



US00D921669S

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

(10) **Patent No.:** **US D921,669 S**

(45) **Date of Patent:** **\*\* Jun. 8, 2021**

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

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

(72) Inventors: **Taylor Gerard Carrigan**, San Francisco, CA (US); **Aled Williams**, San Francisco, CA (US)

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

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

(21) Appl. No.: **29/705,048**

(22) Filed: **Sep. 9, 2019**

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

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

(58) **Field of Classification Search**  
USPC ..... D14/485-495; D10/103, 30-39, 123, D10/125, 128  
CPC ..... G06F 3/048-04897  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,434,964 A	7/1995	Moss
5,664,099 A	9/1997	Ozzie et al.
D395,645 S	6/1998	Cappa
D396,457 S	7/1998	Cappa
D397,101 S	8/1998	Bier
D398,000 S	9/1998	Cappa
D438,873 S	3/2001	Wang et al.
6,289,361 B1	9/2001	Uchida
6,313,854 B1	11/2001	Gibson
D452,692 S	1/2002	Fukuda
D480,401 S	10/2003	Kahn et al.
6,857,106 B1	2/2005	Brouaux
D523,439 S	6/2006	Kuroda

D523,868 S	6/2006	Kuroda
D537,836 S	3/2007	Gusmorino et al.
D540,345 S	4/2007	Gusmorino et al.
D540,812 S	4/2007	Gusmorino et al.
D540,813 S	4/2007	Gusmorino et al.

(Continued)

**OTHER PUBLICATIONS**

How to Control the Transparency Feature on AirPods Pro, by Tim Hardwick, dated Oct. 30, 2019, macrumors.com [online]. Retrieved Dec. 19, 2020 from internet <URL:https://www.macrumors.com/how-to/control-transparency-airpods-pro/> (Year: 2019).\*

(Continued)

*Primary Examiner* — Karen E Kearney

*Assistant Examiner* — Andrew T Nemeth

(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 animated graphical user interface, as shown and described.

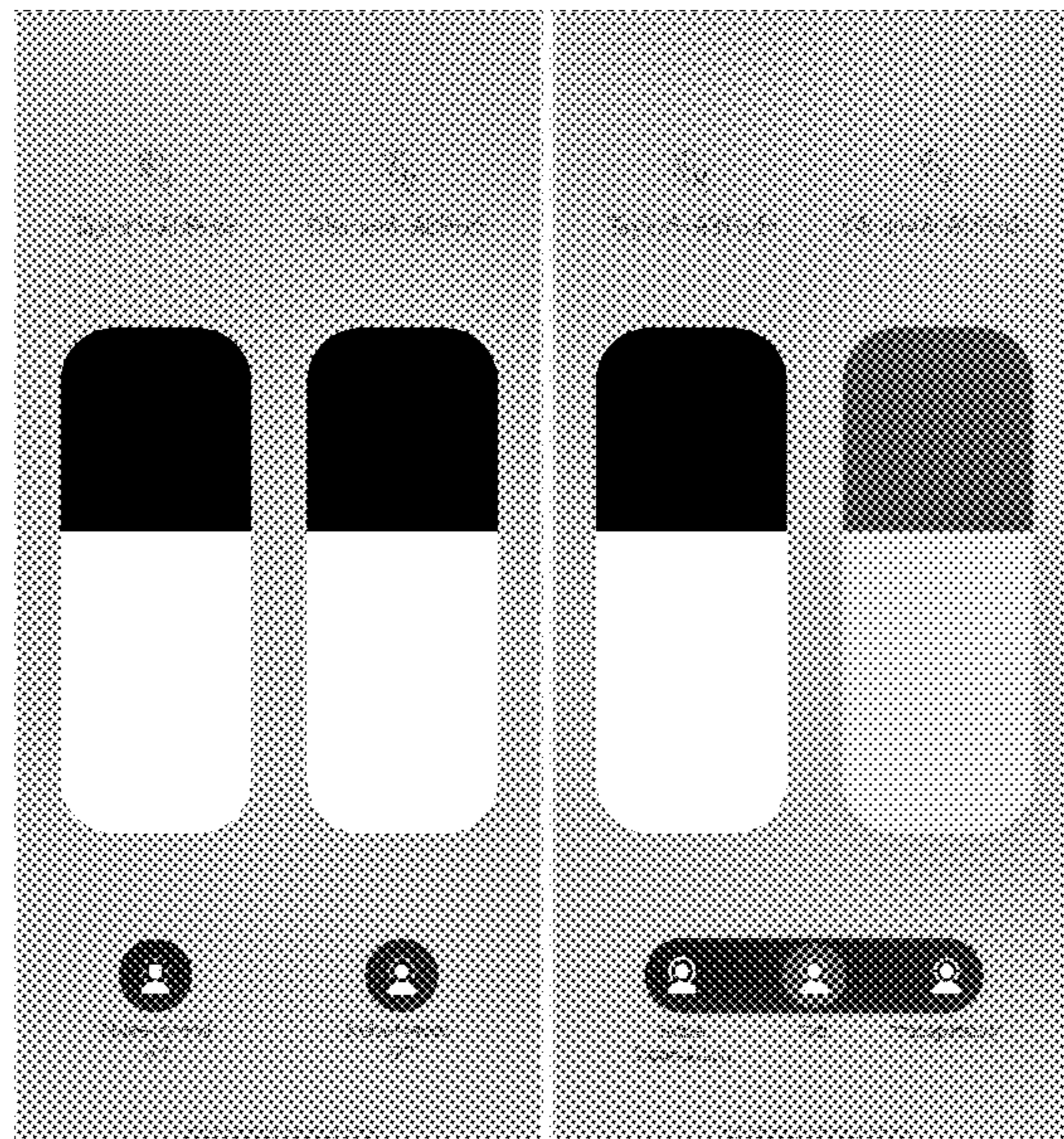
**DESCRIPTION**

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.

