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

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(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D3,139 S 7/1868 Mumford  
 D3,207 S 9/1868 Hasenclever

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 303518882 12/2015  
 CN 303437237 11/2019

(Continued)

**OTHER PUBLICATIONS**

Giraffe Test Animation 3, by the d-dub show, YouTube [online], published on Dec. 23, 2017, [retrieved on Jul. 16, 2020], retrieved from the Internet <URL: <https://www.youtube.com/watch?v=tynLgiQkOHU>> (Year: 2017).\*

(Continued)

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(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;

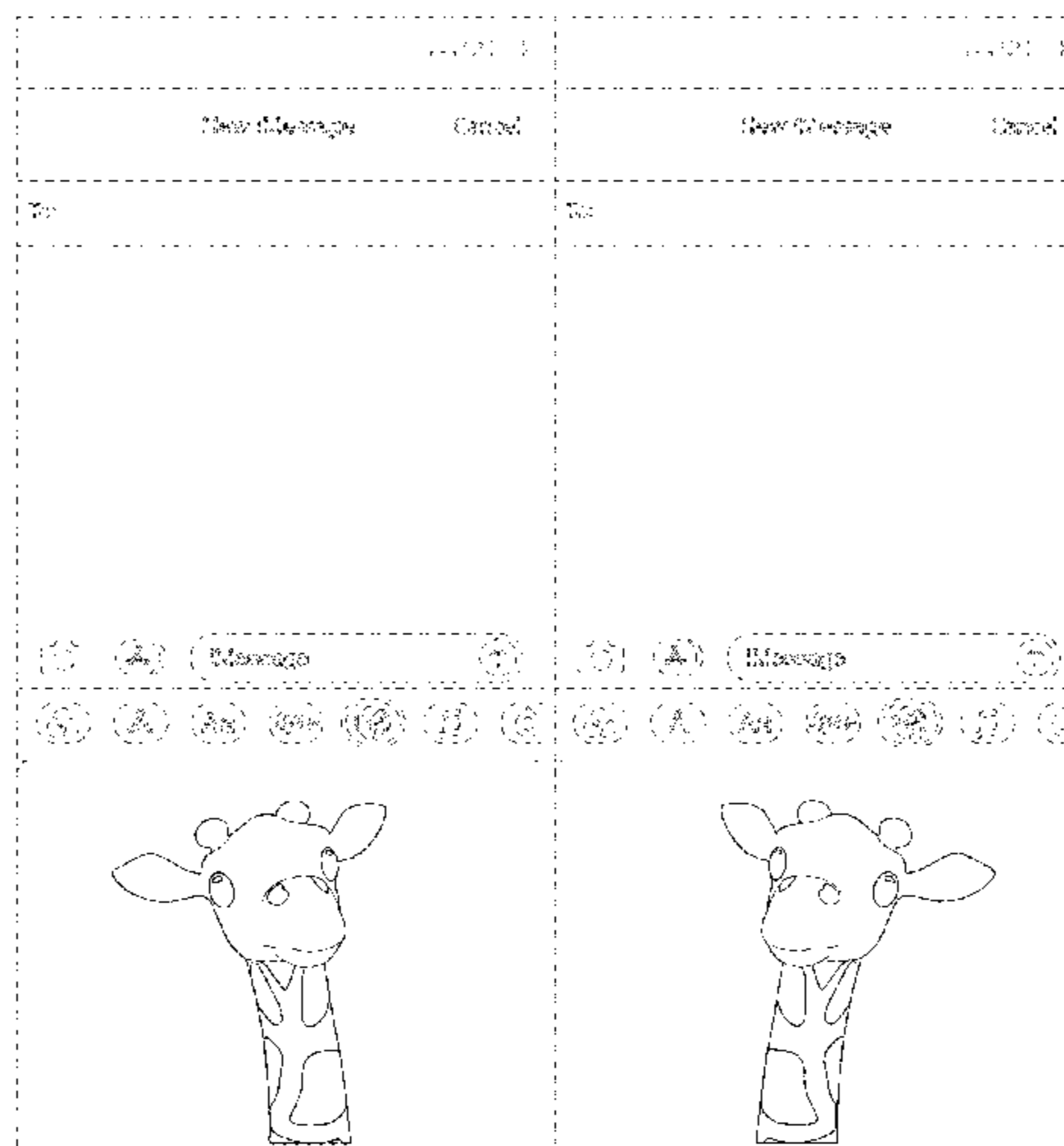
FIG. 3 is a third image thereof; and,

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. 2-3 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**  
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 See application file for complete search history.

(56) **References Cited**  
 U.S. PATENT DOCUMENTS

D32,183	S	1/1900	Tuchfarber	
842,690	A	1/1907	Oswalt	
D137,874	S	5/1943	Partridge	
D147,587	S	* 9/1947	Kaplan	D6/564
D153,568	S	4/1949	Wagner	
D262,460	S	12/1981	Belhumeur	
D277,113	S	1/1985	Gordon	
D300,835	S	4/1989	Stevens	
D304,348	S	10/1989	Dunn	
D316,570	S	4/1991	Golden	
D327,507	S	6/1992	Wahl	
D341,848	S	11/1993	Bigelow et al.	
D342,283	S	12/1993	McGill	
D353,843	S	12/1994	Martin	
D368,283	S	3/1996	van der Ploeg	
D373,387	S	9/1996	Wu	
D391,991	S	3/1998	Conner	
D395,643	S	6/1998	Ryan	
D396,225	S	7/1998	Ryan	
5,936,624	A	8/1999	Lisle et al.	
5,991,799	A	11/1999	Yen et al.	
D418,123	S	12/1999	Koerner	
6,020,885	A	2/2000	Honda	
D421,430	S	3/2000	Saxena et al.	
D421,749	S	3/2000	Saxena et al.	
D423,591	S	4/2000	Conley et al.	
D428,614	S	7/2000	Hwang et al.	
6,128,010	A	10/2000	Baxter et al.	
D437,342	S	2/2001	Kramer et al.	
6,219,045	B1	4/2001	Leahy et al.	
6,246,411	B1	6/2001	Strauss	
D450,059	S	11/2001	Itou	
D450,711	S	11/2001	Istvan et al.	
D469,129	S	1/2003	Fabel	
D471,227	S	3/2003	Gray	
D471,239	S	3/2003	Schaller	
6,577,330	B1	6/2003	Tsuda et al.	
D479,659	S	9/2003	Fleckenstein et al.	
D481,736	S	11/2003	Ombao et al.	
6,731,316	B2	5/2004	Herigstad et al.	
D493,493	S	7/2004	Howard	
D494,326	S	8/2004	Long	
D496,667	S	9/2004	Hoglund	
6,816,870	B1	11/2004	Nishimura et al.	
6,819,338	B2	11/2004	Heasman et al.	
6,941,359	B1	9/2005	Beaudoin et al.	
7,010,758	B2	3/2006	Bate	
D520,556	S	5/2006	Lusher et al.	
D524,358	S	7/2006	Lusher et al.	
D525,982	S	8/2006	Suzuki	
D527,736	S	9/2006	McDougall et al.	
7,124,360	B1	10/2006	Drenttel et al.	
7,152,210	B1	12/2006	Van Den Hoven et al.	
D536,346	S	2/2007	Gusmorino et al.	
D542,302	S	5/2007	Muranaka et al.	
D543,986	S	6/2007	Rimas-Ribikauskas et al.	
D543,987	S	6/2007	Rimas-Ribikauskas et al.	
D543,992	S	6/2007	Vigesaa	
D544,493	S	6/2007	Lam et al.	
D544,875	S	6/2007	Wang et al.	
D547,320	S	7/2007	Kim et al.	
D547,321	S	7/2007	Viegers et al.	
D549,712	S	8/2007	Kim et al.	
D550,685	S	9/2007	Seo et al.	
D551,241	S	9/2007	Seo et al.	
D552,120	S	10/2007	Arai	
D553,635	S	10/2007	Blencowe	

