US00D962269S

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

(10) **Patent No.: US D962,269 S**
(45) **Date of Patent: ** Aug. 30, 2022**

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

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

(72) Inventors: **Lee Broughton**, Santa Cruz, CA (US); **Pablo Caro**, San Francisco, CA (US); **Jae Woo Chang**, Cupertino, CA (US); **Robert Garcia, III**, San Francisco, CA (US); **Marcel van Os**, Santa Cruz, CA (US)

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

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

(21) Appl. No.: **29/726,320**

(22) Filed: **Mar. 2, 2020**

Related U.S. Application Data

(63) Continuation of application No. 29/650,076, filed on Jun. 4, 2018, now Pat. No. Des. 877,175.

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

(52) **U.S. Cl.**
USPC **D14/486**; D14/488

(58) **Field of Classification Search**
USPC D14/485–495
CPC B60K 37/00; G06F 8/20; G06F 3/048–04897; G06F 3/013; G06F 3/017; G06F 3/1446; G06F 3/165; G06F 3/1454; G06F 16/168; G06F 16/7335; G06F 2203/014; G06F 2206/1008; G06F
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,420,112 A 12/1983 Cline
4,610,392 A 9/1986 DaRosa
(Continued)

FOREIGN PATENT DOCUMENTS

KR 30-0589614 2/2011
KR 30-0652771 9/2014

OTHER PUBLICATIONS

Registered Trademark Serial No. 85971494, Apple Inc., Filing Date: Jun. 27, 2013, Priority Date: Apr. 15, 2013.
(Continued)

Primary Examiner — Cary M Robinson
(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a front view of a display screen or portion thereof with animated graphical user interface showing a first image of the claimed design;

FIG. **2** is a second image thereof; and

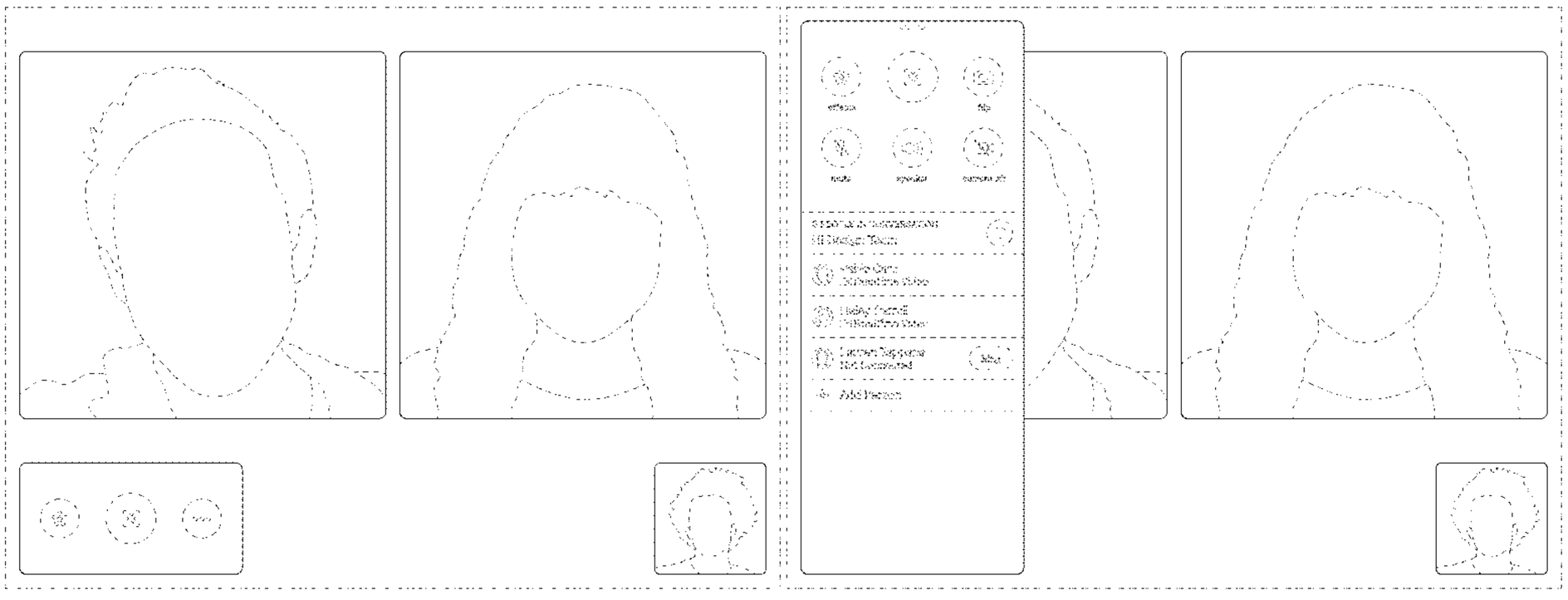
FIG. **3** is a third image thereof; and,

FIG. **4** is a front view of an electronic device having a display screen with the animated graphical user interface of FIG. **1** applied to the display screen. The animated graphical user interface designs of FIGS. **2** and **3** may be similarly applied thereto.

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 animated graphical user interface that form no part of the claimed design.

The appearance of the animated image sequentially transitions between the images shown in FIGS. **1-3**. The process or period in which one image transitions to another forms no part of the claimed design.