The outer 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 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, 3 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

D542,301 S	5/2007	Harvey	D682,870 S	5/2013	Roberts et al.
D560,228 S	1/2008	Andre et al.	D682,871 S	5/2013	Frijlink
D569,875 S	5/2008	Fletcher et al.	D682,872 S	5/2013	Frijlink
D572,227 S	7/2008	Yoon et al.	D684,183 S	6/2013	Soegiono et al.
D574,842 S	8/2008	Kwag et al.	D684,987 S	6/2013	Christie et al.
D578,643 S	10/2008	Shumer et al.	D685,814 S	7/2013	Bork et al.
7,479,949 B2	1/2009	Jobs et al.	D687,060 S	7/2013	Daniel
D594,015 S	6/2009	Singh et al.	D687,842 S	8/2013	Matas
D597,101 S	7/2009	Chaudhri et al.	D687,858 S	8/2013	Reeves et al.
D597,554 S	8/2009	Danton	D688,692 S	8/2013	Tanghe et al.
D599,362 S	9/2009	Danton	D689,889 S	9/2013	Frijlink
D602,945 S	10/2009	Watanabe et al.	D690,724 S	10/2013	Frijlink
D604,305 S	11/2009	Anzures et al.	D691,623 S	10/2013	Aroner et al.
D607,010 S	12/2009	Kocmick	D694,257 S	11/2013	McKinley et al.
D610,159 S	2/2010	Matheny et al.	D694,778 S	12/2013	Gyllensward
D611,056 S	3/2010	Langlois et al.	D695,759 S	12/2013	Tagliabue et al.
D617,334 S	6/2010	Chaudhri	D697,083 S	1/2014	Reeves et al.
D621,415 S	8/2010	Umezawa	D698,796 S	2/2014	Evans et al.
D624,556 S	9/2010	Chaudhri	D699,740 S	2/2014	Woo
D625,733 S	10/2010	Anzures	D701,216 S	3/2014	Noda et al.
D626,136 S	10/2010	Fujimura	D701,529 S	3/2014	Have et al.
D628,584 S	12/2010	Umezawa	D701,530 S	3/2014	Glaeske
7,864,163 B2	1/2011	Ording et al.	D701,531 S	3/2014	Santos et al.
D637,197 S	5/2011	Ray et al.	D701,532 S	3/2014	Carter et al.
D637,199 S	5/2011	Brinda et al.	D701,879 S	4/2014	Foit et al.
D638,442 S	5/2011	Christie et al.	D703,690 S	4/2014	MacCubbin et al.
D640,264 S	6/2011	Fujii	D704,212 S	5/2014	Dellinger
D640,273 S	6/2011	Arnold et al.	D706,293 S	6/2014	Bautista
D640,278 S	6/2011	Woo	D706,829 S	6/2014	Jones
D640,285 S	6/2011	Woo	D708,208 S	7/2014	Glaeske et al.
D641,763 S	7/2011	Jones	D708,209 S	7/2014	Glaeske et al.
D642,588 S	8/2011	Anzures	D709,086 S	7/2014	Baumann
D643,045 S	8/2011	Woo	D710,382 S	8/2014	Chaudhri
D644,239 S	8/2011	Anzures	D711,405 S	8/2014	Hurd et al.
D644,663 S	9/2011	Gardner et al.	D711,406 S	8/2014	Hurd et al.
8,028,249 B2	9/2011	Loui et al.	D711,896 S	8/2014	Hanson et al.
D647,128 S	10/2011	Lewis et al.	8,810,596 B2	8/2014	Ahmann et al.
D647,534 S	10/2011	Doll	D712,431 S	9/2014	Stroupe et al.
D648,343 S	11/2011	Chen	D712,915 S	9/2014	Lee et al.
D648,735 S	11/2011	Arnold et al.	D714,329 S	9/2014	Wood
D650,393 S	12/2011	Doll	D715,813 S	10/2014	Wood
D650,793 S	12/2011	Impas et al.	D715,821 S	10/2014	Varon et al.
D652,048 S	1/2012	Joseph	D716,330 S	10/2014	Chen et al.
D652,050 S	1/2012	Chaudhri	D716,340 S	10/2014	Bresin et al.
D659,158 S	5/2012	Clymer	8,866,343 B2	10/2014	Abraham et al.
D659,160 S	5/2012	Anzures et al.	D716,838 S	11/2014	Acker et al.
D660,316 S	5/2012	Marchetti	D718,330 S	11/2014	Shin et al.
D661,316 S	6/2012	Bechtold et al.	D719,585 S	12/2014	Chaudhri
D661,319 S	6/2012	Marchetti	8,961,414 B2	2/2015	Teller et al.
D667,451 S	9/2012	Wujcik	D724,618 S	3/2015	Shin
D668,665 S	10/2012	Chen et al.	D725,134 S	3/2015	Boettcher et al.
D671,133 S	11/2012	Woo	D726,748 S	4/2015	Maekawa
D671,550 S	11/2012	Chen et al.	D727,336 S	4/2015	Allison et al.
D671,554 S	11/2012	Woo	D727,960 S	4/2015	Chaudhri et al.
D671,555 S	11/2012	Woo	D727,961 S	4/2015	Zhou et al.
D671,556 S	11/2012	Barnett et al.	D729,270 S	5/2015	Clare
D673,577 S	1/2013	Cojuangco et al.	D729,275 S	5/2015	Kang
D674,401 S	1/2013	Trumble	D729,819 S	5/2015	Beaty
D674,812 S	1/2013	Joseph	D729,833 S	5/2015	Clare
D674,814 S	1/2013	Woo	D730,390 S	5/2015	Moon et al.
D675,220 S	1/2013	McManigal	D730,393 S	5/2015	Bray
8,345,048 B2	1/2013	Shimazawa et al.	D730,394 S	5/2015	Bray
D675,639 S	2/2013	Anzures	D731,523 S	6/2015	Frew et al.
D676,058 S	2/2013	Cranfill	D732,049 S	6/2015	Amin
D676,868 S	2/2013	Wagner	D733,727 S	7/2015	Cojuangco et al.
D677,275 S	3/2013	Wujcik	D734,346 S	7/2015	Choi et al.
D677,691 S	3/2013	Frijlink	D734,358 S	7/2015	Rehberg et al.
D678,302 S	3/2013	Trumble et al.	9,081,478 B2	7/2015	Pecorilli
D678,898 S	3/2013	Walsh et al.	D737,278 S	8/2015	Shin et al.
D679,730 S	4/2013	Tyler et al.	D737,852 S	9/2015	De La Rosa et al.
D680,125 S	4/2013	Chaudhri	D738,401 S	9/2015	Capela et al.
D682,298 S	5/2013	DiJulio et al.	D738,904 S	9/2015	Tyler et al.
D682,867 S	5/2013	Frijlink	D738,922 S	9/2015	Torres et al.
D682,868 S	5/2013	Frijlink	9,136,939 B2	9/2015	Galley et al.
D682,869 S	5/2013	Aroner et al.	D740,308 S	10/2015	Kim et al.
			D740,843 S	10/2015	Heeter et al.
			D740,853 S	10/2015	Kim et al.
			D741,352 S	10/2015	Chaudhri et al.
			9,153,078 B2	10/2015	Fish et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