D554,656	S	11/2007	Seo et al.	
D556,765	S	12/2007	Evans et al.	
D559,261	S	1/2008	Jung et al.	
D561,196	S	2/2008	Okaro et al.	
D563,423	S	3/2008	Suzuki	
D563,970	S	3/2008	Jun et al.	
D563,993	S	3/2008	Melander et al.	
D564,530	S	3/2008	Kim et al.	
D565,584	S	4/2008	Gunn et al.	
D565,586	S	4/2008	Shin et al.	
7,359,688	B2	4/2008	Seo et al.	
7,363,591	B2	4/2008	Goldthwaite et al.	
D569,383	S	5/2008	Jung et al.	
7,370,283	B2	5/2008	Othmer	
D572,720	S	7/2008	Fletcher	
D574,391	S	8/2008	Kwag	
D574,846	S	8/2008	O'Donnell et al.	
D577,364	S	9/2008	Flynt et al.	
D579,456	S	10/2008	Chen et al.	
7,434,168	B2	10/2008	Hachiya et al.	
7,434,176	B1	10/2008	Froloff	
D579,946	S	11/2008	Lee et al.	
D579,947	S	11/2008	Kim et al.	
D580,949	S	11/2008	Duarte	
D581,424	S	11/2008	Hong	
7,458,030	B2	11/2008	Kim et al.	
D582,427	S	12/2008	Neuhaus et al.	
D582,931	S	12/2008	Blankenship et al.	
7,478,047	B2	1/2009	Loyall et al.	
D587,720	S	3/2009	Noviello et al.	
D588,149	S	3/2009	Brownell et al.	
D589,522	S	3/2009	Jewitt et al.	
D590,416	S	4/2009	Kochackis	
D592,675	S	5/2009	Bhat et al.	
7,536,653	B2	5/2009	Badovinac et al.	
7,539,933	B2	5/2009	Brown et al.	
D594,015	S	6/2009	Singh et al.	
D594,465	S	6/2009	Hong et al.	
7,546,546	B2	6/2009	Lewis-Bowen et al.	
D597,101	S	7/2009	Chaudhri et al.	
D598,027	S	8/2009	Carpenter et al.	
7,581,195	B2	8/2009	Sciammarella et al.	
D599,362	S	9/2009	Danton	
D599,368	S	9/2009	Kanga et al.	
D599,807	S	9/2009	Marashi	
D599,812	S	9/2009	Hirsch	
D600,713	S	9/2009	LaManna et al.	
D601,164	S	9/2009	Pell et al.	
7,587,482	B2	9/2009	Henderson et al.	
D603,867	S	11/2009	La et al.	
D604,305	S	11/2009	Anzures et al.	
D604,740	S	11/2009	Matheny et al.	
D607,003	S	12/2009	Bull et al.	
7,631,267	B2	12/2009	Viji et al.	
D607,888	S	1/2010	Ahn	
D608,366	S	1/2010	Matas	
7,650,169	B2	1/2010	Seo et al.	
D610,159	S	2/2010	Matheny et al.	
D611,484	S	3/2010	Mays et al.	
D611,485	S	3/2010	Marashi	
D611,950	S	3/2010	Fletcher et al.	
D612,398	S	3/2010	Lemay	
D612,399	S	3/2010	Fletcher et al.	
D614,637	S	4/2010	Mizulo	
D614,640	S	4/2010	Viegers et al.	
D614,641	S	4/2010	Viegers et al.	
7,698,656	B2	4/2010	Srivastava	
D615,549	S	5/2010	Caine et al.	
D616,891	S	6/2010	Christie et al.	
D616,892	S	6/2010	Christie et al.	
D617,804	S	6/2010	Hirsch	
D617,807	S	6/2010	Christie et al.	
D617,809	S	6/2010	Kim et al.	
D618,248	S	6/2010	Anzures et al.	
D618,698	S	6/2010	Kang et al.	
D621,848	S	8/2010	Ording	
D623,194	S	9/2010	Cook et al.	
D623,195	S	9/2010	La et al.	
D623,695	S	9/2010	Tesnar et al.	