1 Claim, 4 Drawing Sheets



(58) **Field of Classification Search**
CPC . 2209/545; G06F 30/12; G06F 40/106; G06T 13/80; G06T 15/00; G06T 15/02; G06Q 10/10; G09F 9/3026; G09G 2300/023–026; G09G 2356/00; G09G 2360/04–06; G09G 2380/00; G09G 2370/16; H04M 1/6075; H04M 3/567; H04M 1/2477; H04M 1/26; H04L 51/04; H04L 12/1813; H04N 7/16; H04N 1/00408; H04N 9/3147
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,112,083	A	5/1992	Morrone
5,499,334	A	3/1996	Staab
5,677,708	A	10/1997	Matthews, III et al.
D395,297	S	6/1998	Cheng et al.
5,767,835	A	6/1998	Obbink et al.
D399,196	S	10/1998	Arora et al.
6,011,550	A	1/2000	Capps et al.
6,069,606	A	5/2000	Sciammarella et al.
D436,967	S	1/2001	Yasui et al.
D437,858	S	2/2001	Yasui et al.
6,217,443	B1	4/2001	Green, Jr.
6,289,361	B1	9/2001	Uchida
6,310,631	B1	10/2001	Cecco et al.
6,374,260	B1	4/2002	Hoffert et al.
D459,361	S	6/2002	Inagaki
D468,748	S	1/2003	Inagaki
D471,226	S	3/2003	Gray
6,577,330	B1	6/2003	Tsuda et al.
D478,090	S	8/2003	Nguyen et al.
6,678,891	B1	1/2004	Wilcox et al.
6,806,867	B1	10/2004	Arruda et al.
D500,765	S	1/2005	Wasko
6,897,880	B2	5/2005	Samra
D506,474	S	6/2005	Gildred
D510,581	S	10/2005	Robbin et al.
7,051,291	B2	5/2006	Sciammarella et al.
D532,015	S	11/2006	Lindsay et al.
D535,657	S	1/2007	Ording
7,159,189	B2	1/2007	Weingart et al.
7,170,510	B2	1/2007	Kawahara et al.
D544,871	S	6/2007	Lim et al.
D545,834	S	7/2007	Anthony et al.
D545,835	S	7/2007	Anthony et al.
D546,343	S	7/2007	Anthony et al.
D555,663	S	11/2007	Nagata et al.
D558,211	S	12/2007	Dongen
D559,855	S	1/2008	Sato et al.
D559,857	S	1/2008	Van Dongen
D559,858	S	1/2008	Gusmorino et al.
D563,424	S	3/2008	Gusmorino et al.
D568,892	S	5/2008	Stabb et al.
D569,871	S	5/2008	Anastasopoulos et al.
D569,872	S	5/2008	Suzuki
7,370,284	B2	5/2008	Andrea et al.
D570,358	S	6/2008	Anastasopoulos et al.
D571,819	S	6/2008	Scott et al.
D571,820	S	6/2008	Scott et al.
7,383,510	B2	6/2008	Pry
7,386,806	B2	6/2008	Wroblewski
D573,156	S	7/2008	Gusmorino et al.
D573,601	S	7/2008	Gregov et al.
D575,793	S	8/2008	Ording
D578,136	S	10/2008	Sayre
D579,020	S	10/2008	Aliaga
7,437,005	B2	10/2008	Drucker et al.
D582,930	S	12/2008	Blankenship et al.
7,480,873	B2	1/2009	Kawahara
D586,821	S	2/2009	Koh
7,512,902	B2	3/2009	Robertson et al.
D592,220	S	5/2009	Jasinski
D593,116	S	5/2009	Garcia et al.
7,536,654	B2	5/2009	Anthony et al.
D597,099	S	7/2009	Ording
D597,101	S	7/2009	Chaudhri et al.
D598,466	S	8/2009	Hirsch et al.
D598,928	S	8/2009	Hirsch et al.
7,574,666	B2	8/2009	Miyamoto
7,581,186	B2	8/2009	Dowdy et al.
D599,371	S	9/2009	Brown et al.
D599,806	S	9/2009	Brown et al.
7,587,683	B2	9/2009	Ito et al.
D603,415	S	11/2009	Lin et al.
D604,305	S	11/2009	Anzures et al.
D608,366	S	1/2010	Matas
D608,368	S	1/2010	Bamford
7,650,569	B1	1/2010	Allen et al.
D609,715	S	2/2010	Chaudhri
D609,717	S	2/2010	Yokouchi et al.
D611,053	S	3/2010	Kanga et al.
D611,484	S	3/2010	Mays et al.
D611,485	S	3/2010	Maras hi
D611,486	S	3/2010	Hirsch et al.
D612,391	S	3/2010	Fletcher et al.
D613,300	S	4/2010	Chaudhri
D614,664	S	4/2010	Barcheck et al.
D615,549	S	5/2010	Caine et al.
D615,989	S	5/2010	Chaudhri
D616,450	S	5/2010	Simons et al.
7,714,926	B2	5/2010	Kobayashi et al.
D617,333	S	6/2010	Scalisi et al.
D617,334	S	6/2010	Chaudhri
D617,339	S	6/2010	Ording et al.
D617,807	S	6/2010	Christie et al.
D617,808	S	6/2010	Thompson et al.
D619,146	S	7/2010	Flik et al.
D622,283	S	8/2010	Van Os
D623,057	S	9/2010	Kletz
D624,927	S	10/2010	Allen et al.
D624,932	S	10/2010	Chaudhri
D625,323	S	10/2010	Matsushima et al.
D627,365	S	11/2010	Brinda
D627,790	S	11/2010	Chaudhri
D628,210	S	11/2010	Luke et al.
7,839,385	B2	11/2010	Hunleth et al.
D628,582	S	12/2010	Kurozumi et al.
D633,918	S	3/2011	Vance et al.
D633,920	S	3/2011	Luke et al.
D634,753	S	3/2011	Loretan et al.
D636,400	S	4/2011	Vance et al.
D636,402	S	4/2011	Vance et al.
D636,785	S	4/2011	Brinda
D637,198	S	5/2011	Furuya et al.
D637,604	S	5/2011	Brinda
D637,606	S	5/2011	Luke et al.
D638,851	S	5/2011	Brinda