9,164,656 B1	10/2015	Keller		D772,925 S	11/2016	Zhou et al.	
D743,433 S	11/2015	Herold et al.		D773,494 S	12/2016	Dias et al.	
D743,971 S	11/2015	Bickel et al.		D773,503 S	12/2016	Kim	
9,176,647 B2	11/2015	Pretti et al.		D775,144 S	12/2016	Vazquez	
9,195,378 B2	11/2015	Kumagai et al.		D775,664 S	1/2017	Dye et al.	
D744,520 S	12/2015	McLaughlin et al.		D776,124 S	1/2017	Lee et al.	
D745,050 S	12/2015	Kwon		D778,927 S	2/2017	Bertnick et al.	
D745,895 S	12/2015	Clare et al.		D780,802 S	3/2017	Anzures et al.	
D746,295 S	12/2015	Arai et al.		D781,879 S	3/2017	Butcher et al.	
D746,328 S	12/2015	Kim		D781,908 S	3/2017	Bhandari et al.	
9,207,830 B2	12/2015	Papa et al.		D785,045 S	4/2017	Coffman et al.	
D746,848 S	1/2016	Bovet et al.		D785,672 S	5/2017	Keim et al.	
D746,849 S	1/2016	Anzures et al.		D786,276 S	5/2017	Kim et al.	
D746,867 S	1/2016	Torres et al.		D786,896 S	5/2017	Kim et al.	
D748,116 S	1/2016	Akana et al.		D786,921 S	5/2017	Akana et al.	
9,229,927 B2	1/2016	Wolfram et al.		D788,161 S	5/2017	Bauer et al.	
9,235,312 B2	1/2016	Dura et al.		D788,794 S	6/2017	Sabatelli et al.	
D749,097 S	2/2016	Zou et al.		D789,398 S	6/2017	Akana et al.	
D749,129 S	2/2016	Gold et al.		D789,402 S	6/2017	Dye et al.	
D749,130 S	2/2016	Peschan		D789,419 S	6/2017	Chaudhri et al.	
D749,131 S	2/2016	Peschan		D790,565 S	6/2017	Phelps et al.	
D749,626 S	2/2016	Park et al.		D790,594 S	6/2017	Capela et al.	
D750,098 S *	2/2016	Song .....	D14/485	D791,143 S	7/2017	Chaudhri et al.	
D750,128 S	2/2016	Capela et al.		D791,175 S	7/2017	Hall	
D752,072 S	3/2016	Song		D791,786 S	7/2017	Chaudhri	
D752,089 S	3/2016	Cru et al.		D792,427 S	7/2017	Weaver et al.	
D752,094 S	3/2016	Cornwell et al.		D792,892 S	7/2017	Weaver et al.	
D752,104 S	3/2016	Lee et al.		D794,669 S	8/2017	Baker et al.	
D752,621 S	3/2016	Cojuangco et al.		D796,535 S	9/2017	Gaur et al.	
D753,139 S	4/2016	Bovet		D797,115 S	9/2017	Guinness et al.	
D753,173 S	4/2016	Cojuangco et al.		D798,333 S	9/2017	Dascola et al.	
D753,685 S	4/2016	Zimmerman et al.		D798,334 S *	9/2017	Dye .....	D14/489
D753,697 S	4/2016	Dye et al.		D799,530 S	10/2017	Wu et al.	
D754,174 S	4/2016	Kim		D800,744 S	10/2017	Jitkoff et al.	
D754,714 S	4/2016	Zhang et al.		D801,996 S *	11/2017	Yang .....	D14/486
D754,728 S	4/2016	Akana et al.		D805,089 S	12/2017	Lemay et al.	
D754,747 S	4/2016	Jou		D805,555 S	12/2017	Jansen et al.	
D755,196 S	5/2016	Meyers et al.		D806,128 S	12/2017	Capela et al.	
D755,830 S	5/2016	Chaudhri et al.		D808,398 S	1/2018	Beaty et al.	
D756,373 S	5/2016	Raskin et al.		D809,545 S	2/2018	Ban et al.	
D756,379 S	5/2016	Apodaca et al.		D809,552 S	2/2018	Dye et al.	
D756,391 S	5/2016	Kouvas et al.		D809,563 S	2/2018	Chaudhri et al.	
D757,027 S	5/2016	Gordon et al.		D810,107 S	2/2018	Tuthill et al.	
D757,071 S	5/2016	Kouvas et al.		D813,893 S	3/2018	Tuthill et al.	
D757,073 S	5/2016	Kim		D813,900 S *	3/2018	Karunamuni .....	D14/487
D757,116 S	5/2016	Capela et al.		D814,483 S	4/2018	Gavaskar et al.	
9,351,684 B1	5/2016	Ahmad et al.		D819,656 S	6/2018	Edman	
D758,434 S	6/2016	Lee et al.		D820,290 S	6/2018	Laing et al.	
D759,073 S	6/2016	Winklevoss		D822,706 S	7/2018	Butcher et al.	
D759,076 S	6/2016	Bain		D824,420 S	7/2018	Dellinger	
D759,664 S	6/2016	Sonoda		D825,596 S	8/2018	Cannata	
D759,723 S	6/2016	Butcher et al.		D829,754 S	10/2018	Chauhan et al.	
D760,747 S	7/2016	Gehiere et al.		D831,039 S *	10/2018	Amini .....	D14/485
D760,765 S	7/2016	Kim et al.		D831,053 S *	10/2018	Guo .....	D14/486
D763,267 S	8/2016	Brunner et al.		D831,860 S	10/2018	Clymer et al.	
D763,277 S	8/2016	Ahmed et al.		D833,461 S	11/2018	Dieken et al.	
D763,896 S	8/2016	Chaudhri		D834,062 S	11/2018	Wall et al.	
D764,520 S *	8/2016	Lee .....	D14/488	D835,670 S *	12/2018	Hong .....	D14/492
D765,093 S	8/2016	Sonoda et al.		D841,023 S	2/2019	Millett	
D766,316 S	9/2016	Lee et al.		D844,663 S *	4/2019	Ryono .....	D14/489
D766,916 S	9/2016	Bertnick et al.		D845,325 S	4/2019	Akana et al.	
D766,956 S	9/2016	Eder		D850,474 S *	6/2019	Karunamuni .....	D14/485
D767,595 S	9/2016	Chaudhri et al.		D853,416 S	7/2019	Ryan et al.	
D767,608 S	9/2016	Evans et al.		D853,430 S	7/2019	Amini et al.	
D768,144 S	10/2016	Kim et al.		D860,231 S	9/2019	Hussain	
D768,177 S *	10/2016	Han .....	D14/486	D861,013 S	9/2019	Chang	
D769,265 S	10/2016	Gomez		D868,105 S	11/2019	Bachman et al.	
D769,910 S	10/2016	Apodaca et al.		D875,770 S	2/2020	Amini et al.	
D769,927 S	10/2016	Kim et al.		D876,464 S	2/2020	Butcher et al.	
D770,476 S	11/2016	Jitkoff et al.		D881,210 S *	4/2020	Anzures .....	D14/486
D770,514 S	11/2016	Bae et al.		D884,730 S	5/2020	Lemay et al.	
D771,109 S	11/2016	Broughton et al.		D889,483 S *	7/2020	Amini .....	D14/485
D771,670 S	11/2016	Chan et al.		D889,484 S *	7/2020	Amini .....	D14/485
D772,266 S	11/2016	Eder		D890,189 S *	7/2020	Shacham .....	D14/485
D772,922 S	11/2016	Lee et al.		D892,138 S *	8/2020	Braica .....	D14/485
				10,779,085 B1 *	9/2020	Carrigan .....	H04R 5/04
				2006/0015819 A1	1/2006	Hawkins et al.	
				2006/0168539 A1	7/2006	Hawkins et al.	
				2006/0277469 A1	12/2006	Chaudhri et al.	

