

# EXHIBIT F

PTX	Description	Date	Beginning Bates	Ending Bates	Objections
1	US Patent 8,194,924	6/5/2012	SAM_GTP_00000846	SAM_GTP_00000883	NA
2	US Patent 7,933,431	4/26/2011	SAM_GTP_00000810	SAM_GTP_00000845	NA
3	US Patent 8,878,949	11/4/2014	SAM_GTP_00000900	SAM_GTP_00000916	NA
4	US Patent 8,553,079	10/8/2013	SAM_GTP_00000884	SAM_GTP_00000899	NA
5	US Patent No. 10,628,670	4/21/2020	N/A	N/A	401, 402, 403, LF
6	AR Emoji Introduction (S9-Beyond)	7/2018	SAM_GTP_00031293	SAM_GTP_00031299	NA
7	AR Emoji Contents Eco - Medix US Group	7/2019	SAM_GTP_00031251	SAM_GTP_00021260	401, 402, 403, LF, LK, H
8	Notice of 30(b)(6) Deposition to Defendants Samsung Electronics Co. Ltd. and Samsung Electronics America Inc.	9/14/2021	N/A	N/A	401, 402, 403, H
9	Notice of 30(b)(6) Deposition of Bui Cong Nguyen	9/14/2021	N/A	N/A	401, 402, 403, H
10	Notice of 30(b)(1) Deposition of Byung-Jun Son	9/14/2021	N/A	N/A	401, 402, 403, H
11	Gesture Technology Partners Deposition Notice to Juwoan Yoo	9/14/2021	N/A	N/A	401, 402, 403, H
12	Notice of 30(b)(1) Deposition of Sean Diaz	9/14/2021	N/A	N/A	401, 402, 403, H
13	Disclosure of Asserted Claims and Supplemental Amended Infringement Contentions	9/20/2021	N/A	N/A	401, 402, 403, H; MISSING
14	Notice of 30(b)(1) Deposition of Joe Repice	9/14/2021	N/A	N/A	401, 402, 403, H
15	Samsung Electronics Air Gesture UI Guideline	1/9/2013	SAM_GTP_00031123	SAM_GTP_00031249	NA
16	Linkedin Profile for Sean Diaz	N/A	N/A	N/A	401, 402, 403, H, A, LF; MISSING
17	Biztrip (W37) Result	N/A	SAM_GTP_00032179	SAM_GTP_00032182	401, 402, 403, H, LF, LK
18	Linkedin Profile Pages for Joe Repice	N/A	N/A	N/A	401, 402, 403, H, A, LF; MISSING
19	Samsung Electronics UI Motions & Gestures / Side Touch Version 1.9	7/6/1905	SAM_GTP_00036057	SAM_GTP_00036126	FL, 403, LF, LK, H
20	Samsung Galaxy Fold User Guide	N/A	SAM_GTP_00000172	SAM_GTP_00000334	NA
21	Camera UI Basic interaction v10.1	9/2/2020	SAM_GTP_00036300	SAM_GTP_00036536	NA
22	US Patent 10,740,604	8/11/2020	N/A	N/A	NA

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23	Samsung Electronics UI Motions & Gestures Version 2.2	9/25/2015	SAM_GTP_00037020	SAM_GTP_00037066	FL, 403, LF, LK, H
24	Samsung Galaxy Note9 User Guide	N/A	SAM_GTP_00001498	SAM_GTP_00001686	NA
25	Excel Spreadsheet	N/A	SAM_GTP_00154509	N/A	DE
26	ADS Iris Recognition	1/7/2016	SAM_GTP_00031754	SAM_GTP_00031807	NA
27	Spreadsheet listing various projects involving objects and body recognition		SAM_GTP_00032300	SAM_GTP_00032300	401, 402, 403, H, LF, LK, CO, DE
28	Excel Spreadsheet	N/A	SAM_GTP_00154510	N/A	DE
29	Samsung User Manual - Galaxy S7 edge   S7	5/21/2018	SAM_GTP_00012728	SAM_GTP_00012930	NA
30	Maxim Integrated Products Korea Inc. Part Approval Request Sheet to Samsung Electronics, Co., Ltd.	1/9/2013	SAM_GTP_00034124	SAM_GTP_00034178	NA
31	Galaxy S6 Edge+" Demo Guide		SAM_GTP_00120050	SAM_GTP_00120054	403, H, LF, LK
32	USP 5 Pro Level Action Camera Presentation	N/A	SAM_GTP_0011338	SAM_GTP_0011343	401, 402, 403, H, LF, LK
33	Exhibit F - Mitsubishi Electric Research Laboratory TV, Toy, Crane, and Game Control Systems ("MERL") vs. Claims of Asserted U.S. Patent No. 7,933,431 ("431 Patent")	N/A	N/A	N/A	MISSING
34	ADS: Multi-biometric Recognition	7/27/2017	SAM_GTP_00031825	SAM_GTP_00031846	403, H, LF
35	AMS TMG39923S9INT20	1/24/2014	SAM_GTP_00035467	SAM_GTP_00035654	403, H, LF, LK
36	AR Emoji Camera OS	7/11/1905	SAM_GTP_00036127	SAM_GTP_00036246	FL, 403, LF, LK, H
37	Camera Trends - Short Video		SAM_GTP_00088517	SAM_GTP_00088541	FL, 401, 402, 403, LF, LK, H
38	Interact With Your Galaxy Phone Even Faster With Gesture Navigation	10/2/2020	N/A	N/A	401, 402, 403, H, LF, LK, MISSING
39	Exhibit G - MDScope of the University of Illinois at Urbana-Champaign ("MDScope") vs. Claims of Asserted U.S. Patent No. 7,933,431 ("431 Patent")	N/A	N/A	N/A	MISSING
40	GS8/+ First Month Usage (Biometric use stats)	7/2017	SAM_GTP_00104108	SAM_GTP_00104218	401, 402, 403, H, LF, LK
41	Maxim Integrated Gesture and Proximity Tests	11/5/2012	SAM_GTP_00034179	SAM_GTP_00034189	403, H, LF, LK
42	Meet the AR Emoji	N/A	SAM_GTP_00034698	SAM_GTP_00034704	403, H, LF, LK
43	Air Gesture V.2.9.1 UI Guideline Android Touchwiz 2013	1/9/2013	SAM_GTP_0031122	SAM_GTP_0031250	NA
44	Use Motions and Gestures to Control Your Galaxy Phone Document	10/5/2021	N/A	N/A	401, 402, 403, H, LF, LK, MISSING
45	Samsung Galaxy S8   S8+ User Manual	4/17/2019	SAM_GTP_00016123	SAM_GTP_00016292	401, 402, 403, H, LK, LF
46	2015 Research Proposal for object and body recognition project	2/10/2015	SAM_GTP_00034656	SAM_GTP_00034664	401, 402, 403, H, LF, LK

