

US00D949190S

(12) **United States Design Patent** (10) **Patent No.:** **US D949,190 S**
Broughton et al. (45) **Date of Patent:** **** Apr. 19, 2022**

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

D252,560 S 8/1979 Lonroth
D277,109 S 1/1985 Gordon
5,146,231 A 9/1992 Ghaem
5,418,136 A 5/1995 Miller et al.
D368,039 S 3/1996 Tessier

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

(Continued)

(72) Inventors: **Lee S. Broughton**, Santa Cruz, CA (US); **Alan C. Dye**, San Francisco, CA (US); **Behkish Johnnie Manzari**, San Francisco, CA (US); **Grant R. Paul**, San Francisco, CA (US); **William A. Sorrentino, III**, San Francisco, CA (US); **Andre Souza Dos Santos**, San Jose, CA (US)

FOREIGN PATENT DOCUMENTS

EM 000584529-0003 11/2006
EM 001335111-0012 4/2012

(Continued)

OTHER PUBLICATIONS

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

AgfaPhoto Holding GmbH, German Trademark No. 30518789; Filing Date: Mar. 31, 2005.

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

(Continued)

(21) Appl. No.: **29/798,978**

Primary Examiner — Andrew T Nemeth
(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

(22) Filed: **Jul. 12, 2021**

Related U.S. Application Data

(63) Continuation of application No. 29/705,050, filed on Sep. 9, 2019, now Pat. No. Des. 924,912.

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

(52) **U.S. Cl.**
USPC **D14/486**

(58) **Field of Classification Search**
USPC D14/485–495
CPC G06F 3/048–04897
See application file for complete search history.

(57) **CLAIM**

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

DESCRIPTION

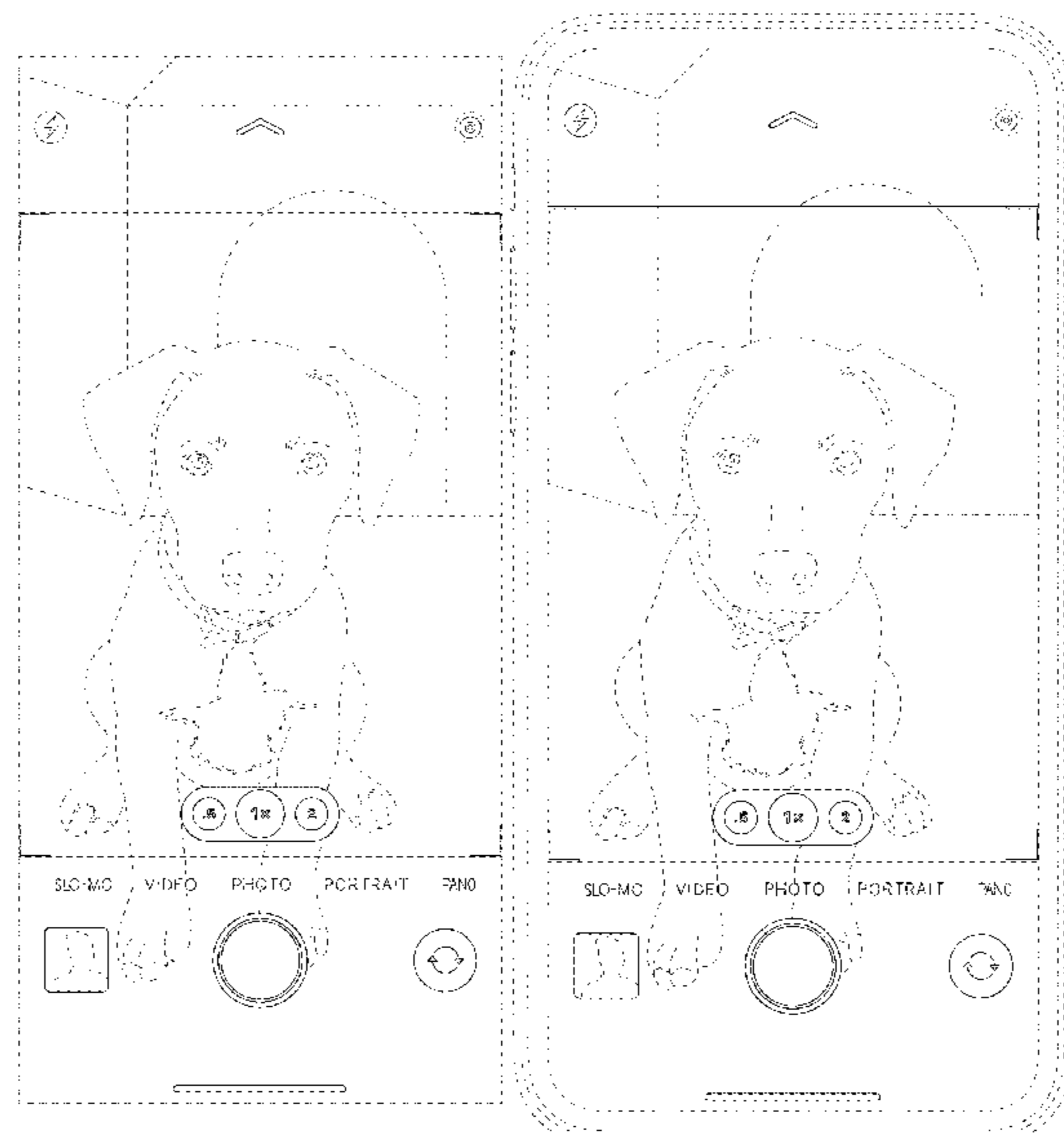
FIG. 1 is a front view of a display screen or portion thereof with graphical user interface showing the claimed design; and, FIG. 2 is a front view of an electronic device having a display screen with the graphical user interface design of FIG. 1 applied to the display screen. The outer broken lines in the figures show a display screen or portion thereof, or an electronic device having a display screen, 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.

