Zhong, Annita

From: Deol, Ravi <Ravi.Deol@wilmerhale.com>

Sent: Friday, July 3, 2020 5:42 PM

To: PanOptis_Apple2; #Hilco/PanOptis v Apple [Int]; 'Ppm_Apple@grayreed.com'; Sheasby,

Jason; Steven J. Pollinger; Vicki Merideth; Jill Bindler

Cc: WH Apple Optis Service; ~Smith, Melissa; ~Arias, Diana

Subject: RE: Optis Wireless Technology, LLC, et al., v. Apple Inc., Case No. 2:19-cv-00066 (E.D.

Tex.) -- § 282 Disclosure

Attachments: 2020-07-03 Apple's Identification of Prior Art Pursuant to 35 USC 282.pdf

Counsel,

I'm resending the attached as I received bounce-back messages.

Best,

Ravi Deol | WilmerHale

+1 720 598 3459 (t)

From: Deol, Ravi <Ravi.Deol@wilmerhale.com>

Sent: Friday, July 3, 2020 6:37 PM

To: PanOptis_Apple2@McKoolSmith.com; panoptis-Apple@irell.com; ppm_apple@grayreed.com

Cc: WH Apple Optis Service <WHAppleOptisService@wilmerhale.com>; melissa@gillamsmithlaw.com; 'Diana Arias'

<diana@gillamsmithlaw.com>

Subject: Optis Wireless Technology, LLC, et al., v. Apple Inc., Case No. 2:19-cv-00066 (E.D. Tex.) -- § 282 Disclosure

Counsel,

Attached for service, please find Apple Inc.'s Identification of Prior Art Pursuant to 35 U.S.C. § 282.

Have a happy and safe 4th,

Ravi Deol* | WilmerHale

1225 Seventeenth St.

Suite 2600

Denver, CO 80202 USA

+1 720 598 3459 (t)

+1 720 274 3133 (f)

ravi.deol@wilmerhale.com

* Not admitted to practice in Colorado. Admitted in Illinois and Texas. Practice supervised by members of the firm who are members of the Colorado bar.

Please consider the environment before printing this email.

This email message and any attachments are being sent by Wilmer Cutler Pickering Hale and Dorr LLP, are confidential, and may be privileged. If you are not the intended recipient, please notify us immediately—by replying to this message or by sending an email to postmaster@wilmerhale.com—and destroy all copies of this message and any attachments. Thank you.

For more information about WilmerHale, please visit us at http://www.wilmerhale.com.



IN THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS MARSHALL DIVISION

OPTIS WIRELESS TECHNOLOGY, LLC, OPTIS CELLULAR TECHNOLOGY, LLC, UNWIRED PLANET, LLC, UNWIRED PLANET INTERNATIONAL LIMITED, AND PANOPTIS PATENT MANAGEMENT, LLC,

Civil Action No. 2:19-cv-00066-JRG

JURY TRIAL DEMANDED

Plaintiffs,

v.

APPLE INC.,

Defendant.

APPLE INC.'S IDENTIFICATION OF PRIOR ART PURSUANT TO 35 U.S.C. § 282



Pursuant to 35 U.S.C. § 282, Defendant Apple Inc. ("Apple") hereby provides notice of its intention to rely on the following patents, publications, and witnesses to establish prior art to U.S. Patent No. 8,005,154, U.S. Patent No. 8,019,332, U.S. Patent No. 8,385,284, U.S. Patent No. 8,411,557, U.S. Patent No. 9,001,774, and U.S. Patent No. 8,102,833, to show the state of the art, or to establish the other matters described in 35 U.S.C. § 282.

The identification of prior art references and persons does not mean that Apple will use every one of these references or present every such witness at trial. Rather, Apple has disclosed or will disclose the specific references, exhibits, and persons on which it intends to rely consistent with the rulings, directions, and procedures set forth by the Court or otherwise agreed by the parties.