(56)

## References Cited

## U.S. PATENT DOCUMENTS

2008/0168395	A1	7/2008	Ording	
2009/0153288	A1	6/2009	Hope et al.	
2009/0260022	A1	10/2009	Louch et al.	
2009/0300174	A1	12/2009	Floris et al.	
2010/0005411	A1	1/2010	Duncker et al.	
2010/0328224	A1	12/2010	Kerr et al.	
2011/0197157	A1	8/2011	Hoffman et al.	
2011/0275940	A1	11/2011	Nims et al.	
2012/0150888	A1	6/2012	Hyatt et al.	
2012/0260208	A1	10/2012	Jung	
2012/0323496	A1	12/2012	Burroughs et al.	
2013/0014010	A1	1/2013	Ziegler	
2013/0036380	A1	2/2013	Symons	
2013/0332856	A1	12/2013	Sanders	
2014/0075380	A1	3/2014	Milrud et al.	
2014/0173519	A1	6/2014	Sassi	
2014/0223329	A1	8/2014	Falaki	
2014/0245171	A1	8/2014	Jaycobs et al.	
2014/0283142	A1	9/2014	Shepherd et al.	
2014/0317546	A1	10/2014	Jacobson et al.	
2014/0344294	A1	11/2014	Skeen	
2015/0213211	A1	7/2015	Zaleski	
2015/0242997	A1	8/2015	Sun et al.	
2016/0005128	A1	1/2016	White et al.	
2016/0013040	A1	1/2016	Verenchikov	
2016/0014069	A1	1/2016	Carter	
2016/0014437	A1	1/2016	Perlman et al.	
2016/0014584	A1	1/2016	Webb	
2016/0014613	A1	1/2016	Ponnampalam et al.	
2016/0014677	A1	1/2016	Chen	
2016/0019352	A1	1/2016	Cohen et al.	
2016/0103918	A1	4/2016	Alekseyev et al.	
2016/0117772	A1	4/2016	Zhang	
2016/0161960	A1	6/2016	Yamada et al.	
2017/0046024	A1*	2/2017	Dascola	G06F 3/016
2017/0046025	A1	2/2017	Dascola et al.	
2017/0357434	A1*	12/2017	Coffman	H05B 47/19
2018/0335921	A1*	11/2018	Karunamuni	G06F 3/0488
2018/0335939	A1*	11/2018	Karunamuni	G06F 8/38
2019/0342252	A1*	11/2019	Dascola	H04M 1/72597