(56) **References Cited**

U.S. PATENT DOCUMENTS

925,445 A 6/1906 Bartlett
1,547,658 A 7/1925 Kunze
2,027,952 A 1/1936 Bandoly
D108,488 S 2/1938 Carpenter et al.
4,063,735 A 12/1977 Wendel

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,736,099	A	4/1998	Hiraide et al.
5,745,717	A	4/1998	Vayda et al.
D406,850	S	3/1999	RocheI
5,966,126	A	10/1999	Szabo
5,995,093	A	11/1999	Lambourne et al.
6,014,142	A	1/2000	Lahood
6,061,457	A	5/2000	Stockhamer
D428,399	S	7/2000	Kahn et al.
6,166,686	A	12/2000	Lazar
6,289,361	B1	9/2001	Uchida
6,292,137	B1	9/2001	Agnew
D462,076	S	8/2002	Robbin et al.
6,505,618	B1	1/2003	Ben-hador
D472,244	S	3/2003	Wasko
6,556,222	B1	4/2003	Narayanaswami
D474,197	S	5/2003	Nguyen
D480,401	S	10/2003	Kahn et al.
6,678,891	B1	1/2004	Wilcox et al.
6,731,316	B2	5/2004	Herigstad et al.
D493,177	S	7/2004	Retuta et al.
6,809,724	B1	10/2004	Shiraishi et al.
D500,765	S	1/2005	Wasko
D505,135	S	5/2005	Sapp et al.
6,897,880	B2	5/2005	Samra
D516,546	S	3/2006	Sobol
7,036,091	B1	4/2006	Nguyen
D521,017	S	5/2006	Jewitt et al.
D523,439	S	6/2006	Kuroda
D523,441	S	6/2006	Sapp et al.
D523,442	S	6/2006	Hiramatsu
7,191,185	B2	3/2007	Dweck et al.
D542,301	S	5/2007	Harvey
D546,334	S	7/2007	Seo et al.
D551,243	S	9/2007	Young
D552,623	S	10/2007	Vong et al.
D553,638	S	10/2007	Kim et al.
D555,661	S	11/2007	Kim
7,299,417	B1	11/2007	Barris et al.
D556,768	S	12/2007	Morris
D558,221	S	12/2007	Nagata et al.
7,318,590	B2	1/2008	Razavi
D565,588	S	4/2008	Sherry
D566,720	S	4/2008	Kwon et al.
D566,722	S	4/2008	Jackson
D568,329	S	5/2008	Park et al.
D568,898	S	5/2008	Bveon
D571,819	S	6/2008	Scott et al.
D576,176	S	9/2008	Jong et al.
D579,946	S	11/2008	Lee et al.
D580,942	S	11/2008	Oshiro et al.
D580,949	S	11/2008	Duarte
D582,935	S	12/2008	Lee et al.
D582,938	S	12/2008	Chen et al.
D583,386	S	12/2008	Tomizawa et al.
7,493,571	B2	2/2009	Shinohara et al.
D588,151	S	3/2009	Okada
D588,607	S	3/2009	O'donnell et al.
D589,792	S	4/2009	Clabough et al.
D590,416	S	4/2009	Kochackis
D593,107	S	5/2009	Shimada et al.
D593,576	S	6/2009	Ball et al.
D594,465	S	6/2009	Hong et al.
D597,099	S	7/2009	Ording
D597,100	S	7/2009	Ording et al.
D597,101	S	7/2009	Chaudhri et al.
D600,712	S	9/2009	Lamamia et al.
D604,305	S	11/2009	Anzures
D604,327	S	11/2009	Lamanna et al.
D607,007	S	12/2009	Kocmick
D607,008	S	12/2009	Kocmick
D607,010	S	12/2009	Kocmick
D607,464	S	1/2010	Tang et al.
D607,888	S	1/2010	Ahn
D609,244	S	2/2010	Seo
D612,390	S	3/2010	Kim et al.
D613,301	S	4/2010	Lee et al.
7,703,031	B2	4/2010	Nakagawa et al.
D617,334	S	6/2010	Chaudhri
D619,593	S	7/2010	Fujioka et al.
D619,601	S	7/2010	Matas
D620,496	S	7/2010	Matas
D621,845	S	8/2010	Anzures et al.
D622,281	S	8/2010	Maitlen et al.
D622,730	S	8/2010	Krum et al.
7,774,718	B2	8/2010	Finke-anlauff et al.
D623,195	S	9/2010	La et al.
D625,320	S	10/2010	Woods et al.
D625,733	S	10/2010	Anzures
D626,131	S	10/2010	Kruzeniski et al.
D626,136	S	10/2010	Fujimura
D627,360	S	11/2010	Aarseth
D627,365	S	11/2010	Brinda
7,844,913	B2	11/2010	Amano et al.
D628,584	S	12/2010	Umezawa
D636,281	S	4/2011	Henderson et al.
D638,442	S	5/2011	Christie et al.
7,956,845	B2	6/2011	Yilee
D642,184	S	7/2011	Brouwers et al.
D643,437	S	8/2011	Chaudhri
D644,239	S	8/2011	Anzures et al.
D644,654	S	9/2011	Maitlen et al.
D644,658	S	9/2011	Lemay
D644,662	S	9/2011	Gardner et al.
8,037,424	B2	10/2011	Kujda et al.
8,041,400	B2	10/2011	Kim
8,058,571	B2	11/2011	Rajagopal et al.
D650,392	S	12/2011	Glezer et al.
D650,789	S	12/2011	Arnold
D650,796	S	12/2011	Rincover et al.
D650,798	S	12/2011	Impas et al.
D651,610	S	1/2012	Anzures
D651,611	S	1/2012	Ouilhet et al.
D654,925	S	2/2012	Nishizawa et al.
8,139,725	B2	3/2012	Cohen et al.
D656,951	S	4/2012	Weir et al.
D658,667	S	5/2012	Cho et al.
D663,737	S	7/2012	Sullivan
D666,209	S	8/2012	Cranfill
D666,212	S	8/2012	Coffman et al.
D666,631	S	9/2012	Ma et al.
D667,020	S	9/2012	Mackenzie et al.
D667,460	S	9/2012	Wujcik et al.
D667,842	S	9/2012	Ouilhet
D668,263	S	10/2012	Jobs et al.
D668,673	S	10/2012	Molino et al.
D669,487	S	10/2012	Yang et al.
D671,558	S	11/2012	Anzures et al.
D674,840	S	1/2013	Van den Broecke et al.
D676,868	S	2/2013	Wagner
D677,180	S	3/2013	Plitkins et al.
D677,688	S	3/2013	Woo
D677,690	S	3/2013	Phelan
8,397,180	B2	3/2013	Duhig
D681,649	S	5/2013	Fletcher et al.
D682,850	S	5/2013	Del Pasqua
D682,863	S	5/2013	Burkatovskiy
D684,165	S	6/2013	Hudspeth
D684,183	S	6/2013	Soegiono et al.
D686,223	S	7/2013	Gardner et al.
D687,063	S	7/2013	Mvung et al.
D687,452	S	8/2013	Anzures et al.
D687,854	S	8/2013	Nelson et al.
D688,068	S	8/2013	Ntoukas
D688,697	S	8/2013	Phelan
D689,874	S	9/2013	Brinda et al.
D690,720	S	10/2013	Walduan
D690,728	S	10/2013	Brinda
D690,729	S	10/2013	Abratowski et al.
D690,737	S	10/2013	Wen et al.
D691,171	S	10/2013	Brinda et al.
D691,620	S	10/2013	Coffman et al.
D691,629	S	10/2013	Matas et al.
D692,450	S	10/2013	Convay et al.
D692,476	S	10/2013	Lee

