

# 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

PTX	Description	Date	Beginning Bates	Ending Bates	Objections
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

PTX	Description	Date	Beginning Bates	Ending Bates	Objections
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

PTX	Description	Date	Beginning Bates	Ending Bates	Objections
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

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.