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47	Excel Spreadsheet	N/A	SAM_GTP_00054495	N/A	401, 402, 403, H, CO, LF, DE, MISSING
48	Samsung Galaxy S9   S9+ User Manual	2/18/2020	SAM_GTP_00019756	SAM_GTP_00019932	NA
49	Maxim Gesture Sensor	2/23/2013	SAM_GTP_00032658	SAM_GTP_00032665	NA
50	Galaxy Tab S4 User Manual	11/2/2020	SAM_GTP_00025203	SAM_GTP_00025356	NA
51	Samsung S/W Development Completion Report	7/7/1905	SAM_GTP_00035141	SAM_GTP_00035155	401, 402, 403, H, LF, LK
52	Face UI v2.2	7/21/2020	SAM_GTP_00036537	SAM_GTP_00036593	NA
53	Iris UI	N/A	SAM_GTP_00036594	SAM_GTP_00036665	NA
54	Samsung DigitALL Selfie Tech Item		SAM_GTP_00035209	SAM_GTP_00035220	403
55	GSMarena - Samsung Galaxy Tab A 8.0 (2017)				401, 402, 403, H, A, BE, LF, LK, MISSING
56	Samsung Tablet User Manual (Galaxy Tab A)				401, 402, 403, H, LK, LF; MISSING
57	Samsung Tablet User Manual (Galaxy Tab A)				401, 402, 403, H, LK, LF; MISSING
58	Samsung User Manual (SM-N930F, SM-N930FD); Rev.1.2	10/2016			401, 402, 403, H, A, LK, LF, DE, MISSING
59	Excel Spreadsheet Technology Breakdown references Body/hand Skelton tracking for AR Emoji		SAM_GTP_00031849	SAM_GTP_00031849	FL, 401, 402, 403, LF, LK, H
60	"Face Recognition" Application PM Group Presentation	12/6/2016	SAM_GTP_00033341	SAM_GTP_00033350	401, 402, 403, H, LF, LK
61	"Improving RLH" Sawtooth Software Forum, <a href="https://sawtoothware.com/forum/4847/improving-rlh">https://sawtoothware.com/forum/4847/improving-rlh</a>	10/19/2021			401, 402, 403, H, A, BE, LF, LK, MISSING
62	"Samsung Galaxy S8 Teardown (SM-G950W)," TechInsights, April 25, 2017; available at <a href="https://www.techinsights.com/blog/samsung-galaxy-s8-teardown-sm-g950w">https://www.techinsights.com/blog/samsung-galaxy-s8-teardown-sm-g950w</a>	4/25/2017			401, 402, 403, H, A, LF, LK, MISSING
63	"Samsung Galaxy S9 Teardown," TechInsights, March 21, 2018; available at <a href="https://www.techinsights.com/blog/samsung-galaxy-s9-teardown">https://www.techinsights.com/blog/samsung-galaxy-s9-teardown</a>				401, 402, 403, H, A, LF, LK, MISSING
64	[Galaxy S9/S9+] Biometrics	2/3/2018	SAM_GTP_00035389	SAM_GTP_00035395	401, 402, 403, H, LF, LK
65	"[Tips and Tricks] Let's Take a Selfie," available at <a href="https://consumer.huawei.com/en/community/details/Tips-and-Tricks-%F0%9F%92%A1-Let-s-Take-a-Selfie/topicId_73771/">https://consumer.huawei.com/en/community/details/Tips-and-Tricks-%F0%9F%92%A1-Let-s-Take-a-Selfie/topicId_73771/</a>				401, 402, 403, H, A, U, LK, LF, MISSING
66	"5 mobile phones for all budgets which use facial recognition technology," NEC, July 28, 2020; available at <a href="https://www.nec.co.nz/market-leadership/publications-media/5-mobile-phones-all-budgets-facial-recognition/">https://www.nec.co.nz/market-leadership/publications-media/5-mobile-phones-all-budgets-facial-recognition/</a>	7/8/2020			401, 402, 403, H, A, U, LK, LF, MISSING