D644,649	S	9/2011	Fullington et al.
D645,472	S	9/2011	van Os
D645,872	S	9/2011	Smith
8,023,032	B2 *	9/2011	Yoshikawa G06V 40/16 382/282
D646,292	S	10/2011	Thai et al.
D646,694	S	10/2011	Thai et al.
D648,347	S	11/2011	Chauohri
D649,155	S	11/2011	van Os
D650,799	S	12/2011	Wantland et al.
D651,608	S	1/2012	Allen et al.
D651,609	S	1/2012	Pearson et al.
D653,260	S	1/2012	Vance et al.
8,112,718	B2	2/2012	Nezu et al.
D660,864	S	5/2012	Anzures et al.
D663,312	S	7/2012	David et al.
D663,313	S	7/2012	David et al.
D663,741	S	7/2012	Cielak et al.
D664,550	S *	7/2012	Lee D14/485
D664,561	S	7/2012	Gleasman et al.
8,214,739	B2	7/2012	Yoritate et al.
D664,974	S	8/2012	Gleasman et al.
D664,988	S	8/2012	Gleasman et al.
D666,209	S	8/2012	Cranfill
D666,212	S	8/2012	Coffman et al.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D667,020	S		9/2012	MacKenzie et al.
D667,834	S		9/2012	Coffman et al.
D668,262	S		10/2012	Gleasman et al.
D669,911	S		10/2012	Arnold et al.
D669,912	S		10/2012	Guss et al.
8,296,684	B2		10/2012	Duarte et al.
D670,725	S		11/2012	Mori et al.
D671,557	S		11/2012	Peters et al.
D681,044	S		4/2013	Sakata
D682,288	S		5/2013	Donahue et al.
D682,306	S		5/2013	Dijulio et al.
D682,307	S		5/2013	Donahue et al.
D682,842	S		5/2013	Kurata et al.
D683,345	S		5/2013	Akana et al.
D683,352	S		5/2013	Gam et al.
D686,221	S		7/2013	Brinda et al.
D686,237	S		7/2013	Alucema et al.
D686,635	S		7/2013	Cranfill
D687,446	S		8/2013	Arnold et al.
D688,676	S		8/2013	Okumura et al.
D688,690	S	*	8/2013	Garn D14/488
D688,694	S		8/2013	Simmons et al.
8,516,395	B2		8/2013	Braunstein et al.
D690,320	S		9/2013	Frijlink et al.
8,564,543	B2		10/2013	Chaudhri
8,566,722	B2		10/2013	Gordon et al.
D692,915	S		11/2013	Brinda et al.
D695,780	S		12/2013	Edwards et al.
8,601,510	B2		12/2013	Araki et al.
D697,520	S		1/2014	Dudey et al.
D698,360	S		1/2014	Hwang et al.
D698,813	S		2/2014	Brown
D700,205	S		2/2014	Hartley et al.
D701,228	S		3/2014	Lee
D701,234	S		3/2014	Cranfill et al.
D701,521	S		3/2014	Kim et al.
D701,527	S		3/2014	Brinda et al.
D701,872	S		4/2014	Liu et al.
D704,211	S		5/2014	Agnew et al.
D704,729	S		5/2014	Khanna
D705,248	S		5/2014	McCormack et al.
D706,803	S		6/2014	Rogowski et al.
D707,249	S		6/2014	Yamada
8,760,418	B2		6/2014	Miyazawa et al.
D711,416	S		8/2014	Francisco et al.
D711,906	S		8/2014	Francisco et al.
D711,907	S		8/2014	Sepulveda et al.
D711,915	S		8/2014	Wong
8,819,726	B2		8/2014	Wetzer et al.
D712,432	S		9/2014	Chaudhri
D712,914	S		9/2014	Lee et al.
D712,915	S		9/2014	Lee et al.
D712,916	S		9/2014	Lee et al.
D712,917	S		9/2014	Lee et al.
D713,413	S		9/2014	Lee et al.
D713,414	S		9/2014	Lee et al.
D713,415	S		9/2014	Lee et al.
D713,416	S		9/2014	Lee et al.
D715,315	S		10/2014	Wood
D715,316	S		10/2014	Hemeon et al.
D716,334	S		10/2014	Lee et al.
D716,338	S		10/2014	Lee
D716,339	S		10/2014	Lee
D716,825	S		11/2014	Bachman et al.
D717,312	S		11/2014	Matas et al.
D717,316	S		11/2014	Lee
D717,321	S		11/2014	Lee
D717,322	S		11/2014	Lee
D717,323	S		11/2014	Lee
D717,326	S		11/2014	Kim
8,878,879	B2		11/2014	Lee et al.
D718,780	S		12/2014	Rajaraman et al.
D718,781	S		12/2014	Arnold et al.
D719,188	S		12/2014	Anderson et al.
D720,764	S		1/2015	Lee
D721,717	S		1/2015	Endert
D721,721	S		1/2015	Seung-Hyuck
D721,722	S		1/2015	Lee
D722,608	S		2/2015	Donahue et al.
D723,044	S		2/2015	Park
D723,051	S		2/2015	Park
D724,609	S		3/2015	Myung et al.
D725,132	S		3/2015	Jou
D725,136	S		3/2015	Prajapati et al.
D725,666	S		3/2015	Tseng et al.
D725,668	S		3/2015	Clare et al.
D726,200	S		4/2015	Yang et al.
D726,751	S		4/2015	Angelides
D726,759	S		4/2015	Brinda et al.
9,052,925	B2		6/2015	Chaudhri
9,063,646	B2		6/2015	Ozawa et al.
D733,747	S		7/2015	Jeong et al.
9,076,085	B2		7/2015	Yamada
9,081,432	B2		7/2015	Kunioka et al.
D735,741	S		8/2015	Kim
D736,244	S		8/2015	Kang
D736,246	S		8/2015	Zhang et al.
D736,247	S		8/2015	Chen et al.
D736,248	S		8/2015	Chen et al.
D738,394	S		9/2015	Chaudhri et al.
9,146,671	B2		9/2015	Ishibashi