## OTHER PUBLICATIONS

How to share audio with AirPods or other wireless headphones from iPhone or iPad, by Christian Zibreg, dated Dec. 18, 2019, idownloadblog.com [online]. Retrieved Dec. 19, 2020 from internet <URL:https://www.idownloadblog.com/2019/12/18/share-audio-iphone-tutorial/> (Year: 2019).\*

Apple Releases ‘Beats Pill+’ App for Controlling Beats Pill+ Speaker on iOS and Android. MacRumors, dated Thursday Oct. 29, 2015, <http://www.macrumors.com/2015/10/29/beats-pillapp-for-ios-and-android/>.

Apple Announces Beats Pill+ Speaker Available in November for \$229. MacRumors, dated Oct. 7, 2015, <http://www.macrumors.com/2015/10/07/apple-debuts-beats-pill-plus-speaker/>.

Beats Pill+ speaker shows the Apple flag with a Lightning port. Mashable, dated Oct. 7, 2015, <http://mashable.com/2015/10/07/beats-pill-plus/#Zet4bKQeUqql>.

This is the Pill+, Beats’ first speaker since joining Apple. Engadget, dated Oct. 7, 2015, [http://www.engadget.com/2015/10/07/\\_beats-pill-plus-bluetooth-speaker/](http://www.engadget.com/2015/10/07/_beats-pill-plus-bluetooth-speaker/).

Website graphics. Dribbble, dated Jan. 15, 2013, <https://dribbble.com/shots/896113-Website-graphics>.

Bellycons. Dribbble, dated Apr. 2, 2013, <https://dribbble.com/shots/1011361-Bellycons>.

Three Things. Dribbble, dated Aug. 23, 2012, <https://dribbble.com/shots/699738-Three-Things>.

Freebie I Three Social Icons. Dribbble, dated Jun 11, 2013, <https://dribbble.com/shots/1110222-Freebie-Three-Social-Icons>.

Logiclounge, “Windows 8 Metro Settings Overview” dated Jun. 4, 2012, <https://youtube/SCSS9WaDNac?t=311>.

MhlEngineering, “Xcode: Programming an On/Off Switch” dated Sep. 25, 2011, <https://youtube/QEZpfqKD3UA?t=408>.

Matsuda, So, “Custom ToggleView for iOS” dated Jan. 6, 2013, Cocoa Controls, <https://www.cocoacontrols.com/posts/2013/01/06/weekly-roundup-69>.

“Configuring ToggleSwitch” dated Oct. 13, 2012, Infragistics, [http://help.infragistics.com/Help/Doc/jQuery/2013.1/CLR4.0/html/ToggleSwitch\\_Configuring.html](http://help.infragistics.com/Help/Doc/jQuery/2013.1/CLR4.0/html/ToggleSwitch_Configuring.html).

Jacobs, Larry, “45+ Cool PSD Toggle Switches” dated Mar. 27, 2013, Creative Can, <http://jcreativecan.com/2013/03/psd-toggle-switches/>.

Dime, Apr. 13, 2012, No. 7, p. 36, Japanese Patent Office Design Division Publicly Known Documents No. HA24001750.

Long, Jason, “Toggle Switches” dated May 22, 2012, ui parade, <https://web.archive.org/web/20120522185054/http://www.uiparade.com/portfolio/toggle-switches/>.

Clark, Orman, “Clean Switches” dated May 22, 2012, ui parade, <https://web.archive.org/web/20120522191024/http://www.uiparade.com/portfolio/clean-switches/>.

Cazoobi, “Clean Switch” dated May 22, 2012, ui parade, <https://web.archive.org/web/20120522184247/http://www.A38uiparade.com/portfolio/clean+A38-switch/>.

Tagged: Toggle, dated Oct. 23, 2012, Freebies Gallery, <http://www.freebiesgallery.com/tag/toggle>.

Apple Inc., “iOS Human Interface Guidelines,” p. 19, dated May 1, 2013.

Apple Watch Coming in 2015 for \$349, Brings Sapphire Screen, Digital Crown, More, by Boxall, digitaltrends.com, dated Sep. 9, 2014, <https://www.digitaltrends.com/mobile/apple-watch-release-news/>.

Player Bar, by Kudinov, dribbble.com, dated Apr. 21, 2012, <https://dribbble.com/shots/529707-Player-Bar>.

Trademark Registration Serial No. 85183465, Oct. 6, 2010 (first use date), The Battery Center, Inc.

Trademark Serial No. 85860578, filed Feb. 26, 2013, priority date Aug. 27, 2012, Apple Inc.