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67	“A brief timeline of the Samsung Galaxy S smartphone,” Verizon website, accessed October 16, 2021; available at <a href="https://www.verizon.com/articles/A-brief-timeline-of-the-Samsung-Galaxy-S-smartphone/">https://www.verizon.com/articles/A-brief-timeline-of-the-Samsung-Galaxy-S-smartphone/</a>	10/16/2021			401, 402, 403, H, A, U, LK, LF, MISSING
68	“About Attention Aware features on your iPhone X or iPad Pro,”; available at <a href="https://support.apple.com/en-us/HT208245">https://support.apple.com/en-us/HT208245</a>				401, 402, 403, H, A, U, LK, LF, MISSING
69	“About Face ID advanced technology,” available at <a href="https://support.apple.com/en-us/HT208108">https://support.apple.com/en-us/HT208108</a>				401, 402, 403, H, A, U, LK, LF, MISSING
70	“Air Scroll: A Touchscreen You Can Direct,” available at <a href="https://consumer.huawei.com/en/emui10-1/tips/get-familiar-list/article7/#:~:text=You%20Can%20Direct-Air%20Scroll%3A%20A%20Touchscreen%20You%20Can%20Direct,Turn%20it%20on">https://consumer.huawei.com/en/emui10-1/tips/get-familiar-list/article7/#:~:text=You%20Can%20Direct-Air%20Scroll%3A%20A%20Touchscreen%20You%20Can%20Direct,Turn%20it%20on</a>				401, 402, 403, H, A, U, LK, LF, MISSING
71	“Alcatel Onetouch Launches Two New Affordable Smartphones with T-Mobile,” Alcatel Press release, August 27, 2014; available at <a href="https://post.alcatelonetouch.us/2014/08/alcatel-onetouch-launches-two-new-affordable-smartphones-with-t-mobile/">https://post.alcatelonetouch.us/2014/08/alcatel-onetouch-launches-two-new-affordable-smartphones-with-t-mobile/</a>	8/27/2014			401, 402, 403, H, A, U, LK, LF, MISSING
72	“Apple’s ‘Memoji’ speak to the psychology of why humans love our digital avatars,” available at <a href="https://www.salon.com/2018/06/05/apples-memoji-speak-to-the-psychology-of-why-humans-love-personalized-digital-avatars/">https://www.salon.com/2018/06/05/apples-memoji-speak-to-the-psychology-of-why-humans-love-personalized-digital-avatars/</a>	6/5/2018			401, 402, 403, H, A, U, LK, LF, MISSING
73	“Basic Gestures – Air Gestures,” available at <a href="https://consumer.huawei.com/en/support/content/en-us00753853/">https://consumer.huawei.com/en/support/content/en-us00753853/</a>				401, 402, 403, H, A, U, LK, LF, MISSING
74	“Before owning your current smartphone, have you owned a phone from the same manufacturer?” Statista Survey, April 2017; available at <a href="https://www.statista.com/statistics/716086/smartphone-brand-loyalty-in-us/">https://www.statista.com/statistics/716086/smartphone-brand-loyalty-in-us/</a>	Apr-17			401, 402, 403, H, A, U, LK, LF, MISSING
75	“Best Camera Phones,” CNET 2015-2020 ; available at <a href="https://web.archive.org/web/20201224085241/https://www.cnet.com/news/best-camera-phone-for-2020/">https://web.archive.org/web/20201224085241/https://www.cnet.com/news/best-camera-phone-for-2020/</a>	2015-2020			401, 402, 403, H, A, U, LK, LF, MISSING
76	“Express your feelings with 3D Qmojis,” available at <a href="https://consumer.huawei.com/uk/support/faq/express-your-feelings-with-3d-qmojis">https://consumer.huawei.com/uk/support/faq/express-your-feelings-with-3d-qmojis</a>				401, 402, 403, H, A, U, LK, LF, MISSING
77	“Face Recognition – Setting Up,” available at <a href="https://www.lg.com/ca_en/support/product-help/CT31903570-20150469980357">https://www.lg.com/ca_en/support/product-help/CT31903570-20150469980357</a>				401, 402, 403, H, A, U, LK, LF, MISSING
78	“Facial recognition,” available at <a href="https://consumer.huawei.com/en/support/content/en-us00979778/">https://consumer.huawei.com/en/support/content/en-us00979778/</a>				401, 402, 403, H, A, U, LK, LF, MISSING

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