(56)

## References Cited

## U.S. PATENT DOCUMENTS

D624,407 S	9/2010	Straker	D677,696 S	3/2013	Park et al.
D624,555 S	9/2010	Anzures	D677,697 S	3/2013	Park et al.
D624,556 S	9/2010	Chaudhri	D678,317 S	3/2013	Lee et al.
7,793,232 B2	9/2010	Chaudhri et al.	D678,324 S	3/2013	Park et al.
D625,320 S	10/2010	Woods et al.	D678,325 S	3/2013	Park et al.
D625,321 S	10/2010	Choi et al.	D679,721 S	4/2013	Seo
D625,322 S	10/2010	Guntaur et al.	D680,126 S	4/2013	Seo
7,820,901 B2	10/2010	Terauchi et al.	D680,129 S	4/2013	Seo et al.
7,823,080 B2	10/2010	Miyajima et al.	D682,313 S	5/2013	Voreis et al.
D627,362 S	11/2010	Christie et al.	D682,882 S	5/2013	Cahill
D627,791 S	11/2010	Lamb et al.	D683,354 S	5/2013	Perry et al.
D629,419 S	12/2010	Ording et al.	D683,362 S	5/2013	Graham et al.
D631,888 S	2/2011	Vance et al.	8,447,361 B1	5/2013	Andrus et al.
D633,508 S	3/2011	Chou et al.	8,453,057 B2	5/2013	Stallings et al.
D633,563 S	3/2011	Hill et al.	D683,737 S	6/2013	Brinda et al.
D635,988 S	4/2011	Mays	D684,179 S	6/2013	Carpenter et al.
D636,400 S	4/2011	Vance et al.	D684,987 S	6/2013	Christie et al.
D636,405 S	4/2011	Mays et al.	D685,385 S	7/2013	Seo
D637,201 S	5/2011	Wasko	8,510,407 B1	8/2013	Kembel et al.
D638,441 S	5/2011	Ording et al.	8,521,857 B2	8/2013	Maxwell et al.
D638,442 S	5/2011	Christie et al.	D689,516 S	9/2013	Convay et al.
D638,842 S	5/2011	Woods et al.	D691,156 S	10/2013	AeJung
7,945,862 B2	5/2011	Aldrich et al.	D691,160 S	10/2013	Schupp et al.
D640,274 S	6/2011	Arnold	D691,174 S	10/2013	Lipman et al.
D642,192 S	7/2011	Arnold	D691,623 S	10/2013	Aroner et al.
7,984,376 B2	7/2011	Yamabuchi et al.	D694,254 S	11/2013	Brinda et al.
D643,436 S	8/2011	Lemay	D694,775 S	12/2013	Gardner et al.
D643,848 S	8/2011	Jones et al.	D695,775 S	12/2013	Brinda et al.
D644,238 S	8/2011	Ording	D695,779 S	12/2013	Edwards et al.
D648,344 S	11/2011	Arnold	D696,272 S	12/2013	Tagliabue et al.
D648,347 S	11/2011	Chaudhri	D696,676 S	12/2013	Seo
D648,348 S	11/2011	Matas	D697,940 S	1/2014	Bitran et al.
D648,732 S	11/2011	Chou et al.	D699,739 S	2/2014	Voreis et al.
D648,733 S	11/2011	Chou et al.	D699,744 S	2/2014	Ho Kushner et al.
D648,735 S	11/2011	Arnold et al.	D700,615 S	3/2014	Lee et al.
D649,154 S	11/2011	Vance et al.	D700,617 S	3/2014	Brinda et al.
D649,155 S	11/2011	vanOs	D700,658 S	3/2014	Olschnoegger et al.
D649,158 S	11/2011	Lemay	D701,236 S	3/2014	Hatta
D650,863 S	12/2011	Fiero	D701,522 S	3/2014	Wang et al.
D652,049 S	1/2012	Chou et al.	D701,866 S	4/2014	Pearson et al.
D652,053 S	1/2012	Impas et al.	D703,219 S	4/2014	Shia et al.
D652,428 S	1/2012	Anzures	D703,691 S	4/2014	Brinda et al.
D654,926 S	2/2012	Lipman et al.	D704,216 S	5/2014	Dellinger
D655,719 S	3/2012	Zaman et al.	D704,726 S	5/2014	Maxwell et al.
8,130,219 B2	3/2012	Fleury et al.	D704,731 S	5/2014	Pearson et al.
8,145,766 B2	3/2012	Durnitru et al.	D705,244 S	5/2014	Arnold et al.
D658,195 S	4/2012	Cranfill	D705,251 S	5/2014	Pearson et al.
D660,317 S	5/2012	Jesberger	D705,263 S	5/2014	Hartley
8,171,084 B2	5/2012	Walter et al.	D705,801 S	5/2014	Kerr et al.
D661,123 S	6/2012	Curbbun et al.	D705,802 S	5/2014	Kerr et al.
D661,312 S	6/2012	Vance et al.	D705,809 S	5/2014	Jewitt
D662,512 S	6/2012	Steele et al.	D706,803 S	6/2014	Rogowski et al.
D662,554 S	6/2012	Pardey	D707,246 S	6/2014	Inose et al.
D664,555 S	7/2012	Gleasmart et al.	D707,253 S	6/2014	Yang et al.
D664,987 S	8/2012	Gleasmart et al.	D709,911 S	7/2014	Ording
D665,851 S	8/2012	Davis	D710,371 S	8/2014	vanOs
8,255,810 B2	8/2012	Moore et al.	D710,382 S	8/2014	Chaudhri
D667,019 S	9/2012	Chaudhri	D711,911 S	8/2014	Karunamuni et al.
D667,834 S	9/2012	Coffiman et al.	D711,921 S	8/2014	Penico et al.
D669,487 S	10/2012	Yang et al.	D713,417 S	9/2014	Daniel
D670,722 S	11/2012	Yang et al.	8,860,749 B1	10/2014	Ainslie et al.
D670,726 S	11/2012	Bitran et al.	D716,840 S	11/2014	Gurley
D671,557 S	11/2012	Peters et al.	D718,317 S	11/2014	Yang et al.
D671,956 S	12/2012	Dellinger et al.	D718,334 S	11/2014	Cranfill
D672,363 S	12/2012	Reyna et al.	D719,461 S	12/2014	Bailey
D672,366 S	12/2012	Duggan et al.	D719,581 S	12/2014	Frew et al.
D673,167 S	12/2012	Woo et al.	D721,382 S	1/2015	Brinda et al.
D673,973 S	1/2013	Vance et al.	D721,722 S	1/2015	Lee
D675,648 S	2/2013	Self et al.	D721,732 S	1/2015	Brinda et al.
D676,058 S	2/2013	Cranfill	D723,046 S	2/2015	Matias
D677,326 S	3/2013	Gleasant et al.	8,955,103 B2	2/2015	Kline, III et al.
D677,336 S	3/2013	Murphy et al.	D723,577 S	3/2015	Matias
D677,690 S	3/2013	Phelan	D723,578 S	3/2015	Matias et al.
D677,694 S	3/2013	Park et al.	D723,579 S	3/2015	Paz
D677,695 S	3/2013	Park et al.	D723,622 S	3/2015	Harris
			D724,098 S	3/2015	Matias
			D724,099 S	3/2015	Matias et al.
			D724,603 S	3/2015	Williams et al.
			D724,606 S	3/2015	Matias