Hands-on with Theater Mode in watchOS 3.2, by MacRumors, dated Mar. 27, 2017, <https://www.youtube.com/watch?v=5DK19xwvF7E>.

freeCodeCamp—Build a Random Quote Machine, by Rizzi, codepen.io, dated May 17, 2017, <https://codepen.io/FabrizioRizzi/pen/zwZwpp>.

Vertical Bar Screen Wash for Panasonic Plasma, by MrGalaxxxxxy, dated Oct. 6, 2013, <https://www.youtube.com/watch?v=yXXxgDdCsGs>.

[App] [Share] Xposed Framework, Motorola Moto E, dated Jun. 30, 2014, xda-developers.com, <https://forum.xda-developers.com/showthread.php?t=2800312>.

Patni, Maitreya, “Android 5.0 Lollipop for Micromax Unite 2 A106 (Dark-L ROM).” dated Dec. 29, 2014, Broodle.com, <https://thebroodle.com/micromax/a106/android-5-0-lollipop-micromax-unite-2-a106-dark-l-rom/>.

9To5Mac.com, “This is Healthbook, Apple’s major first step into health & fitness tracking,” dated Mar. 17, 2014, 9 pages. <http://9to5mac.com/2014/03/17/this-is-healthbook-apples-first-major-step-into-health-fitness-tracking/>.

An Apple App a Day Keeps the Doctor Away, Posted at BusterCreative.com, available at least as early as filubg date of this application, <http://www.bustercreative.com/an-apple-app-a-day-keeps-the-doctor-away/>.

Apple Releases iOS 8 beta 3, Posted at LinkedIn.com by Todd Riddle, dated Jul. 15, 2014, <https://www.linkedin.com/pulse/20140715074839-281448874-apple-releases-ios-8-beta-3-more-cheers-for-health-app>.

Bussolini, Bradley. “Results.” dribbble.com, dated Sep. 23, 2015, <https://dribbble.com/shots/2257971-Results>.

Caldwell, Serenity, “How to view your past Activity rings . . .” imore.com, dated Sep. 20, 2017, <https://www.imore.com/how-view-your-past-activity-rings-and-workouts-activity-iphone>.

Horowitz, Paul. “How to Measure Heart Rate with Apple Watch.” osxdaily.com, dated Jun. 24, 2015, <http://osxdaily.com/2015/06/24/measure-heart-rate-apple-watch/>.

(56)

**References Cited**

## OTHER PUBLICATIONS

Katro, Vasjen. "UI Haus mobile graph kit." dribbble.com, dated Apr. 23, 2015, <https://dribbble.com/shots/2033194-UI-Hausmobile-graph-kit>.

McElheam, Kirk. "Opinion: Apple's Health app really needs a redesign," macworld.com, dated Mar. 13, 2015, <https://www.macworld.com/article/2896397/opinion-apples-health-app-really-needs-a-redesign.html>.

Registered Trademark Serial No. 85020020, Apple Inc., filed Apr. 21, 2010; first use date: Jun. 29, 2007.

Registered Trademark Serial No. 85971631, Apple Inc., filed Jun. 27, 2013; priority date: May 21, 2013.

Registered Trademark Serial No. 86527513, Apple Inc., filed Feb. 6, 2015; priority date: Sep. 8, 2014.

Sambora, Michael. "Sleep Stats," dribbble.com, dated Feb. 24, 2014, <https://dribbble.com/shots/1436299-Sleep-Stats>.

Hawley Dunbar. Tech Aid: Top Health & Fitness Apps for 2015, SideWalkHustle.com, dated Jan. 12, 2015, <http://sidewalkhustle.com/tech-aid-top-health-fitness-apps-for-2015/>.

Thong, Alvin. "Graph Concept," dribbble.com, dated Apr. 30, 2014, <https://dribbble.com/shots/1531648-Graph-Concept>.

"Tips to Increase Accuracy of Heart Rate Monitor on Apple Watch," osxdaily.com, dated Nov. 16, 2016, <http://osxdaily.com/2016/11/16/tips-increase-accuracy-of-heart-rate-monitor-on-apple-watch/>.

TrustedReviews.com, "iOS 8 screenshot leaks, teases Healthbook and Preview apps," dated Mar. 13, 2014, 1 page, <http://www.trustedreviews.com/news/ios-8-screenshot-leaks-teases-healthbook-and-preview-apps>.

Viticci, Federico. "iOS 8.2 and Health Follow-Up," macstories.net, dated Mar. 16, 2015, <https://www.macstories.net/ios/ios-8-2-and-health-follow-up/>.

Welcome to Tiger: Find out what you can do with Mac OS X v1 0.4, Apple Computer, Inc., 2005, 32 pages.

Clover, Juli. What's New in iOS 9.3, Posted at Macmmors.com by Juli Clover, dated Jan. 11, 2016, <http://www.macmmors.com/2016/01/11/whats-new-in-ios-9-3/>.

Wiltz, Chris. "Leak Reveals Apple's Healthbook App for mHealth," Medical Device and Diagnostic Industry, dated Mar. 17, 2014, <http://www.mddlonline.com/blog/devicetalk/leak-revealsapples-healthbook-appmhealth?cid=nl.mddiO1>.

Jacobs, Larry. "45+ Cool PSD Toggle Switches," dated Mar. 27, 2013, Creative Can, <http://creativecan.com/2013/03/psd-toggle-switches/>.

Cazoobi, "Clean Switch," dated May 22, 2012, ui parade, <https://web.archive.org/web/20120522184247/http://www.uiparade.com/portfolio/clean-switch/>.

