	A1	5/2017	Ligh et al.	
2018/0373415	A1	12/2018	Dellinger et al.	
2019/0115103	A1 *	4/2019	Nilsson	A61M 1/1621
2019/0258447	A1 *	8/2019	Henderson	G06Q 50/163

FOREIGN PATENT DOCUMENTS

EM	000748694-0034	12/2007
EM	000890371-0027	4/2008
EM	000967427-0005	10/2008
EM	002198549-0016	6/2013
KR	300516108.0000	12/2008
KR	300589538.0000	2/2011
KR	300642619.0000	4/2012
KR	300701907.0000	7/2013

OTHER PUBLICATIONS

<https://depositphotos.com/vector/set-modern-volume-controllers-22369681.html> (Year: 2013).*

<https://www.youtube.com/watch?v=jjeGRgenqdo> (Year: 2018).*

“iOS 5 vs iOS 6: A study in minute user interface evolution” (on-line), dated Sep. 19, 2012. URL: <http://unleashthephones.com/2012/09/18/ios-5-vs-ios-6-a-study-in-minute-user-interface-evolution/> (1 page).

“Music App Revamped in iOS 6; Adjusts Reflection on Slider’s Virtual Knob When You Tilt Your iPhone”, article (on-line), dated Jun. 13, 2012. URL: <https://web.archive.org/web/20120615200527/http://www.iphonhacks.com/2012/06/music-app-revamped-inios-6.html> (2 pages).

“Slider Interface & Metal Handle (PSD)” Orman, dated Feb. 7, 2011. URL: <https://web.archive.org/web/20110404100925/http://www.premiumpixels.com/freebies/slider-interface-metal-handle-psd/> (1 page).

Apple Computer, Inc., “Welcome to Tiger,” dated 2005, 32 pages.

DAAnisotropicImage (on-line) dated Jul. 13, 2012. URL: <https://web.archive.org/web/20120713021044/http://www.cocoacontrols.com/posts/2012/07/09/weekly-roundup--42> (2 pages).

https://www.iconfinder.com/icons/1118983/horizontal_interface_list_menu_options_three_icon, available dated 2016.

https://www.iconfinder.com/icons/354008/adjust_adjuster_audio_equalizer_music_preferences_settings_sound_studio_icon, dated 2014.

Japanese Patent Office Document HJ3009598800, “Zepeto” App Store App, dated May 22, 2018, Snow Inc., Japan.

Samuels, Daniel, “The volume slider on the iPhone lock screen has a reflection, animation” Finertech.com, dated Mar. 9, 2013, URL: <https://finertech.com/2013/03/09/featuredthe-volume-slider-on-the-iphone-lock-screen-has-a-reflection-animation/>.

* cited by examiner

Primary Examiner — Melanie H Tung
(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

(57) CLAIM

The ornamental design for a display screen or portion thereof with graphical user interface as shown and described.

DESCRIPTION

The file of this patent contains at least one drawing/photograph executed in color. Copies of this patent with color drawing(s)/photograph(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a front view of a display screen or portion thereof with graphical user interface showing the claimed design; and,

FIG. 2 is another embodiment thereof.

The outermost broken lines in the figures show a display screen or portion thereof, and form no part of the claimed design. The other broken lines in the figures show portions of the graphical user interface that form no part of the claimed design.