(56)

References Cited

U.S. PATENT DOCUMENTS

D692,915 S	11/2013	Brinda et al.	D725,134 S	3/2015	Boettcher et al.
D693,359 S	11/2013	Gardner et al.	D725,148 S	3/2015	Pereira
D694,771 S	12/2013	Edwards et al.	D726,221 S	4/2015	Gomez et al.
D696,264 S	12/2013	D'amore et al.	D726,748 S	4/2015	Maekawa
D696,265 S	12/2013	D'amore et al.	D726,765 S	4/2015	Dye et al.
D696,270 S	12/2013	Hyunjung et al.	D728,598 S	5/2015	Lee et al.
D697,073 S	1/2014	Andersson et al.	D728,615 S	5/2015	Guzman et al.
8,630,662 B2	1/2014	Herz	D729,260 S	5/2015	Ahn et al.
D698,806 S	2/2014	Funabashi et al.	D730,395 S	5/2015	Smith et al.
D699,741 S	2/2014	Wantland et al.	D731,538 S	6/2015	Lee
D699,746 S	2/2014	Pearson et al.	D732,049 S	6/2015	Amin
D699,747 S	2/2014	Pearson et al.	D733,168 S	6/2015	Kopetskv et al.
D699,749 S	2/2014	Pearson et al.	D733,175 S	6/2015	Bae
D699,750 S	2/2014	Pearson et al.	D734,776 S	7/2015	Kitamom et al.
D700,207 S	2/2014	Pearson et al.	D735,227 S	7/2015	Jeong et al.
8,661,363 B2	2/2014	Platzer et al.	D735,748 S	8/2015	Francisco et al.
D701,226 S	3/2014	Jung	D736,219 S	8/2015	Petersen et al.
D701,235 S	3/2014	Hatta	D737,278 S	8/2015	Shin et al.
D701,869 S	4/2014	Matas et al.	D737,310 S	8/2015	Ma
D703,229 S	4/2014	Abratowski et al.	D737,311 S	8/2015	Ma
D703,689 S	4/2014	Kim et al.	D737,833 S	9/2015	Anzures et al.
D704,204 S	5/2014	Rydenhag	D738,381 S	9/2015	Kim et al.
D704,720 S	5/2014	Maxwell	D738,382 S	9/2015	Lim et al.
D706,806 S	6/2014	Nishizawa	D738,385 S	9/2015	Lim et al.
D707,705 S	6/2014	Folken et al.	D738,887 S	9/2015	Ma et al.
D708,212 S	7/2014	Capua et al.	D738,905 S	9/2015	Chaudhri et al.
D708,221 S	7/2014	Danton et al.	D739,864 S	9/2015	Kang
D708,633 S	7/2014	Capua et al.	D739,869 S	9/2015	Herold et al.
D709,092 S	7/2014	Mariet et al.	D739,880 S	9/2015	Robertson
D709,521 S	7/2014	Choi et al.	D740,302 S	10/2015	Son et al.
D709,915 S	7/2014	Inose et al.	D740,307 S	10/2015	McAllister et al.
8,786,137 B2	7/2014	Chou et al.	D740,308 S	10/2015	Kim et al.
D710,862 S	8/2014	Wang et al.	D740,322 S	10/2015	Dye et al.
D711,406 S	8/2014	Hurd et al.	D740,843 S	10/2015	Heeter et al.
D711,896 S	8/2014	Hanson et al.	D741,880 S	10/2015	Hong et al.
D712,422 S	9/2014	Anzures	D741,890 S	10/2015	Chaudhri et al.
D712,425 S	9/2014	Nagaoka	D741,891 S	10/2015	Gardner et al.
D712,908 S	9/2014	Rodenhouse et al.	9,152,320 B2	10/2015	Roddy
D712,911 S	9/2014	Pearson et al.	D742,893 S	11/2015	Anzures et al.
D713,412 S	9/2014	Gall et al.	D742,920 S	11/2015	Yu et al.
D713,850 S	9/2014	Jiyeon et al.	D743,416 S	11/2015	Lim et al.
D713,855 S	9/2014	Roberts et al.	D743,417 S	11/2015	Lim et al.
D714,320 S	9/2014	Pereira	D743,423 S	11/2015	Danielyan et al.
D714,325 S	9/2014	Pereira	D743,977 S	11/2015	De la Cruz et al.
D714,340 S	9/2014	Mason	D744,365 S	12/2015	Rogers
8,839,106 B2	9/2014	Lee et al.	D744,529 S	12/2015	Guzman et al.
D714,812 S	10/2014	Kim et al.	D745,023 S	12/2015	Kwon
D714,815 S	10/2014	Fargher et al.	D745,041 S	12/2015	Guzman et al.
D714,819 S	10/2014	Wang et al.	D745,885 S	12/2015	Seo et al.
D715,313 S	10/2014	Hontz, Jr.	D746,295 S	12/2015	Arai et al.
D715,315 S	10/2014	Wood	D746,324 S	12/2015	Kim
D715,811 S	10/2014	Tsukamoto	D746,831 S	1/2016	Chaudhri et al.
D715,826 S	10/2014	Sakuma	D747,333 S	1/2016	Supino et al.
D715,834 S	10/2014	Siddons	D747,338 S	1/2016	Lee et al.
D716,336 S	10/2014	Guss et al.	D747,344 S	1/2016	Balles et al.
D716,825 S	11/2014	Bachman et al.	D749,118 S	2/2016	Wang
D717,811 S	11/2014	Allredge et al.	D750,130 S	2/2016	Baumann
D717,822 S	11/2014	Brotman et al.	D751,090 S	3/2016	Hu et al.
D717,823 S	11/2014	Brotman et al.	D751,108 S	3/2016	Caldwell
D718,783 S	12/2014	Inose et al.	D751,568 S	3/2016	Kim et al.
D719,176 S	12/2014	Cohen et al.	D752,094 S	3/2016	Cornwell et al.
D719,180 S	12/2014	Lia	D752,618 S	3/2016	Lee et al.
D719,187 S	12/2014	Arnold et al.	9,300,144 B2	3/2016	Cooper
D719,965 S	12/2014	Taingtae et al.	D753,132 S	4/2016	Cuthbert et al.
D720,366 S	12/2014	Hiltunen et al.	D753,134 S	4/2016	Vazquez
8,913,066 B2	12/2014	Okuda	D753,678 S	4/2016	Clarke et al.
D721,084 S	1/2015	Kimball et al.	D754,734 S	4/2016	Guzman et al.
D721,380 S	1/2015	Pereira	D757,026 S	5/2016	Lim et al.
D721,381 S	1/2015	Pereira	D759,085 S	6/2016	Anzures et al.
D722,320 S	2/2015	Lee et al.	D760,270 S	6/2016	Herold et al.
D722,606 S	2/2015	Stroupe et al.	D760,735 S	7/2016	Cheng et al.
D723,051 S	2/2015	Park	D760,750 S	7/2016	Robbin et al.
D723,058 S	2/2015	Matsuda	D760,752 S	7/2016	Anzures et al.
D723,059 S	2/2015	Shiplacoff et al.	D760,790 S	7/2016	Ishii et al.
D724,618 S	3/2015	Shin	D761,268 S *	7/2016	Oh D14/485
			D763,297 S	8/2016	Chaudhri et al.
			D763,895 S *	8/2016	Chaudhri D14/486
			D763,910 S	8/2016	Drozd et al.
			D764,520 S	8/2016	Lee et al.