(56)

## References Cited

## U.S. PATENT DOCUMENTS

D724,613 S	3/2015	Liu et al.	D774,552 S	12/2016	Evans et al.
D725,129 S	3/2015	Matias	D775,210 S	12/2016	Evans
D725,130 S	3/2015	Matias	D775,211 S	12/2016	Evans
D725,131 S	3/2015	Matias	D775,212 S	12/2016	Evans
D725,671 S	3/2015	Dorfmann	D775,213 S	12/2016	Evans et al.
8,989,786 B2	3/2015	Feghali	9,511,291 B2	12/2016	Lyons et al.
D726,199 S	4/2015	Matias	D775,671 S	1/2017	Evans
D726,202 S	4/2015	Zum	D777,209 S	1/2017	Penico et al.
D726,203 S	4/2015	Prajapati et al.	D777,761 S	1/2017	Woo et al.
D726,748 S	4/2015	Maekawa	9,576,400 B2	2/2017	vanOs et al.
D727,944 S	4/2015	Jarzabek	D783,631 S	4/2017	Inose et al.
D729,263 S	5/2015	Ahn et al.	D788,808 S	6/2017	Chaudhri et al.
D729,834 S	5/2015	Rezende et al.	D792,454 S	7/2017	Baumez et al.
D729,845 S	5/2015	Lee	D795,295 S	8/2017	Bull et al.
D730,387 S	5/2015	Park et al.	D795,924 S	8/2017	Sondak-Simampo
D730,404 S	5/2015	Yu et al.	D798,900 S	10/2017	Wan et al.
9,037,982 B2	5/2015	Seo et al.	D801,992 S	11/2017	Fischbach
D731,514 S	6/2015	Lee	D803,263 S	11/2017	Sepulveda
D731,529 S	6/2015	Cavander et al.	D803,873 S	11/2017	Thompson et al.
D735,742 S	8/2015	Lee et al.	D804,524 S	12/2017	Zin et al.
D736,237 S	8/2015	Lee et al.	D806,126 S	12/2017	Mander et al.
D737,319 S	8/2015	Cavander et al.	D808,406 S	1/2018	Lee et al.
D737,330 S	8/2015	Paolantonio et al.	D809,553 S	2/2018	Chan et al.
D740,845 S	10/2015	Karunamuni et al.	D810,130 S	2/2018	Forslund et al.
D741,874 S	10/2015	Apodaca et al.	D813,878 S *	3/2018	Kemper ..... D14/485
D742,906 S	11/2015	Penico et al.	D816,089 S *	4/2018	Kemper ..... D14/485
D742,912 S	11/2015	Tseng et al.	9,940,003 B2	4/2018	Han et al.
D743,442 S	11/2015	Penico et al.	D816,698 S	5/2018	Oldenburger et al.
D744,494 S	12/2015	Roberts et al.	D818,037 S	5/2018	Bauer et al.
D745,556 S	12/2015	Jeon et al.	D818,500 S	5/2018	Marianek et al.
D750,124 S	2/2016	Everette et al.	D823,893 S	7/2018	Sepulveda et al.
D752,071 S	3/2016	Lee et al.	D824,421 S	7/2018	Williams et al.
9,280,844 B2	3/2016	Larkin et al.	D824,953 S	8/2018	Butcher et al.
D754,688 S	4/2016	Chaudhri et al.	D827,661 S	9/2018	Pirklbauer
D754,750 S	4/2016	Boix Sagarra et al.	D831,696 S	10/2018	Clarke et al.
D757,031 S	5/2016	Chen et al.	D835,673 S	12/2018	Sepulveda
D757,095 S	5/2016	Butcher et al.	D841,050 S	2/2019	Butcher et al.
D757,110 S	5/2016	Kang	D843,442 S	3/2019	Barlier et al.
D757,737 S	5/2016	Chaudhri et al.	D844,049 S	3/2019	Barlier et al.
D760,745 S	7/2016	Rawlins et al.	D844,700 S	4/2019	Barlier et al.
D760,747 S	7/2016	Gehiere et al.	2002/0054154 A1	5/2002	Fukuda et al.
D760,791 S	7/2016	Liu et al.	2002/0089549 A1	7/2002	Munro et al.
D762,692 S	8/2016	Butcher et al.	2002/0130894 A1	9/2002	Young et al.
D762,725 S	8/2016	Chaudhri et al.	2003/0160824 A1	8/2003	Szumla
D763,313 S	8/2016	Sondak-Simampo	2003/0174177 A1	9/2003	Tsukuda et al.
D765,709 S	9/2016	Gagnier	2004/0235520 A1	11/2004	Cadiz et al.
D765,731 S	9/2016	Hartley	2005/0050474 A1	3/2005	Bells et al.
D766,258 S	9/2016	Wang et al.	2005/0114783 A1	5/2005	Szeto
D766,330 S	9/2016	Forslund et al.	2005/0138574 A1	6/2005	Lin
D766,925 S	9/2016	Sanderson et al.	2005/0193345 A1	9/2005	Klassen et al.
D766,982 S	9/2016	Forslund et al.	2005/0257170 A1	11/2005	Kim et al.
D767,634 S	9/2016	Forslund et al.	2006/0174273 A1	8/2006	Park et al.
D768,163 S	10/2016	Holl	2006/0212811 A1	9/2006	Gottfurcht et al.
D768,194 S	10/2016	Macbeth et al.	2006/0284852 A1	12/2006	Hofmeister et al.
D768,648 S	10/2016	Sanderson et al.	2006/0294465 A1	12/2006	Ronen
D768,649 S	10/2016	Sanderson et al.	2007/0135690 A1	6/2007	Nicholl
D768,650 S	10/2016	Chen et al.	2008/0082613 A1	4/2008	Szeto et al.
D768,687 S	10/2016	Bae et al.	2008/0092061 A1	4/2008	Bankston et al.
D768,696 S	10/2016	Gagnier	2008/0163054 A1	7/2008	Pieper et al.
D769,909 S	10/2016	Roberts et al.	2008/0189658 A1	8/2008	Jeong et al.
D769,925 S	10/2016	Akana et al.	2008/0195944 A1	8/2008	Lee et al.
9,460,541 B2	10/2016	Li et al.	2009/0064038 A1	3/2009	Fleischman et al.
D770,519 S	11/2016	Kobetz	2009/0113318 A1	4/2009	Roseway et al.
D771,121 S	11/2016	Sondak-Simampo	2009/0172562 A1	7/2009	Lai
D771,653 S	11/2016	Bauer et al.	2009/0217188 A1	8/2009	Alexander et al.
D771,703 S	11/2016	Asai et al.	2009/0244003 A1	10/2009	Bonnat
D772,940 S	11/2016	Marianek et al.	2009/0264158 A1	10/2009	Backing
D773,534 S	12/2016	Yuk	2009/0271731 A1	10/2009	Lin et al.
D774,096 S	12/2016	Evans et al.	2009/0300513 A1	12/2009	Nims et al.
D774,097 S	12/2016	Evans et al.	2010/0023865 A1	1/2010	Fulker et al.
D774,098 S	12/2016	Evans et al.	2010/0185064 A1	7/2010	Bandic et al.
D774,548 S	12/2016	Evans et al.	2010/0231523 A1	9/2010	Chou
D774,549 S	12/2016	Evans et al.	2011/0029927 A1	2/2011	Lietzke et al.
D774,550 S	12/2016	Evans et al.	2011/0122077 A1	5/2011	Choi
D774,551 S	12/2016	Evans	2011/0169853 A1	7/2011	Oiwa et al.
			2011/0202963 A1	8/2011	Fulcher et al.
			2011/0252383 A1	10/2011	Miyashita
			2012/0011568 A1	1/2012	Tahan