D741,342	S		10/2015	Dye et al.
9,182,890	B2		11/2015	Kang et al.
D746,831	S		1/2016	Chaudhri et al.
D746,858	S		1/2016	Vogt
D746,866	S		1/2016	Memoria et al.
D747,336	S		1/2016	Carrigan et al.
9,229,632	B2		1/2016	Walkin et al.
D748,653	S		2/2016	Moon et al.
D748,667	S		2/2016	Morishige et al.
D749,100	S		2/2016	Moon et al.
D749,622	S		2/2016	Chaudhri et al.
D751,572	S		3/2016	Lee et al.
9,274,807	B2		3/2016	Shiplacoff et al.
D756,396	S		5/2016	Anzures et al.
D757,760	S		5/2016	Ku et al.
D760,770	S		7/2016	Zhu
D762,671	S		8/2016	Chan et al.
D764,487	S		8/2016	Chaudhri et al.
D765,101	S		8/2016	Park et al.
D765,135	S	*	8/2016	Steg D14/488
D765,711	S		9/2016	Henderson et al.
D766,308	S		9/2016	Park et al.
D768,676	S	*	10/2016	Edwards D14/487
D769,306	S		10/2016	Bowen et al.
D769,892	S		10/2016	Anzures et al.
D771,118	S	*	11/2016	Yao D14/488
D771,656	S		11/2016	Cranfill et al.
D772,278	S		11/2016	Chaudhri et al.
D775,147	S		12/2016	Chaudhri
D776,132	S		1/2017	Steg
D781,328	S		3/2017	Fong et al.
D783,640	S		4/2017	Apodaca et al.
D783,670	S	*	4/2017	Gomez D14/488
D789,969	S		6/2017	Chaudhri et al.
D798,331	S		9/2017	Fong et al.
D798,899	S		10/2017	Wen et al.
D802,004	S		11/2017	Zhao et al.
D803,869	S		11/2017	Kuhn et al.
D804,521	S		12/2017	Deets
D805,529	S		12/2017	Hersh et al.
D808,401	S		1/2018	Chaudhri et al.
D814,507	S	*	4/2018	Lee D14/488
D817,972	S		5/2018	Karunamuni et al.
D835,664	S		12/2018	Chaudhri et al.
D836,648	S		12/2018	Butcher et al.
D842,330	S	*	3/2019	Yao D14/488
D860,233	S		9/2019	Chaudhri et al.
D872,098	S		1/2020	Chaudhri et al.
D877,175	S		3/2020	Caro et al.
D895,664	S	*	9/2020	Baber D14/488
D905,739	S	*	12/2020	Alonso Ruiz D14/488
D946,007	S	*	3/2022	Norman D14/485
2002/0113824	A1		8/2002	Myers, Jr.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2003/0164856	A1	9/2003	Prager et al.	
2003/0169298	A1	9/2003	Ording	
2004/0255254	A1	12/2004	Weingart et al.	
2005/0010876	A1	1/2005	Robertson et al.	
2005/0102610	A1	5/2005	Jie	
2006/0010395	A1	1/2006	Aaltonen	
2006/0013462	A1	1/2006	Sadikali	
2006/0161868	A1	7/2006	van Dok et al.	
2006/0173957	A1	8/2006	Robinson et al.	
2006/0200737	A1	9/2006	Nagatomo	
2007/0004451	A1	1/2007	Anderson	
2007/0067738	A1	3/2007	Flynt et al.	
2007/0139410	A1	6/2007	Abe et al.	
2007/0260994	A1*	11/2007	Sciammarella	H04N 21/4312 715/769
2007/0288860	A1	12/2007	Ording et al.	
2007/0296709	A1	12/2007	GuangHai	
2008/0024444	A1	1/2008	Abe et al.	
2008/0066016	A1	3/2008	Dowdy et al.	
2008/0094369	A1	4/2008	Ganatra et al.	
2008/0155475	A1	6/2008	Duhig	
2008/0189653	A1	8/2008	Taylor et al.	
2009/0002335	A1	1/2009	Chaudhri	
2009/0271723	A1	10/2009	Matsushima et al.	
2009/0295746	A1*	12/2009	Davidson	G06F 3/03545 345/173
2009/0313578	A1	12/2009	Roh et al.	
2010/0023398	A1	1/2010	Brown et al.	
2010/0095240	A1	4/2010	Shiplacoff et al.	
2010/0125786	A1	5/2010	Ozawa et al.	
2010/0146423	A1	6/2010	Duchene et al.	
2010/0211872	A1	8/2010	Rolston et al.	
2010/0277496	A1	11/2010	Kawanishi et al.	
2010/0325568	A1	12/2010	Pedersen et al.	
2011/0025711	A1	2/2011	Doi	
2011/0047512	A1	2/2011	Onogi et al.	
2011/0138320	A1	6/2011	Vronay et al.	
2012/0017147	A1	1/2012	Mark	
2012/0023441	A1	1/2012	Wu et al.	
2012/0075650	A1	3/2012	Tani et al.	
2012/0120316	A1	5/2012	Lee	
2012/0151415	A1	6/2012	Park et al.	
2012/0242692	A1	9/2012	Laubach	
2012/0272186	A1	10/2012	Kraut	
2012/0278725	A1	11/2012	Gordon et al.	
2012/0311498	A1	12/2012	Kluttz et al.	
2013/0036384	A1	2/2013	Murata	
2013/0063380	A1	3/2013	Wang et al.	
2013/0254717	A1	9/2013	Al-Ali et al.	
2014/0082497	A1	3/2014	Chalouhi et al.	
2014/0164941	A1	6/2014	Kim et al.	
2014/0229895	A1	8/2014	Noda et al.	
2014/0267103	A1	9/2014	Chaudhri	
2014/0282208	A1	9/2014	Chaudhri	
2014/0351752	A1	11/2014	Wu et al.	
2015/0062052	A1	3/2015	Bernstein et al.	
2015/0199112	A1	7/2015	Van Ryswyk et al.	
2016/0209939	A1	7/2016	Zambetti et al.	
2016/0370982	A1	12/2016	Penha et al.	
2020/0053283	A1*	2/2020	Li	H04N 5/23216