In addition to the items expressly listed in this notice, Apple incorporates by reference all information set forth in the parties' initial disclosures, expert reports, expert and fact witness depositions, the trial exhibit list, the trial witness list, the pleadings and papers on file in this matter, the written discovery and discovery responses including, without limitation, Apple's invalidity contentions, any motions filed, and exhibits and demonstratives at trial, and the prior art identified in the prosecution histories of the asserted patents.

I. PATENTS

No.	Country	Number	Date Issued/	Patentee	Bates Range
			Published		
1	U.S.	8,005,154	08/23/2011	Kwon, et al.	POAP_00003250 -
					POAP_00003268
2	U.S.	8,019,332	09/13/2011	Lee, et al.	POAL-00003270-
					POAL-00003297
3	U.S.	8,102,833	01/24/2012	Lee, et al.	POAP_00003298-
					POAP_00003314
4	U.S.	8,385,284	02/26/2013	Wengerter, et al.	POAP_00003316-
					POAP_00003340
5	U.S.	8,411,557	04/02/2013	Imamura, et al.	POAP_00003341-
					POAP_00003359



Color	No.	Country	Number	Date Issued/	Patentee	Bates Range
POAP	110.	Country	Number		1 attrice	Dates Range
Toskala, ct al. APL-UPPO_004116083-APL-UPPO_004116101-APL-UPPO_004116101-APL-UPPO_004116101-APL-UPPO_004116101-APL-UPPO_004116101-APL-UPPO_004116101-APL-UPPO_004116101-APL-UPPO_004116082-APL-UPPO_004116082-APL-UPPO_004116082-APL-UPPO_004116082-APL-UPPO_004116082-APL-UPPO_004116082-APL-UPPO_004116082-APL-UPPO_000582741-APL-UPPO_000582741-APL-UPPO_000582741-APL-UPPO_000582741-APL-UPPO_000582741-APL-UPPO_000582741-APL-UPPO_000582741-APL-UPPO_000582741-APL-UPPO_000580549-APL-UPPO_000580549-APL-UPPO_000580565-APL-UPPO_004116073-APL-UPPO_004116073-APL-UPPO_004116073-APL-UPPO_004115173-APL-UPPO_004115173-APL-UPPO_004115173-APL-UPPO_004115173-APL-UPPO_004115173-APL-UPPO_004115173-APL-UPPO_004115173-APL-UPPO_004115110-APL-UPPO_004115110-APL-UPPO_004115120-APL-UPPO_004115120-APL-UPPO_004115120-APL-UPPO_004115120-APL-UPPO_004115120-APL-UPPO_004115121-APL-UPPO_004115123-APL-UPPO_004115123-APL-UPPO_004115123-APL-UPPO_004115133-APL-UPPO_004	6	U.S.	9,001,774	04/07/2015	Khan	POAP _00003374-
APL-UPPO 004116100						POAP 00003390
Section Sect	7	U.S.	6,975,615	12/13/2005	Toskala, et al.	APL-UPPO_004116083-
APL-UPPO 004116115						APL-UPPO 004116100
9 U.S.	8	U.S.	8,331,328	12/11/2012	Papasakellariou, et al.	_
Name						
10	9	U.S.	6,732,316	05/04/2004	Tong, et al.	_
11						
11	10	U.S.	8,467,367	01/18/2003	Malladi, et al.	<u> </u>
APL-UPPO 000580565						
12	11	U.S.	2006/0262871	11/23/2006	Cho	_
APL-UPPO 004116073						_
13 U.S.	12	U.S.	6,421,527	07/16/2002	DeMartin, et al.	_
2008/0304467						_
14 U.S. 2003/0185159 10/02/2003 Seo, et al. APL-UPPO_004115077-APL-UPPO_004115110 15 U.S. Publication No. 05/11/2006 Oh, et al. APL-UPPO_004115111- 2006/0098568 APL-UPPO_004115111- APL-UPPO_004115120 16 U.S. 8,374,161 02/12/2013 Malladi APL-UPPO_000582655- APL-UPPO_000582655- APL-UPPO_000582655- APL-UPPO_000582655- APL-UPPO_000582682 17 U.S. Publication No. 05/03/2007 Tirkkonen et al. APL-UPPO_004115121- APL-UPPO_004115133 18 U.S. Publication No. 06/28/2007 Wang et al. APL-UPPO_004115134- APL-UPPO_004115144- 2007/0149206 APL-UPPO_004115144- APL-UPPO_004115147- 