(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0015341	A1 *	1/2012	Self .....	G09B 7/00 434/365
2012/0056827	A1	3/2012	Kim et al.	
2012/0068854	A1	3/2012	Shiflet et al.	
2012/0084692	A1	4/2012	Bae	
2012/0165071	A1	6/2012	Hsu et al.	
2012/0254804	A1	10/2012	Sheha et al.	
2012/0266100	A1	10/2012	Caliendo, Jr. et al.	
2012/0316932	A1	12/2012	Ralunan et al.	
2013/0050250	A1	2/2013	Brinda et al.	
2013/0069893	A1	3/2013	Brinda et al.	
2013/0086522	A1	4/2013	Shimazu et al.	
2013/0159931	A1	6/2013	Lee et al.	
2013/0187780	A1	7/2013	Angelides	
2013/0268875	A1	10/2013	Han et al.	
2013/0321340	A1	12/2013	Seo et al.	
2014/0059494	A1	2/2014	Lee et al.	
2014/0240579	A1	8/2014	Park et al.	
2014/0258901	A1	9/2014	Cho	
2014/0337791	A1	11/2014	Agnetta et al.	
2014/0362105	A1	12/2014	Kocienda et al.	
2014/0365904	A1	12/2014	Kim et al.	
2015/0020101	A1	1/2015	Brown et al.	
2015/0082231	A1	3/2015	Ren et al.	
2015/0205472	A1	7/2015	Han et al.	
2016/0028736	A1	1/2016	Gehring	
2016/0054908	A1	2/2016	Vegesna et al.	
2016/0062589	A1	3/2016	Wan et al.	
2016/0063748	A1	3/2016	Kim et al.	
2016/0180801	A1	6/2016	Lee et al.	
2016/0188152	A1	6/2016	Chou et al.	
2016/0188197	A1	6/2016	Ryu et al.	
2016/0291831	A1	10/2016	Baek et al.	
2017/0053541	A1 *	2/2017	Tsyryna .....	G06F 3/167
2017/0153792	A1	6/2017	Kapoor et al.	
2017/0192651	A1	7/2017	Yang et al.	
2017/0249056	A1	8/2017	Rainey et al.	
2017/0255342	A1	9/2017	Fontaine et al.	
2017/0315699	A1	11/2017	Markus et al.	
2017/0336961	A1	11/2017	Heo et al.	
2017/0351850	A1	12/2017	Jin et al.	
2018/0025323	A1	1/2018	Pintos	
2018/0091732	A1	3/2018	Wilson et al.	
2018/0150207	A1 *	5/2018	Drapeau .....	G06T 11/60
2018/0165858	A1	6/2018	Ahuja et al.	
2018/0329587	A1	11/2018	Ko et al.	

FOREIGN PATENT DOCUMENTS

EM	002608224-000	1/2015
EM	002616219-000	1/2015
KR	30-0801161	6/2015
KR	30-0801162	6/2015
KR	30-0801168	6/2015
KR	30-0801169	6/2015
KR	30-0801171	6/2015
KR	30-0853745	5/2016
KR	30-0853746	5/2016
KR	30-0887965	12/2016
KR	30-0893876	2/2017
KR	30-0894564	2/2017
KR	30-0894565	2/2017
KR	30-0891228	3/2017
KR	30-0894566	6/2017
KR	30-0983722	12/2018

OTHER PUBLICATIONS

Lets Find Love: Giraffe Town, by Neco the Sergal, YouTube [online], published on Oct. 3, 2018, [retrieved on Jul. 16, 2020],

retrieved from the Internet <URL: <https://www.youtube.com/watch?v=tjMj5eJrPDY>> (Year: 2018).\*

A Demonstration of Arteria3D's Giraffe, ported to iClone, by Bigboss, YouTube [online], published on Nov. 10, 2012, [retrieved on Jul. 16, 2020], retrieved from the Internet <URL: [https://www.youtube.com/watch?v=\\_LWnTfU9e\\_E](https://www.youtube.com/watch?v=_LWnTfU9e_E)> (Year: 2012).\*

Giraffe, by Ivanchuk, dribbble.com [online], published on Mar. 15, 2018, [retrieved on Jul. 16, 2020], retrieved from the Internet <URL: <https://dribbble.com/shots/4347540-Giraffe>> (Year: 2018).\*

Animoji on iPhone X [on-line], dated Nov. 10, 2018, URL: <<https://emojipedia.org/animoji/>>. (12 pages).

Apple iOS 11.2 Emoji List [on-line], dated Nov. 10, 2018, URL: <<https://emojipedia.org/apple/ios-11.2/>>. (34 pages).