OTHER PUBLICATIONS

Menu animation (.gif) [online]. Dribbble, Dated Nov. 15, 2013 [retrieved on Dec. 27, 2017]. Retrieved from the Internet:<https://dribbble.com/shots/1312150-Menu-animation-gif>.

Shuffle interaction [online]. Dribbble, Dated Jul. 20, 2015 [retrieved on Dec. 27, 2017]. Retrieved from the lnternet:<https://dribbble.com/shots/2155638-Shuffle-interaction>.

Is it possible to create a scroll view with an animated page control in Swift? [online]. stackoverflow.com, Dated Feb. 2, 2017 [retrieved on Dec. 27, 2017]. Retrieved from the lnternet:<https://stackoverflow.com/questions/42003296/is-it-possible-to-create-a-scroll-view-with-an-animated-page-control-in-swift>.

Custom UIViewController Transitions: Getting Started[online]. raywenderlich.com, Dated Nov. 1, 2017 [retrieved on Dec. 27, 2017]. Retrieved from the Internet: <https://www.raywenderlich.com/170144/custom-uiviewcontroller-transitions-getting-started>.

Dissatisfaction Sows Innovation, http://web.archive.org/web/20050331055401/http://thetreehouseandthecave.blogspot.com/, Dated Dec. 29, 2004.

Cover Flow—A beautiful way to browse your MP3s, http://noise.typepad.com/noiseblog/2006/02/cover _flow_ the _ html, posted Feb. 5, 2006.

The Fliptych Interface, http://thetreehouseandthecave.blogspot.com/2006/08/fliptychinterface.html, posted Aug. 6, 2006.

CoverFlow, http://www.steelskies.com/coverflow, downloaded Jun. 15, 2006.

Del Strother, Jonathan, "Steel Skies," http://www.steelskies.com/, downloaded Jun. 15, 2006.

CoverFlow, http://www.steelskies.com/coverflow/dowload.php, downloaded Jun. 15, 2006.

Registered U.S. Trademark Serial No. 85019396, Apple Inc., First Use Date Jun. 29, 2007, Filed Apr. 21, 2010.

Registered U.S. Trademark Serial No. 85971520, Apple Inc., Priority Date Apr. 15, 2013, Filed Jun. 27, 2013.

JPO Document No. HB17013189, Stereo Review's Sound & Vision, p. 100, Dec. 2005.