(56)

References Cited

U.S. PATENT DOCUMENTS				
D764,549 S	8/2016	Cavander et al.	2005/0130715 A1	6/2005 Fujisawa
D766,276 S	9/2016	Chaudhri et al.	2005/0210402 A1	9/2005 Gunn et al.
D766,917 S	9/2016	Kwon et al.	2006/0022955 A1	2/2006 Kennedy
D766,945 S	9/2016	Um et al.	2006/0263098 A1	11/2006 Akiyama et al.
D766,950 S	9/2016	Dye et al.	2007/0067738 A1	3/2007 Flynt et al.
9,465,535 B2	10/2016	Tang	2007/0083825 A1	4/2007 Chaudhri et al.
D770,495 S	11/2016	Knapp	2007/0226655 A1	9/2007 Shimizu
D770,500 S	11/2016	Rodriguez	2007/0256029 A1	11/2007 Maxwell
D771,123 S	11/2016	Anzures et al.	2008/0155475 A1	1/2008 Duhig
D771,127 S	11/2016	Akana et al.	2008/0174570 A1	7/2008 Jobs et al.
D772,278 S	11/2016	Chaudhri et al.	2008/0178085 A1	7/2008 Miyazaki
D773,534 S	12/2016	Yuk et al.	2008/0195944 A1	8/2008 Lee et al.
D774,084 S	12/2016	Lee et al.	2008/0235248 A1	9/2008 Krantz et al.
D775,178 S	12/2016	Chaudhri et al.	2008/0276199 A1	11/2008 Hosogai et al.
D776,680 S	1/2017	Bae et al.	2008/0295027 A1	11/2008 Seo et al.
D777,180 S	1/2017	Kim et al.	2009/0061837 A1	3/2009 Chaudhri et al.
D778,952 S	2/2017	Kim et al.	2009/0064038 A1	3/2009 Fleischman et al.
D781,316 S	3/2017	Kim	2009/0067695 A1	3/2009 Komiya
D781,911 S	3/2017	Tegethoff et al.	2009/0089675 A1	4/2009 Han
D786,275 S	5/2017	Yuk	2009/0106659 A1	4/2009 Rosser et al.
D786,296 S	5/2017	Zhong et al.	2009/0113333 A1	4/2009 Dellinger et al.
D787,543 S	5/2017	Qiu et al.	2009/0132921 A1	5/2009 Hwangbo et al.
D788,161 S	5/2017	Bauer et al.	2009/0177385 A1	7/2009 Matas et al.
D790,581 S	6/2017	Chaudhri et al.	2009/0228820 A1	9/2009 Kim et al.
D792,458 S	7/2017	Chaudhri et al.	2009/0262087 A1	10/2009 Kim
9,716,825 B1 *	7/2017	Manzari H04N 5/232125	2009/0304359 A1	12/2009 Lemay et al.
9,807,298 B2	10/2017	Kim et al.	2010/0017715 A1	1/2010 Balassanian
D803,239 S *	11/2017	Yuk D14/492	2010/0087230 A1	4/2010 Peh et al.
D803,859 S	11/2017	Su et al.	2010/0118037 A1	5/2010 Sheikh et al.
D804,525 S	12/2017	Clarke et al.	2010/0146387 A1	6/2010 Hoover
D810,115 S	2/2018	Chaudhri et al.	2010/0192105 A1	7/2010 Kim et al.
D819,683 S	6/2018	Zhang et al.	2010/0229130 A1	9/2010 Edge et al.
D823,330 S	7/2018	Boltz et al.	2010/0233441 A1	9/2010 Kubota et al.
D829,759 S *	10/2018	Clapper D14/486	2010/0241976 A1	9/2010 Nozaki et al.
D831,066 S	10/2018	Takita et al.	2011/0035691 A1	2/2011 Kim
D832,290 S	10/2018	Tran et al.	2011/0161080 A1	6/2011 Ballinger et al.
10,175,757 B2	1/2019	Missig et al.	2011/0169853 A1	7/2011 Oiwa et al.
10,270,983 B1	4/2019	Van os et al.	2011/0202847 A1	8/2011 Dmitrov
D851,106 S	6/2019	Chaudhri et al.	2011/0209074 A1	8/2011 Gill et al.