Apple iOS 11.3 Emoji List dated Nov. 10, 2018, URL: <<https://emojipedia.org/apple/ios-11.3/>> (36 pages).

Apple iOS 11.1 Emoji List dated Nov. 10, 2018, URL: <<https://emojipedia.org/apple/ios-11.1/>> (34 pages).

Full Emoji Data Chart [on-line], dated Jan. 6, 2016; URL: <<https://web.archive.org/web/20160106153511/http://unicode.org/emoji/charts/full-emoji-list.html>>. (70 pages).

iOS 10 Emoji Changelog [on-line] dated Sep. 13, 2016, URL: <<https://blog.emojipedia.org/ios-10-emoji-changelog/>>. (32 pages).

Apple iOS 10.0.1 Emoji List [on-line] dated Feb. 5, 2018, URL: <http://emojipedia.org/apple/ios-10.0/new+changed/> (15 pages).

iOS 9 Emoji Changelog [on-line] dated Sep. 16, 2016, URL: <<https://1.blog.emojipedia.org/ios-9-emoji-changelog/>> (23 pages).

An Emoji Game Show is in the Works [on-line] dated Aug. 8, 2015, URL: <http://flavorwire.com/531847/an-emojigame-show-is-in-the-works>> (6 pages).

Emojipedia, "Apple iOS 9.1" (<http://www.emojipedia.com/apple/ios-9.1/>), dated Mar. 6, 2017, 24 pages.

Emojipedia, "Apple iOS 10.2" (<http://www.emojipedia.com/apple/ios-10.2/>), dated Mar. 6, 2017, 33 pages.

Imoticons smiley icon set by Xinh Studio [on-line] dated Mar. 20, 2017; URL: <<https://www.iconfinder.com/iconsets/irnoticons>> (11 pages).

"Reactions" icon set designed by Mark Gonzales for Graphictea [on-line] dated Mar. 20, 2017; URL: <<https://www.iconfinder.com/iconsets/reaction>> (6 pages).

Zaficons: Smiley icon set by Zafara Studios [on-line], dated Mar. 20, 2017; URL: <https://www.iconfinder.com/iconsets/zaficonessmiley>> (17 pages).

Clip Art, "iOS Emoji Tiger Face," Clipart.info, dated Jan. 20, 2017, Available at <https://clipart.info/ios-emoji-tiger-face-1606/>.

Klein, "How to Use Emoji on Your Smartphone or PC," How-To Geek, dated Feb. 6, 2015, URL: <https://www.howtogeek.com/208890/how-to-use-emoji-on-yoursmartphone-or-pc/>.

"These are the new emoji in iOS 9.1 ," [on-line], dated Sep. 10, 2015; retrieved from Internet on Oct. 10, 2018. URL: <<http://megarnycloud.blogspot.com/>> (5 pages).

iOS 11.3 Emoji Changelog [on-line], dated Mar. 29, 2018; URL: <<https://blog.emojipedia.org/ios-11-3-emoji-changelog/>> (5 pages).

"Use Animoji on your i Phone X, "[on-line]. Webpage captured by Internet Archives Wayback Machine dated Nov. 3, 2017; URL: <<https://web.archive.org/web/20171103113552/https://support.apple.com/en-us/HT208190>>. (3 pages).

"Animoji," [on-line]. Web page captured by Internet Archives' Wayback Machine dated Sep. 11, 2017; URL: <<https://web.archive.org/web/20170911175118/https://emojipediaorg/animoji>>. (5 pages).

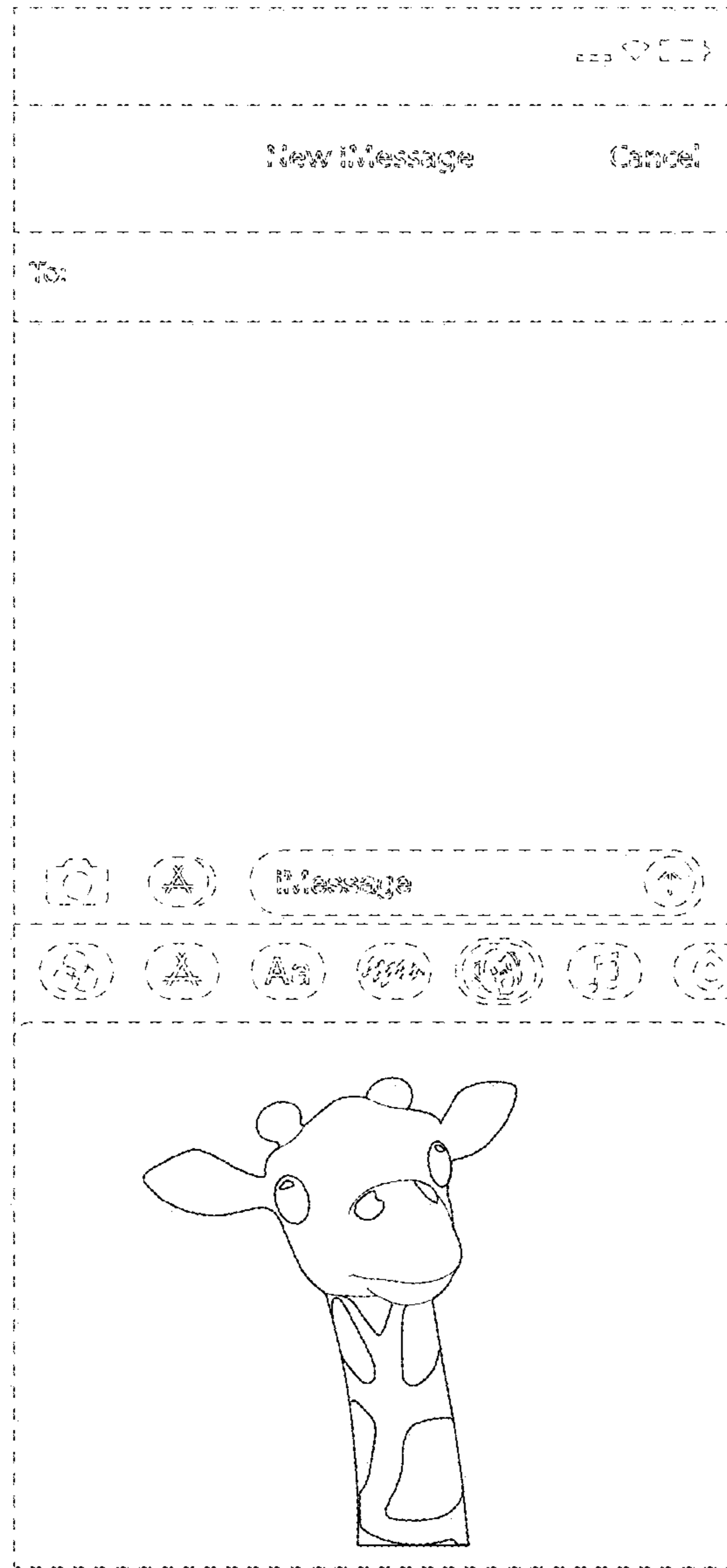
"Apple's "Animoji" Are Animated Emojis You Make With Your Face," by Renz Ofiaza [on-line], dated Sep. 12, 2017; URL: <<https://www.highsnobiety.com/2017/09/12/apple-animoji/>> (6 pages).