* cited by examiner

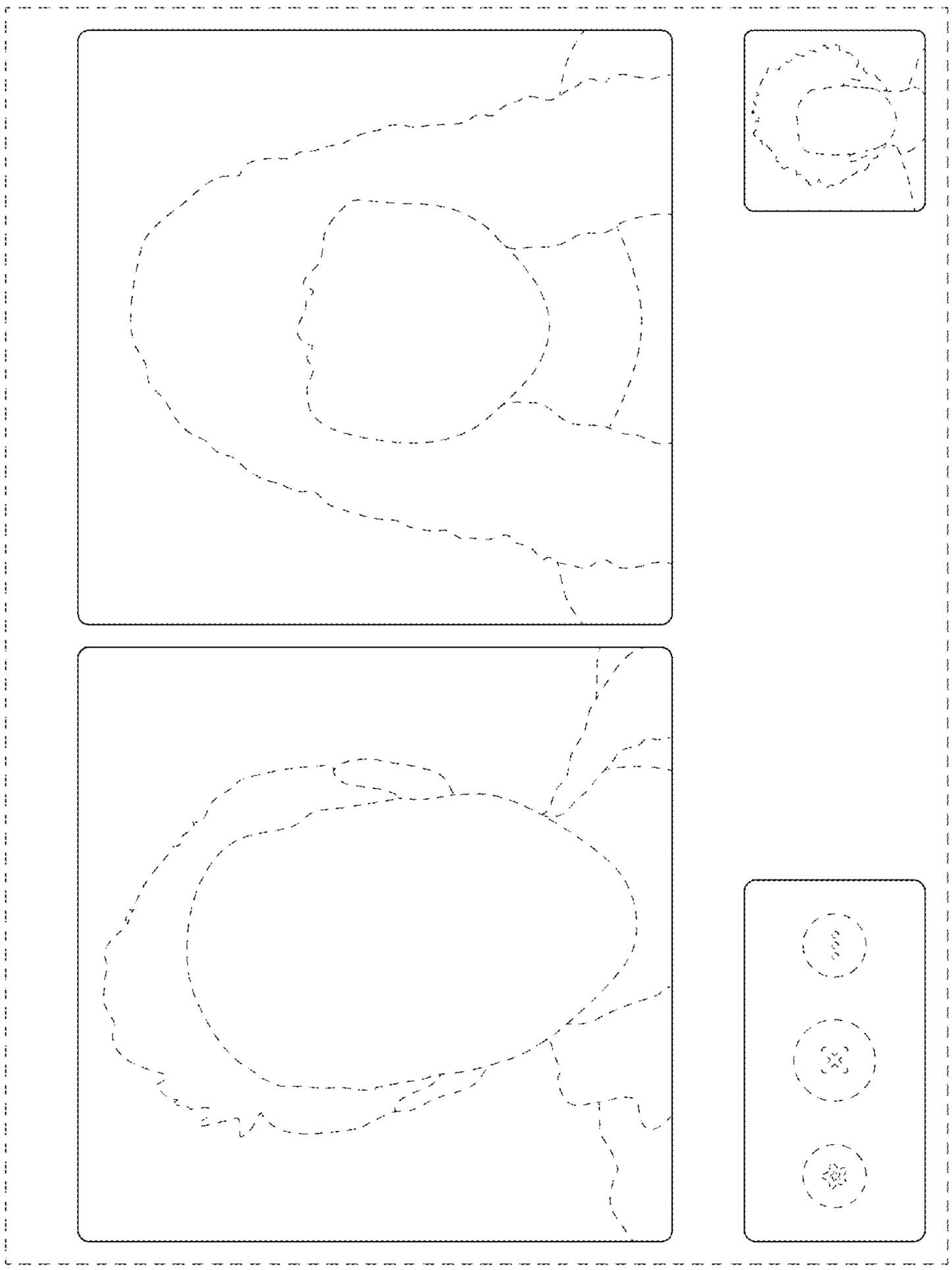


FIG. 1