D851,111 S *	6/2019	Dye D14/486	2011/0264764 A1	10/2011 Kewalramani et al.
D853,410 S	7/2019	Barnett et al.	2011/0267530 A1	11/2011 Chun
D857,033 S	8/2019	Davydov et al.	2012/0026105 A1	2/2012 Cheung et al.
D861,019 S	9/2019	Chaudhri et al.	2012/0036435 A1	2/2012 Yang et al.
D861,020 S	9/2019	Chaudhri et al.	2012/0066629 A1	3/2012 Lee et al.
D865,000 S	10/2019	Youngblood et al.	2012/0079418 A1	3/2012 Lindsay
D865,001 S	10/2019	Tamayo et al.	2012/0105490 A1	5/2012 Pasquero et al.
10,490,026 B2	11/2019	Bryant et al.	2012/0110510 A1	5/2012 Cindy
D869,480 S	12/2019	Barnett et al.	2012/0311472 A1	12/2012 Kim
D869,481 S	12/2019	Barnett et al.	2012/0311479 A1	12/2012 Dharmaraian et al.
D872,767 S	1/2020	Youngblood et al.	2013/0019176 A1	1/2013 Miyashita et al.
D873,299 S	1/2020	Tamayo et al.	2013/0019263 A1	1/2013 Ferren et al.
D873,856 S	1/2020	Tamayo et al.	2013/0024791 A1	1/2013 Wong et al.
D881,236 S	4/2020	Dagley et al.	2013/0127911 A1	5/2013 Brown
D884,740 S	5/2020	Youngblood et al.	2013/0145286 A1	6/2013 Feng et al.
D887,423 S	6/2020	Lee	2013/0180383 A1	7/2013 Vandendool
D892,821 S	8/2020	Bauer et al.	2013/0218721 A1	8/2013 Borhan et al.
D895,649 S *	9/2020	Jetly D14/487	2014/0040826 A1	2/2014 Wei et al.
10,783,320 B2	9/2020	Jon et al.	2014/0189574 A1	7/2014 Stallings et al.
D900,845 S *	11/2020	Tomori D14/486	2014/0193047 A1	7/2014 Grosz et al.
D902,242 S	11/2020	Assaf et al.	2014/0195921 A1	7/2014 Grosz et al.
D911,355 S	2/2021	Kabel-eckes et al.	2014/0250564 A1	9/2014 Ramos
D915,440 S *	4/2021	Kim D14/486	2014/0267103 A1	9/2014 Chaudhri
D918,244 S	5/2021	Chen et al.	2014/0282150 A1	9/2014 Wagner
D923,650 S *	6/2021	Kim D14/488	2014/0298233 A1	10/2014 Pettey et al.
D924,904 S *	7/2021	Cho D14/485	2014/0304616 A1	10/2014 Park et al.
D924,912 S *	7/2021	Broughton D14/486	2014/0351744 A1	11/2014 Jeon et al.
D929,433 S *	8/2021	Kim D14/486	2014/0359522 A1	12/2014 Kim et al.
D937,294 S *	11/2021	Sheen D14/486	2014/0362105 A1	12/2014 Kocienda et al.
D938,980 S *	12/2021	Braica D14/488	2014/0365919 A1	12/2014 Shaw et al.
D940,744 S *	1/2022	Sun D14/487	2015/0040069 A1	2/2015 Gunaratnam et al.
D941,324 S *	1/2022	Paul D14/486	2015/0074615 A1	3/2015 Han
2002/0175931 A1	11/2002	Holtz et al.	2015/0081291 A1	3/2015 Jeon
2003/0174177 A1	9/2003	Tsukuda et al.	2015/0082162 A1	3/2015 Cho
2004/0064510 A1	4/2004	Ooi et al.	2015/0116490 A1	4/2015 Scalisi
2005/0039140 A1	2/2005	Chen	2015/0148106 A1	5/2015 Choi et al.
			2015/0193090 A1	7/2015 Grover et al.
			2015/0199120 A1	7/2015 Kim et al.
			2015/0205453 A1	7/2015 Carlos et al.
			2015/0205509 A1	7/2015 Scriven