Benjamin, Jeff. "iOS 10: How to use the new Home app to control HomeKit devices," dated Sep. 23, 2016, 9 to 5 Mac, <https://9to5mac.com/2016/09/23/ios-10-how-to-use-new-home-app-control-homekit-devices-video/>.

\* cited by examiner

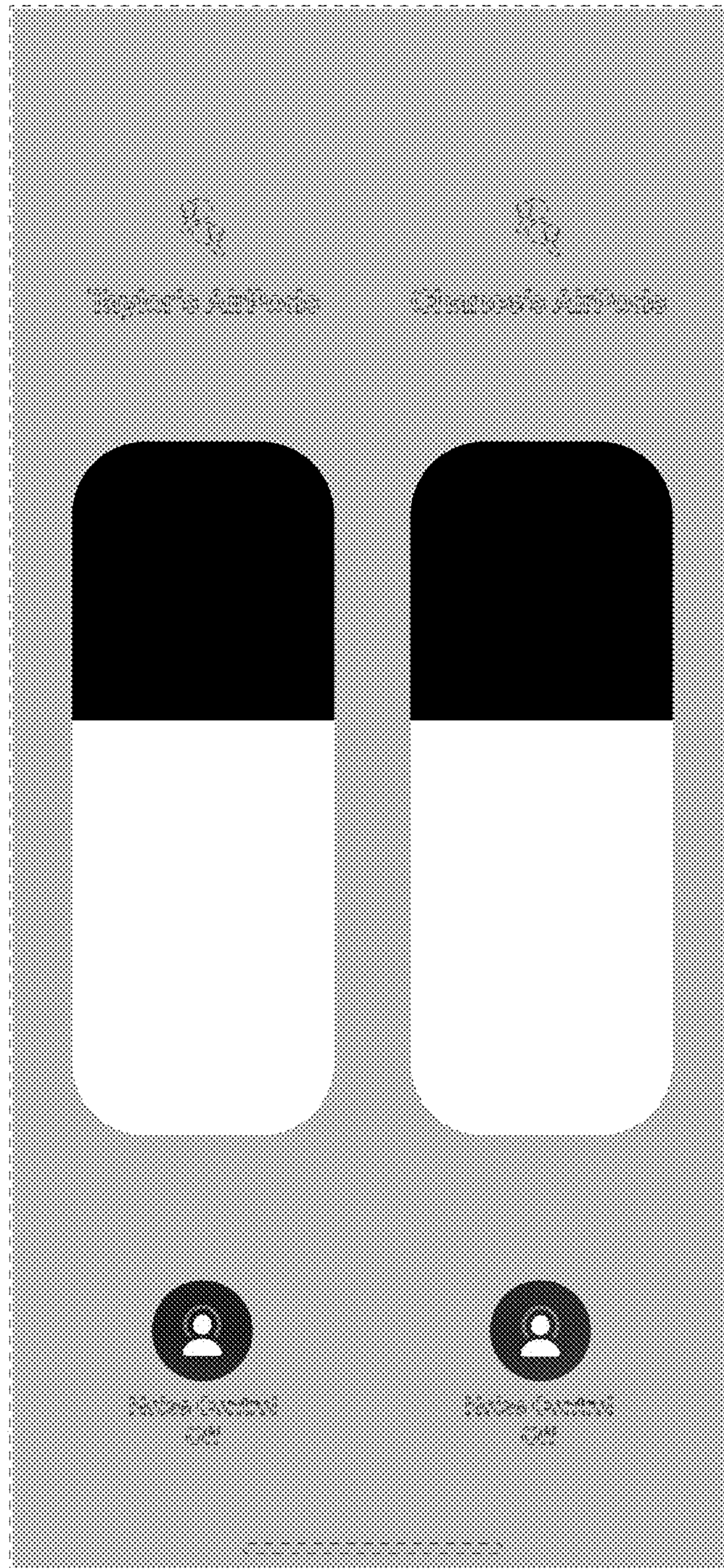


FIG. 1

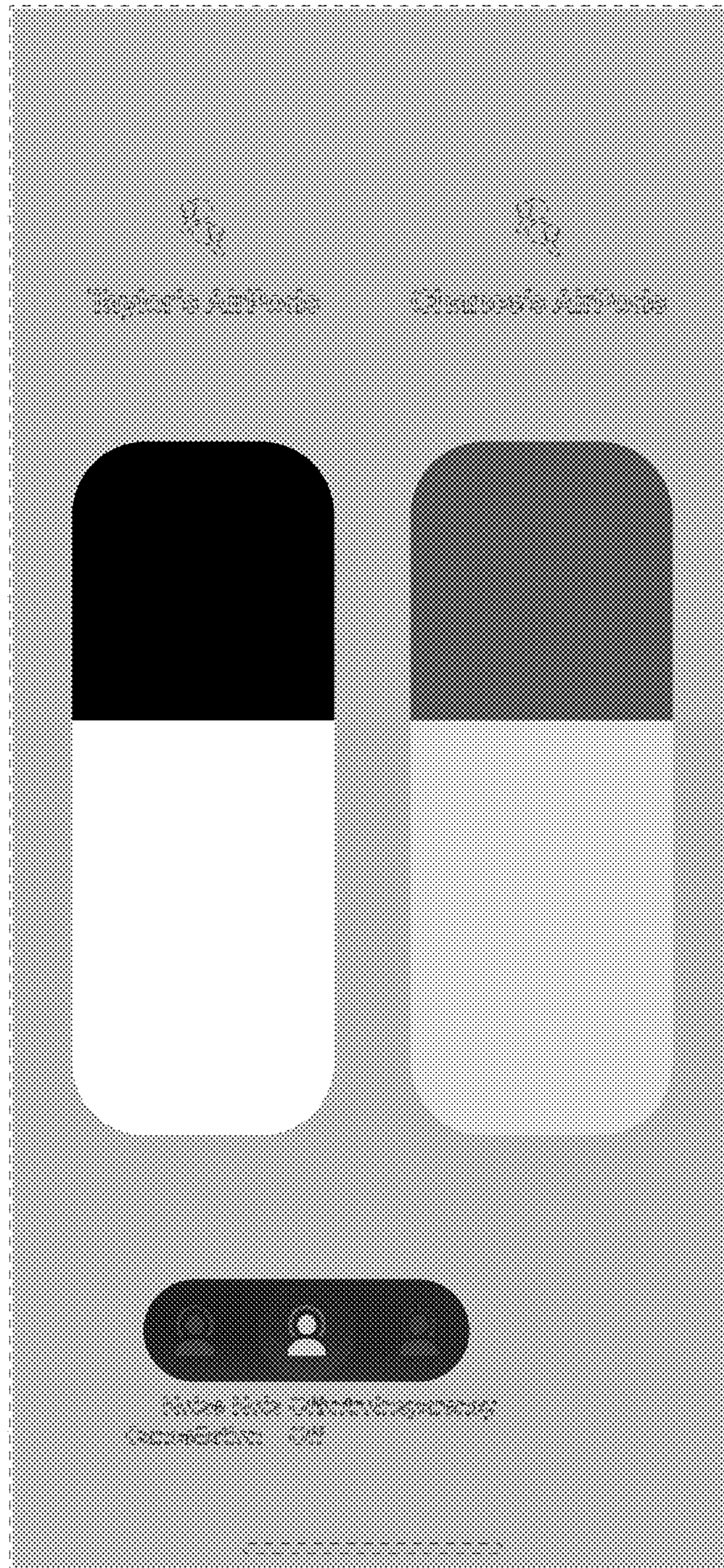


FIG. 2

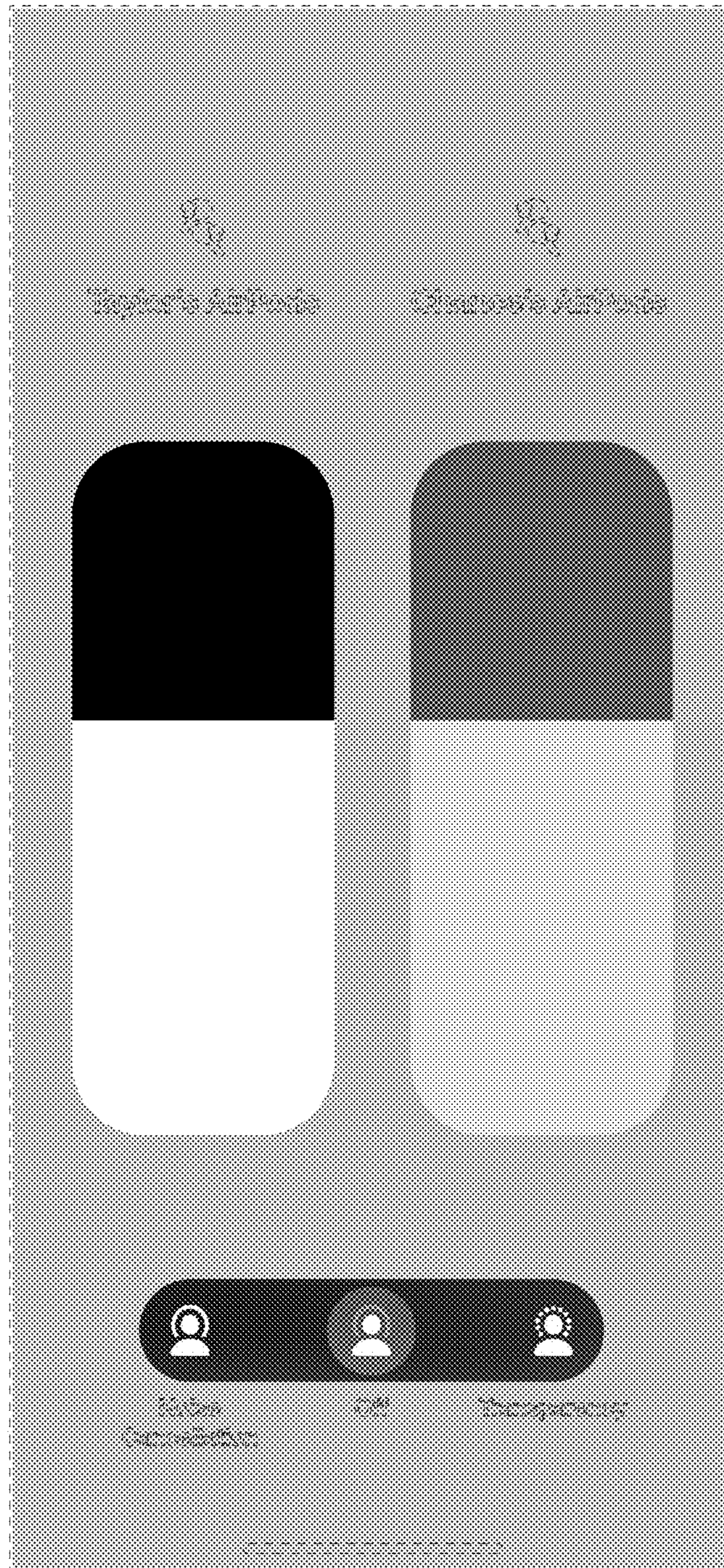


FIG. 3