Japanese Patent Office Document HJ2908784000, Mamun Sajib, dated May 8, 2017.

Set of Wild Animals, by Timoshina, dreamstime.com, dated Nov. 24, 2018, <https://www.dreamstime.com/vector-set-different-wild-animals-low-poly-style-animal-icon-collection-isolated-white-background-image129829464>.

Emojipedia.org, <https://emojipedia.org/giraffe/>, dated Mar. 22, 2017.

\* cited by examiner



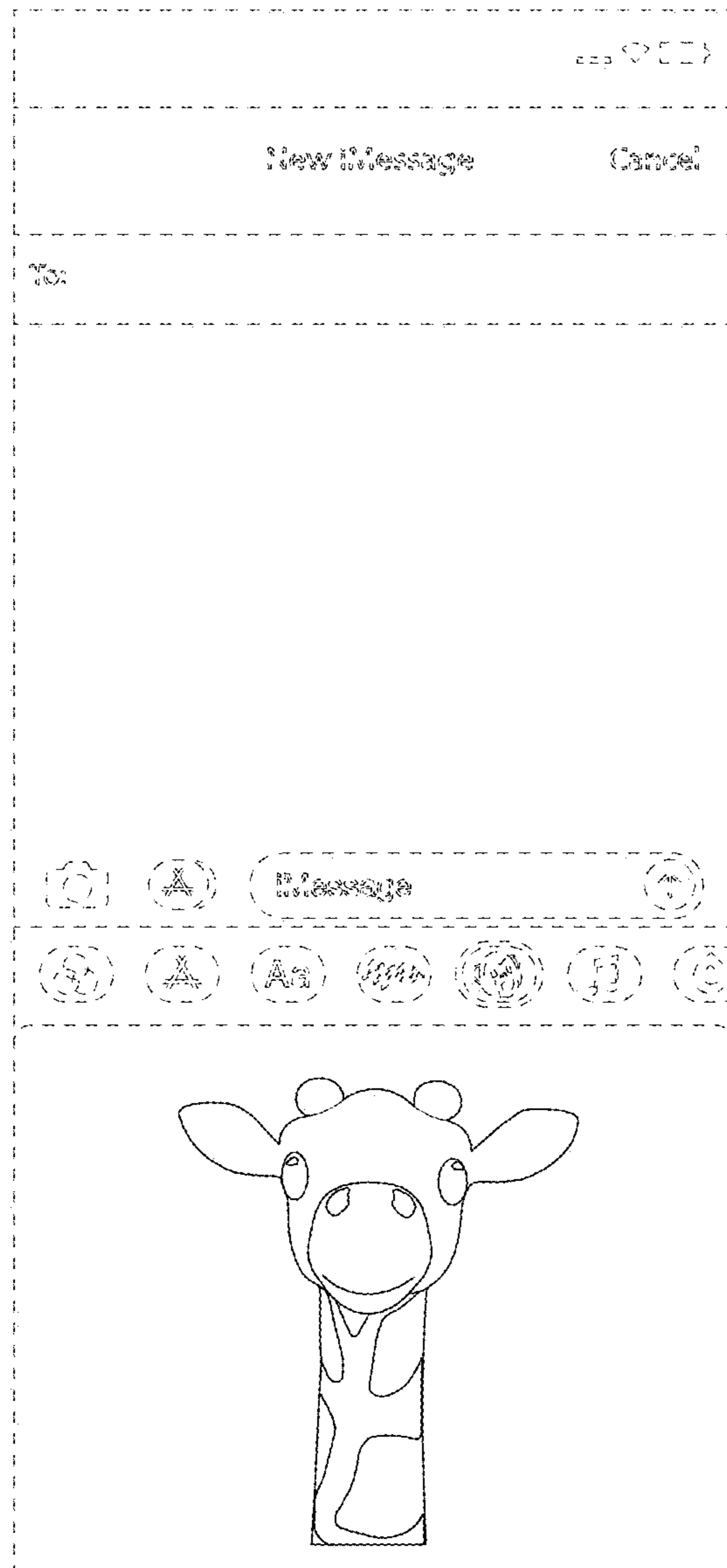


FIG. 2

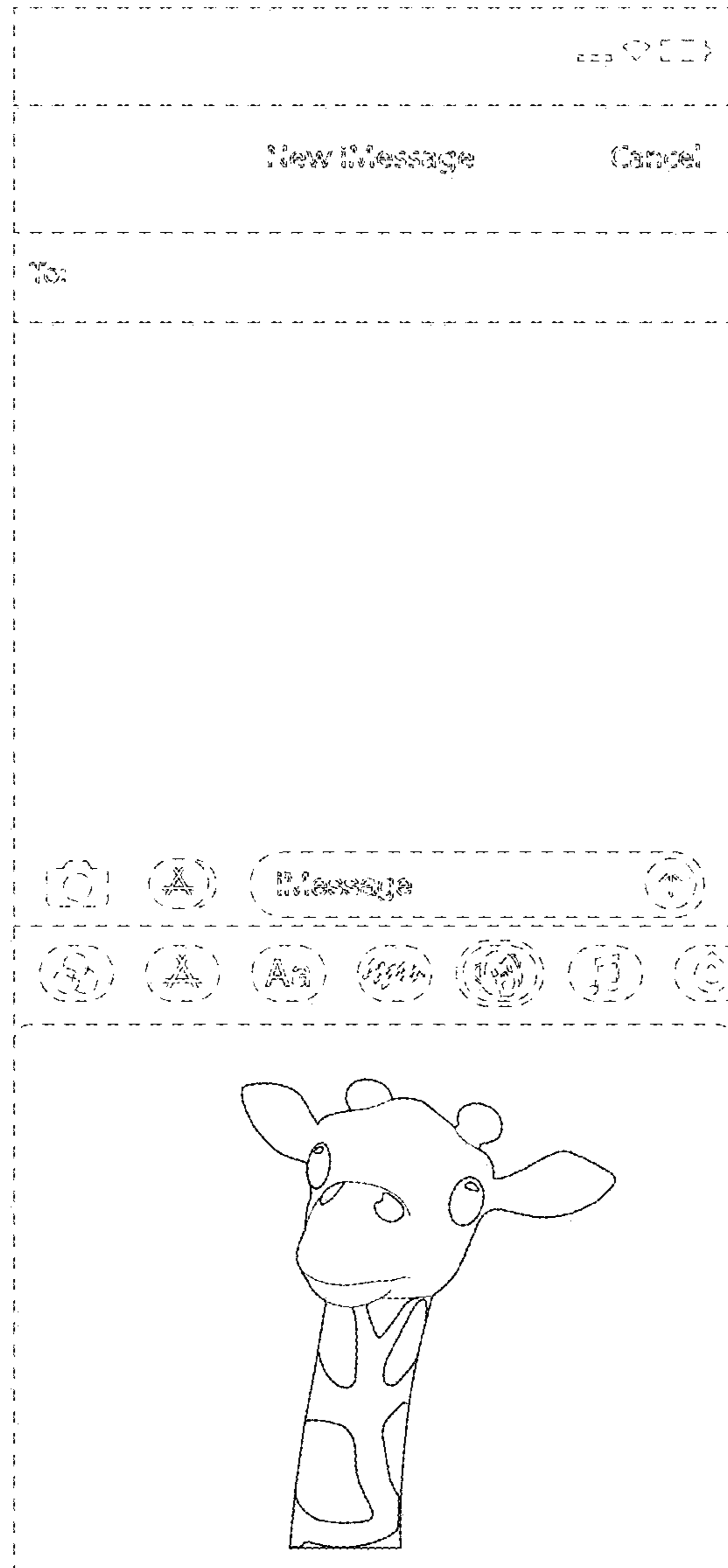


FIG. 3



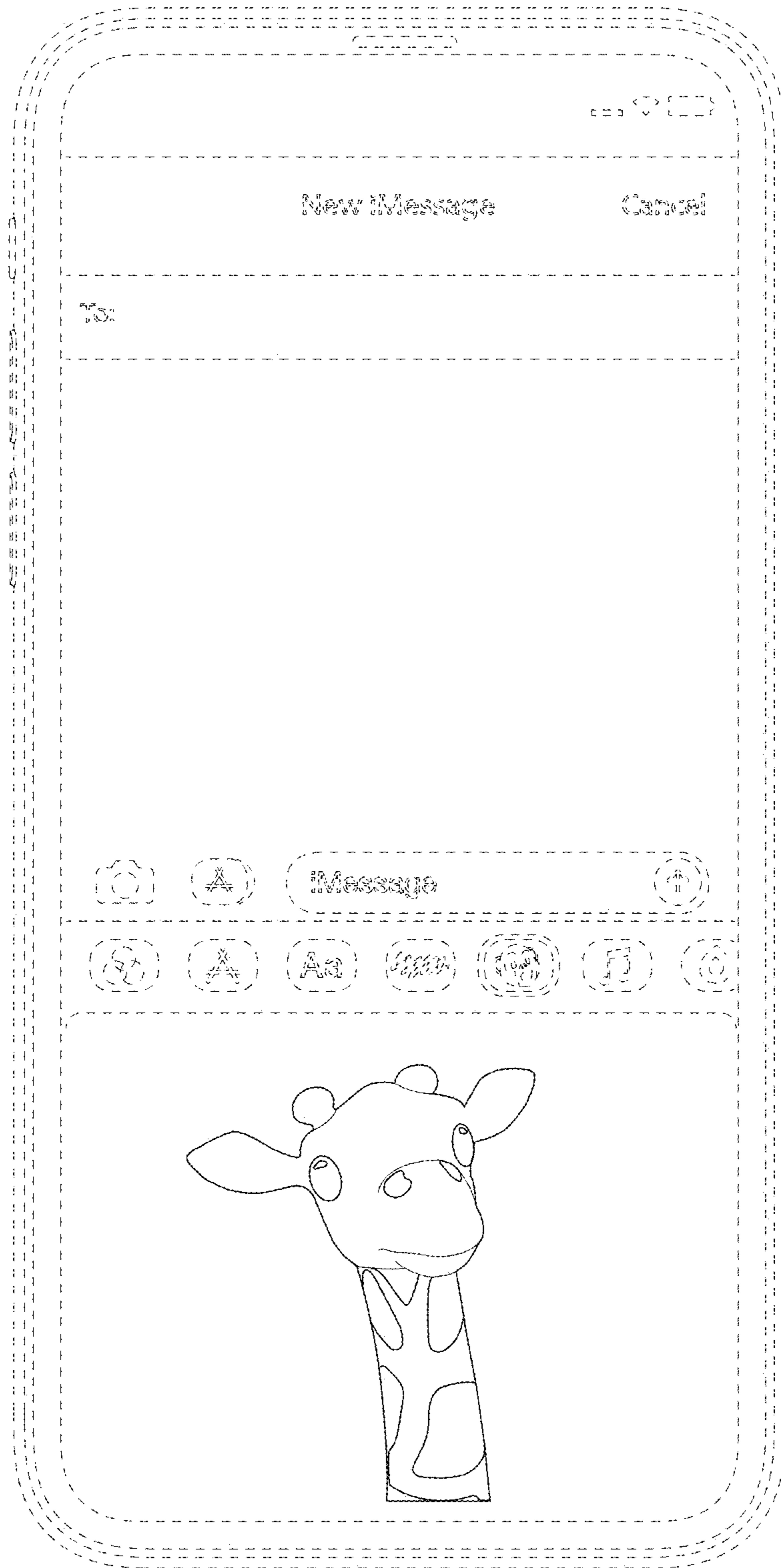


FIG. 4