2010/0067495 APL-UPPO_004115187 20 U.S. Publication No. 11/01/2007 Dalsgaard APL-UPPO_004115187- APL-UPPO_004115157 21 U.S. Publication No. 10/14/2010 Zhu APL-UPPO_004115188- APL-UPPO_004115201 22 U.S. 6,188,717 02/13/2001 Kaiser, et al. APL-UPPO_004116048- APL-UPPO_004116048- APL-UPPO_004116048- APL-UPPO_004116048- APL-UPPO_000583205- WO2005/002103A1 APL-UPPO_000583267 24 PCT Publication No. 01/06/2005 Murakami et al. APL-UPPO_000583267 APL-UPPO_000583267 25 U.S. Publication No. 01/31/2002 Hottinen et al. APL-UPPO_000580674 APL-UPPO_000583674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-	13	U.S.		12/11/2008	Papasakellariou, et al.	_
APL-UPPO 004115110						-
15 U.S. Publication No. 2006/0098568 05/11/2006 Oh, et al. APL-UPPO_004115111-APL-UPPO_004115120	14	U.S.	2003/0185159	10/02/2003	Seo, et al.	_
2006/0098568			- 44	0.7/11/17 0.05		-
16	15	U.S.		05/11/2006	Oh, et al.	<u> </u>
APL-UPPO 000582682 17 U.S.				0.0 / 1.0 / 2.0 / 2.0	3.5.44.44	_
17 U.S.	16	U.S.	8,374,161	02/12/2013	Malladi	_
APL-UPPO 004115133		*** ~	D 111 1 37	0.7/0.2/2.00	m: 11	-
18 U.S. Publication No. 2007/0149206 06/28/2007 Wang et al. APL-UPPO_004115134-APL-UPPO_004115134-APL-UPPO_004115144 19 U.S. Publication No. 2010/0067495 Lee et al. APL-UPPO_004115174-APL-UPPO_004115187 20 U.S. Publication No. 2007/0254656 11/01/2007 Dalsgaard APL-UPPO_004115187-APL-UPPO_004115187 21 U.S. Publication No. 2010/0260140 25 U.S. APL-UPPO_004115188-APL-UPPO_004115201 22 U.S. 6,188,717 02/13/2001 Kaiser, et al. APL-UPPO_004116048-APL-UPPO_004116066 23 PCT Publication No. WO2005/002103A1 01/06/2005 Murakami et al. APL-UPPO_000583205-APL-UPPO_000583267 24 PCT Publication No. WO2005/002103A1 (Japanese) 01/31/2002 Hottinen et al. APL-UPPO_000580657-APL-UPPO_000580657-APL-UPPO_000580674 25 U.S. Publication No. 2002/0012380A1 Frederiksen et al. APL-UPPO_000583674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-	17	U.S.		05/03/2007	Tirkkonen et al.	<u> </u>
2007/0149206 APL-UPPO_004115144	10	TIC		06/20/2007	XX . 1	_
19 U.S. Publication No. 2010/0067495 03/18/2010 Lee et al. APL-UPPO 004115174-APL-UPPO 004115187 20 U.S. Publication No. 2007/0254656 11/01/2007 Dalsgaard APL-UPPO 004115145-APL-UPPO 004115157 21 U.S. Publication No. 2010/0260140 2010/0260140 Zhu APL-UPPO 004115201 22 U.S. 6,188,717 02/13/2001 Kaiser, et al. APL-UPPO 004116048-APL-UPPO 004116066 23 PCT Publication No. WO2005/002103A1 01/06/2005 Murakami et al. APL-UPPO 000583205-APL-UPPO 000583267 24 PCT Publication No. WO2005/002103A1 (Japanese) Murakami et al. APL-UPPO 000580657-APL-UPPO 000580657-APL-UPPO 000580674 25 U.S. Publication No. 2002/0012380A1 Publication No. 12/18/2008 Frederiksen et al. APL-UPPO 000573530-	18	U.S.		06/28/2007	Wang et al.	<u> </u>
2010/0067495 APL-UPPO 004115187	10	TIC		02/10/2010	Т , 1	_
20 U.S. Publication No. 2007/0254656 11/01/2007 Dalsgaard APL-UPPO_004115145-APL-UPPO_004115157 21 U.S. Publication No. 2010/0260140 10/14/2010 Zhu APL-UPPO_004115188-APL-UPPO_004115201 22 U.S. 6,188,717 02/13/2001 Kaiser, et al. APL-UPPO_004116048-APL-UPPO_004116066 23 PCT Publication No. WO2005/002103A1 01/06/2005 Murakami et al. APL-UPPO_000583205-APL-UPPO_000583267 24 PCT Publication No. WO2005/002103A1 (Japanese) Murakami et al. APL-UPPO_000583465 25 U.S. Publication No. 2002/0012380A1 Hottinen et al. APL-UPPO_000580657-APL-UPPO_000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-	19	U.S.		03/18/2010	Lee et al.	<u> </u>