1 Claim, 1 Drawing Sheet
(1 of 1 Drawing Sheet(s) Filed in Color)

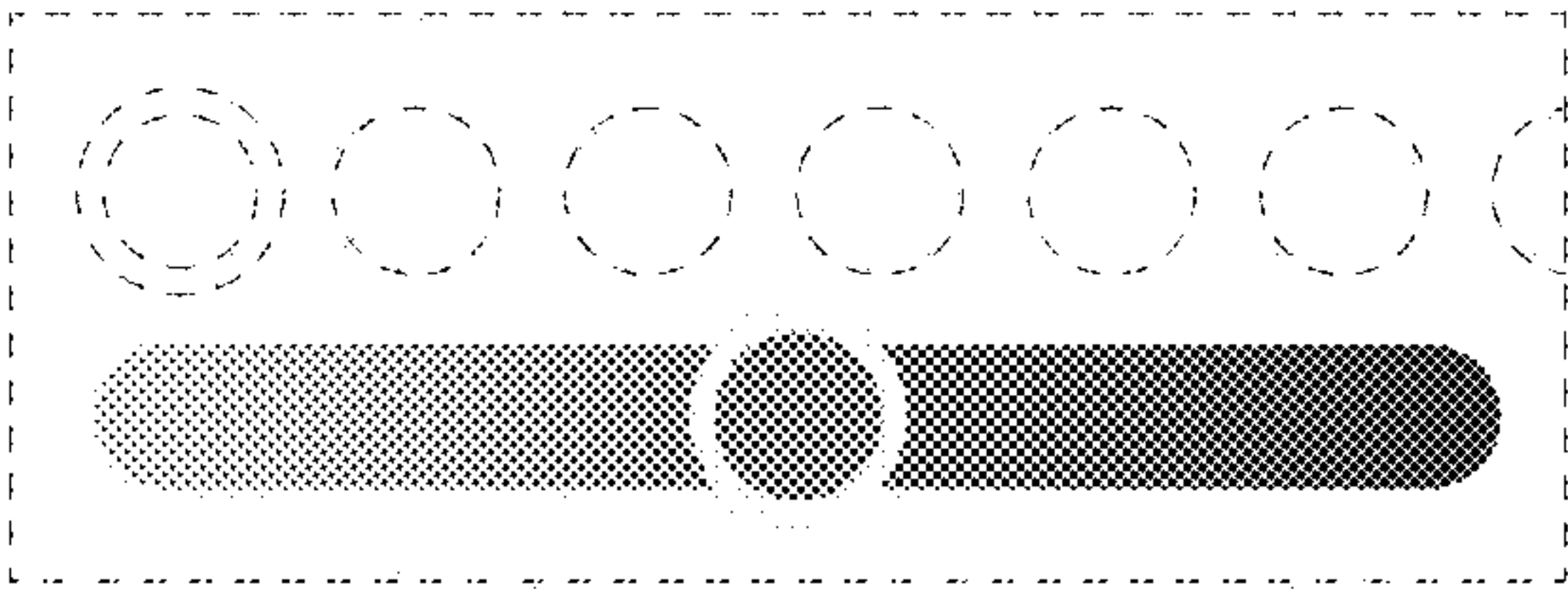


FIG. 1

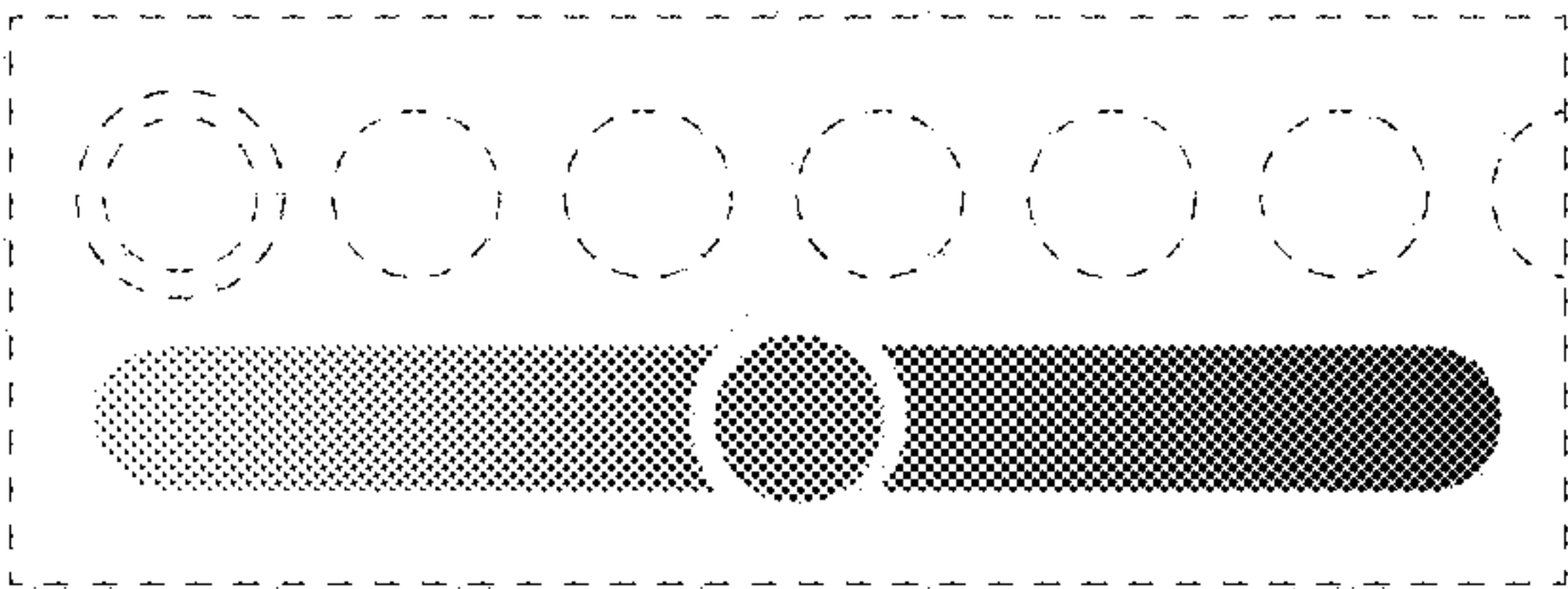


FIG. 2