(56)

References Cited

U.S. PATENT DOCUMENTS

2015/0264169	A1	9/2015	Yim et al.	
2015/0331589	A1	11/2015	Kawakita	
2015/0348512	A1	12/2015	Sabatelli	
2015/0370529	A1	12/2015	Zambetti	
2016/0062572	A1	3/2016	Yang et al.	
2016/0188152	A1	6/2016	Chou et al.	
2016/0191793	A1	6/2016	Yang et al.	
2016/0205340	A1	7/2016	Jang et al.	
2016/0297545	A1	10/2016	Yang et al.	
2016/0357282	A1	12/2016	Block et al.	
2017/0034444	A1	2/2017	Song et al.	
2017/0041549	A1	2/2017	Kim et al.	
2017/0068419	A1	3/2017	Sundermeyer	
2019/0147026	A1*	5/2019	Jon	G06F 3/04883 715/230
2019/0215449	A1	7/2019	Chun et al.	
2020/0169660	A1*	5/2020	Kim	H04N 5/23212

FOREIGN PATENT DOCUMENTS

EM	001353593-0005	2/2013
EM	002148056-0008	5/2013
JP	D1189312	11/2003
JP	D1260508	1/2006
JP	D1279226	8/2006
JP	D1360014	5/2009

OTHER PUBLICATIONS

Calimlim, Aldrin, "Obscura offers thumb-friendly alternative to iOS Camera app," AppAdvice, dated Jun. 29, 2015. <<https://appadvice.com/appnn/2015/06/obscura-offers-thumb-friendly-alternative-to-ios-camera-app>>.

Chavanu, Bakari, "7 iPhone Apps for the Selfie Obsessed," MUO, dated Jul. 1, 2015. <<https://www.makeuseof.com/tag/7-iphone-apps-selfieobsessed/>>.

Eden, Ayisha, "The 7 best android selfie camera apps/makeup camera to take stunning selfie photos," Get Android Stuff, dated Sep. 10, 2016. <<https://getandroidstuff.com/best-makeup-selfie-camera-apps/>>.

HTC Touch Preview, dated Jun. 6, 2007. <<http://www.youtube.com/watch?v=Gj8PMcvYTZo>>.

iOS 7 Swipe Down Swipe Up, dated Sep. 21, 2013. <<https://www.youtube.com/watch?v=3hR28dJirWg>>.