2007/0254656 APL-UPPO 004115157	20	IIC		11/01/2007	D-11	
21 U.S. Publication No. 2010/0260140 10/14/2010 Zhu APL-UPPO_004115188-APL-UPPO_004115201 22 U.S. 6,188,717 02/13/2001 Kaiser, et al. APL-UPPO_004116048-APL-UPPO_004116066 23 PCT Publication No. WO2005/002103A1 01/06/2005 Murakami et al. APL-UPPO_000583205-APL-UPPO_000583267 24 PCT Publication No. WO2005/002103A1 (Japanese) Murakami et al. APL-UPPO_000583465 25 U.S. Publication No. 2002/0012380A1 01/31/2002 Hottinen et al. APL-UPPO_000580657-APL-UPPO_000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-	20	0.5.		11/01/2007	Daisgaard	_
2010/0260140 APL-UPPO 004115201	21	IIC		10/14/2010	71,,,	
22 U.S. 6,188,717 02/13/2001 Kaiser, et al. APL-UPPO_004116048-APL-UPPO_004116066 23 PCT Publication No. WO2005/002103A1 01/06/2005 Murakami et al. APL-UPPO_000583205-APL-UPPO_000583267 24 PCT Publication No. WO2005/002103A1 (Japanese) 01/06/2005 Murakami et al. APL-UPPO_000583465 (Japanese) 25 U.S. Publication No. 2002/0012380A1 Hottinen et al. APL-UPPO_000580657-APL-UPPO_000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-	21	0.3.		10/14/2010	Zilu	_
APL-UPPO 004116066	22	IIC		02/12/2001	Voicer et al	-
23 PCT Publication No. WO2005/002103A1 01/06/2005 Murakami et al. APL-UPPO_000583205-APL-UPPO_000583267 24 PCT Publication No. WO2005/002103A1 (Japanese) 01/06/2005 Murakami et al. APL-UPPO_000583387-APL-UPPO_000583465 25 U.S. Publication No. 2002/0012380A1 01/31/2002 Hottinen et al. APL-UPPO_000580657-APL-UPPO_000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-	22	U.S.	0,100,/1/	02/13/2001	Kaisei, et al.	_
WO2005/002103A1 APL-UPPO 000583267 24 PCT Publication No. WO2005/002103A1 (Japanese) 01/06/2005 Murakami et al. APL-UPPO 000583387-APL-UPPO 000583465 25 U.S. Publication No. 2002/0012380A1 01/31/2002 Hottinen et al. APL-UPPO 000580657-APL-UPPO 000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO 000573530-	22	DCT	Publication No.	01/06/2005	Murakami at al	
24 PCT Publication No. WO2005/002103A1 (Japanese) 01/06/2005 Murakami et al. APL-UPPO_000583387-APL-UPPO_000583465 25 U.S. Publication No. 2002/0012380A1 01/31/2002 Hottinen et al. APL-UPPO_000580657-APL-UPPO_000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-	23	rcı		01/00/2003	Williakaiiii Ci ai.	_
WO2005/002103A1 APL-UPPO_000583465	24	PCT		01/06/2005	Murakami et al	
Column	24	101		01/00/2003	Widiakaiii Ct ai.	_
25 U.S. Publication No. 2002/0012380A1 01/31/2002 Hottinen et al. APL-UPPO_000580657-APL-UPPO_000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-						7 II L-011 0_000303403
2002/0012380A1 APL-UPPO 000580674 26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO 000573530-	25	US	` 1 /	01/31/2002	Hottinen et al	APL-UPPO 000580657-
26 U.S. Publication No. 12/18/2008 Frederiksen et al. APL-UPPO_000573530-				31/31/2002	Troumon of an	<u> </u>
	26	U.S.		12/18/2008	Frederiksen et al	_
			2008/0313521	12, 13, 2000	1 1 3 de l'illio d'il d'il d'il	APL-UPPO 000573541