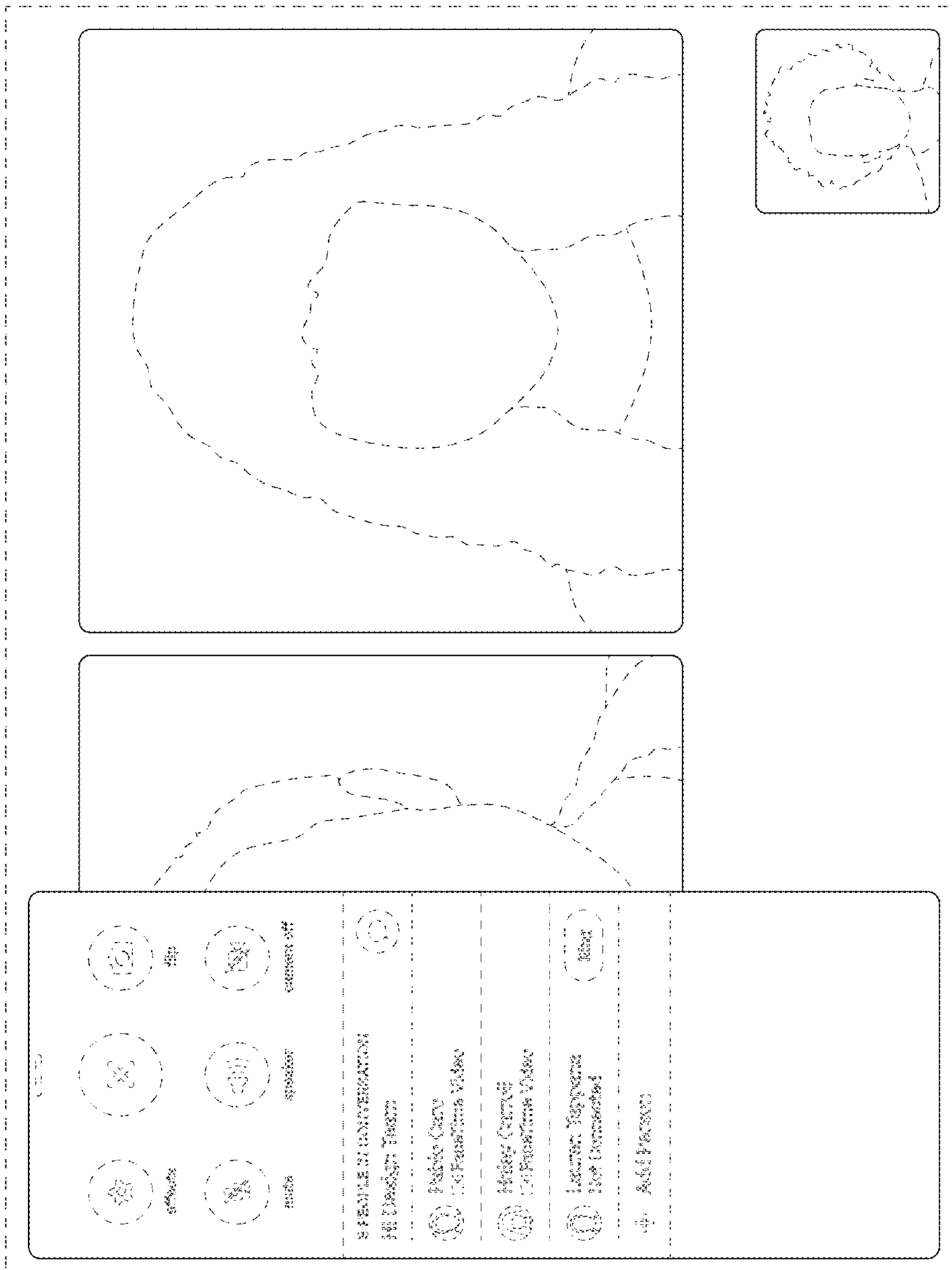


FIG. 2

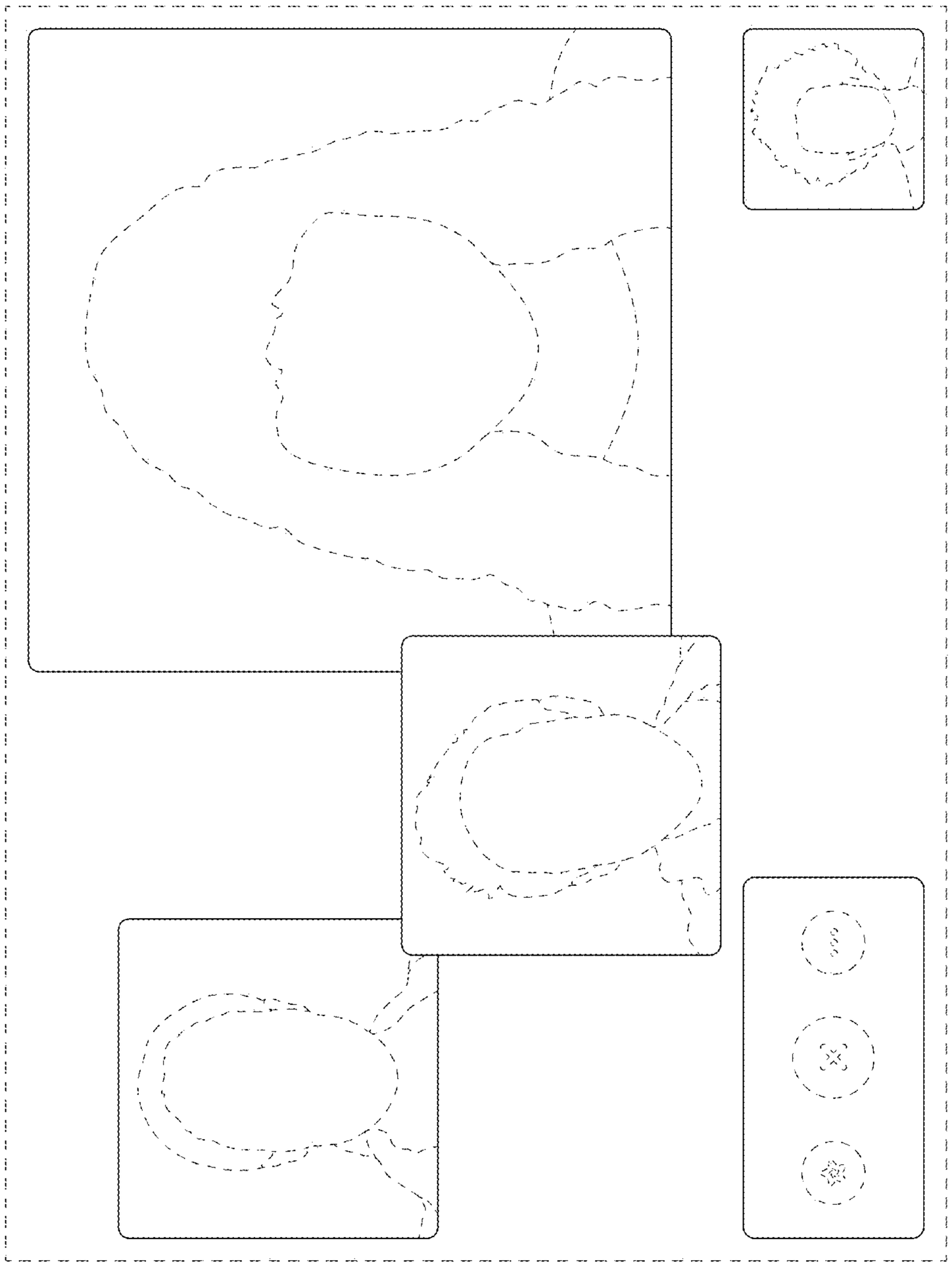