Meizu M8 lijkt sprekend op iPhone, Hagen, Robert, Sep. 15, 2011. <<http://gadgetzone.nl/nieuws.php?id=3296>>.

Miller, Paul, "Keepin' it Real Fake, Part CCXI: Meili M8 is a Meizu Clone, Sans the Drama", dated May 18, 2009 <<http://www.engadget.com/topics/mobile/2009/05/18/keepin-it-real-fake-part-ccxi-meili-m8-is-a-meizu-clone-sans/>>.

Registered Trademark Serial No. 85572201, Apple Inc., filed Mar. 16, 2012 (priority filing date of Sep. 21, 2011).

Registered Trademark Serial No. 85581368, Apple Inc., filed Mar. 27, 2012 (priority filing date of Sep. 28, 2011).

Registered Trademark Serial No. 85860578, Apple Inc., Filed: Feb. 26, 2013 (priority filing date of Aug. 27, 2012).

Registered Trademark Serial No. 86080180, Owner: Apple Inc., Filed: Oct. 1, 2013, Published: Feb. 11, 2014, Use Date Jun. 10, 2013.

Registered Trademark Serial No. 85970994, Owner: Apple Inc., Filed: Jun. 26, 2013, Published: Nov. 26, 2013, Use Date Jun. 10, 2013.

Registered Trademark Serial No. 86001118, Apple Inc., filed Jul. 2, 2013 (priority filing date of Apr. 15, 2013).

Registered Trademark Serial No. 85970939, Apple Inc., filed Nov. 5, 2013 (priority filing date of Apr. 3, 2013).

Samsung F700, F520, f510, f500 and f300 Ultra Smart—Smartphones, Feb. 13, 2007. <<http://svartlinks.blogspot.com/2007/02/Samsung-f700-f520-f510-f500-andf300.html>>.

Samsung i900 Omnia, Jun. 2008, <http://www.gsmarena.com/samsung_i900_omnia-2422.php>.

Stopwatch & Countdown—Android Apps on Google Play, available at least as early as May 8, 2014, 2 pages. <<http://play.google.com/store/apps/details?id=it.pierluigi.vsimplestopwatch>>.

The 7 Best New Features in iOS 7, dated Sep. 18, 2013. <<http://www.pocketgamer.co.uk/r/iPhone/iOS+7/feature.asp?c=51529>>.

Using iPhone 5s Burst Mode, dated Oct. 18, 2013. <<http://macmost.com/using-iphone-5s-burst-mode.html>>.

U.S. Appl. No. 29/281,695, filed Jun. 28, 2007.

U.S. Appl. No. 29/432,432, filed Sep. 14, 2012.

Mayo, Benjamin. "How to use the new iPhone 11 Camera app," 9to5mac.com, dated Sep. 20, 2019. <<https://9to5mac.com/2019/09/20/iphone-11-camera-app/>>.