No.	Country	Number	Date Issued/ Published	Patentee	Bates Range
27	U.S.	Publication No.	10/12/2006	Dottling et al.	APL-UPPO_000572647-
		2006/0227789			APL-UPPO_000572667
28	U.S.	7,426,201	09/16/2008	Kim et al.	APL-UPPO_000575151-
					APL-UPPO_000575171
29	U.S.	Publication No.	08/02/2007	Lundby	APL-UPPO_000576852-
		2007/0177569			APL-UPPO 000576880
30	U.S.	8,645,786	02/04/2014	Michel et al.	APL-UPPO_000576895-
					APL-UPPO 000576906
31	U.S.	8,363,624	01/29/2013	Blanz et al.	APL-UPPO_000571344-
					APL-UPPO 000571365
32	U.S.	6,304,991	10/16/2001	Rowitch et al.	APL-UPPO_000581186-
					APL-UPPO_000581198
33	U.S.	8,401,542	03/19/2013	Chung et al.	APL-UPPO_000582024-
					APL-UPPO_000582055
34	U.S.	7,873,004	01/18/2011	Lee et al.	APL-UPPO_002497782-
					APL-UPPO_002497809
35	U.S.	Publication No.	09/24/2009	Kim, et al.	APL-UPPO_003009229-
		2009/0238091			APL-UPPO_003009253
36	U.S.	7,016,925	03/21/2006	Schmidt	APL-UPPO_004114087-
					APL-UPPO_004114125
37	U.S.	Publication No.	08/16/2007	Nagaraj	APL-UPPO_004178655-
		2007/0192655			APL-UPPO_004178669
38	U.S.	8,009,637	08/30/2011	Harris et al.	APL-UPPO_000581861-
					APL-UPPO_000581872
39	U.S.	Publication No.	07/19/2007	Tan et al.	APL-UPPO_004121642-
		2007/0165567			APL-UPPO_004121662
40	U.S.	8,000,305	08/16/2011	Tan et al.	APL-UPPO_000581840-
		_			APL-UPPO 000581860
41	U.S.	2006/0018336	01/26/2006	Sutivong et al.	APL-UPPO_000580949-
					APL-UPPO 000580966
42	PCT	Publication No.	02/23/2006	Sutivong et al.	POAP_00017046-
		WO2006/019710			POAP_00017083

II. PUBLICATIONS¹

No.	Title, Author	Date	Pages	Bates Range
1	Wells, Multi-Gigabit Microwave and Millimeter-	2010	All	APL-UPPO_004115688-
	Wave: Wireless Communications (Artech House,			APL-UPPO_004115963
	Boston 2010)			
2	3GPP TS 36.211 V2.0.0 (2007-09)	09/24/2007	All	APL-UPPO 000565723-
				APL-UPPO_000565771

¹ Apple incorporates by reference the opening reports of its experts to establish the public availability of 3GPP and ETSI materials.



DOCKET

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.