FIG. 3

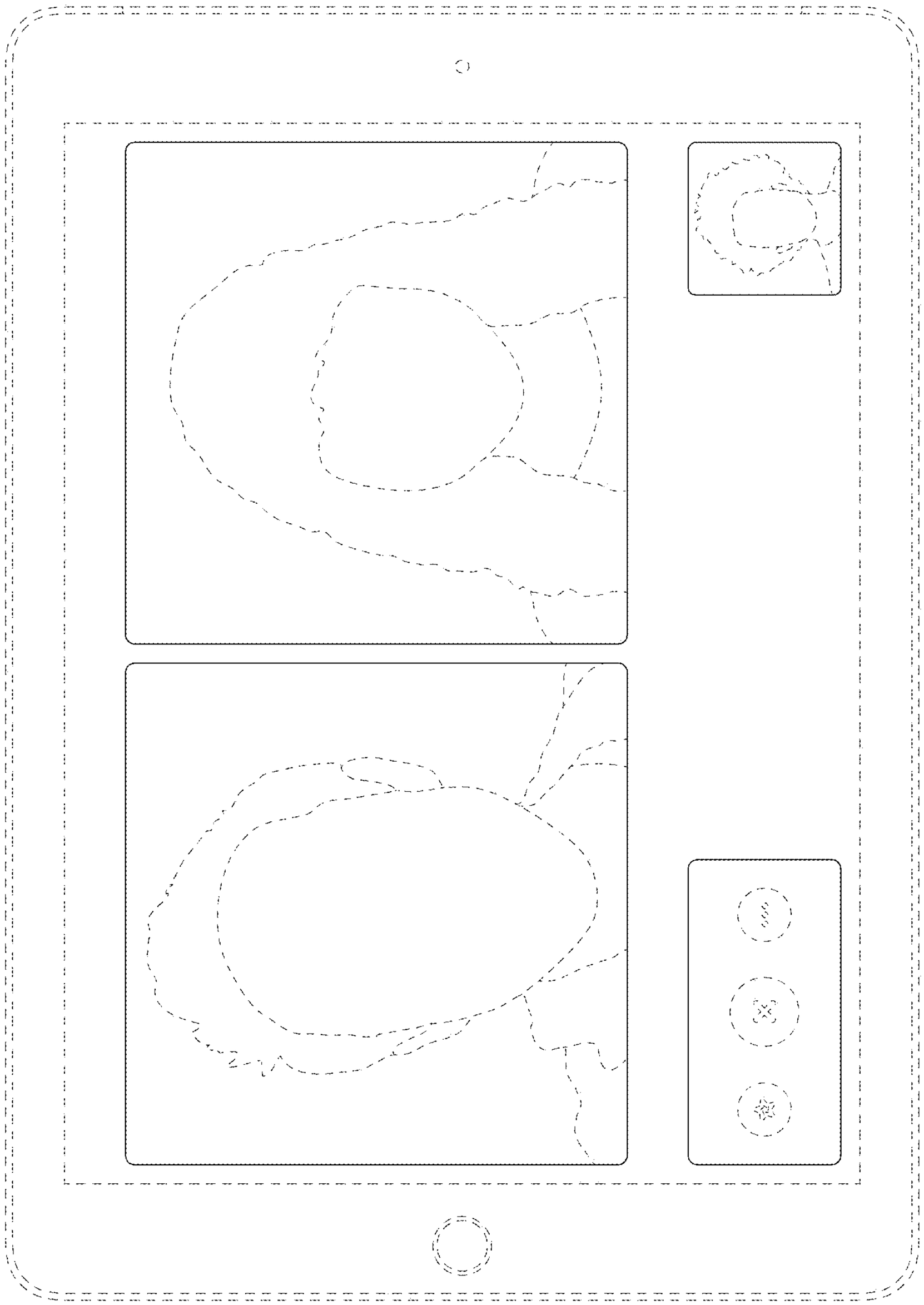


FIG. 4