* cited by examiner

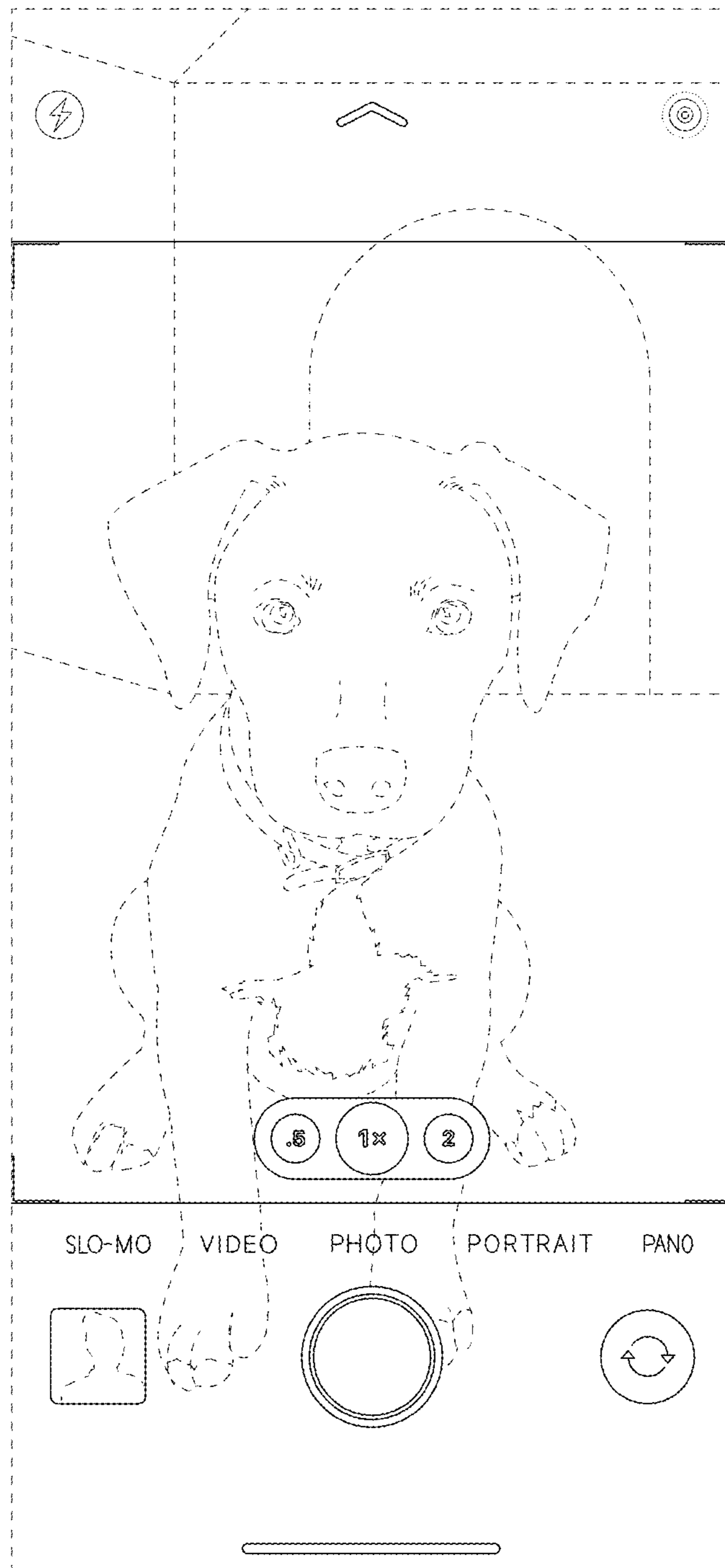


FIG. 1

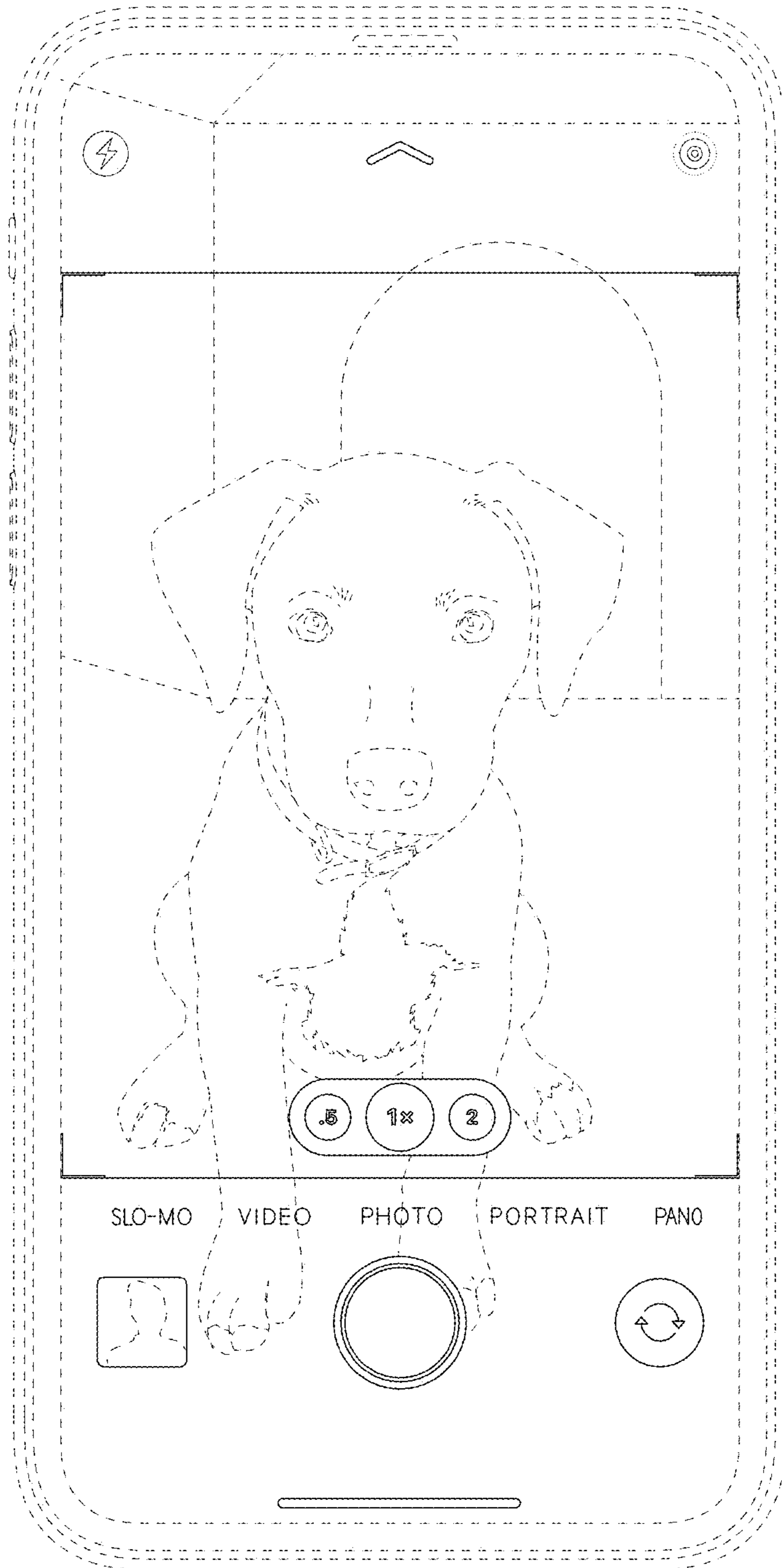


FIG. 2