

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

LG ELECTRONICS INC.,

Petitioner,

v.

PANTECH WIRELESS, LLC

Patent Owner.

Case IPR2023-01272

U.S. Patent No. 9,065,486

PETITIONER'S UPDATED LIST OF EXHIBITS

UPDATED LIST OF EXHIBITS

Exhibit ("Ex.")	Description
Ex. 1001	U.S. Patent No. 9,065,486 ("’486")
Ex. 1002	File History of U.S. Patent No. 9,065,486 ("’486 FH)
Ex. 1003	Declaration of Dr. Bertrand Hochwald in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 9,065,486 ("Hochwald")
Ex. 1004	Declaration of Friedhelm Rodermund in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 9,065,486 ("Rodermund")
Ex. 1005	U.S. Patent No. 7,260,770 ("Stewart")
Ex. 1006	R1-01-1014, "A New Hybrid-ARQ Scheme Using Incremental Redundancy," submitted by Motorola for 3GPP Meeting R1-ah-22010 (Nov 5-7, 2001) ("Motorola")
Ex. 1007	R1-01-1047, "Overview of Proposed Schemes for Incremental Redundancy," submitted by Ericsson for 3GPP Meeting R1-ah-22010 (Nov 5-7, 2001) ("3GPP-Summary")
Ex. 1008	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 5) (3GPP TS 25.212 version 5.1.0)
Ex. 1009	Lin et al., "Error Control Coding: Fundamentals and Applications"
Ex. 1010	File History of E.P. No. 1573923
Ex. 1011	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (TDD) (Release 1999) (3GPP TS 25.222 version 3.8.0)
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Ex. 1015	U.S. Patent No. 6,356,601 ("Chen")
Ex. 1016	File History of U.S. Patent No. 7,293,217
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Ex. 1019	File History of U.S. Patent No. 8,788,920
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Ex. 1023	Docket Navigator "Time to Trial" report for Judge Robert W. Schroeder
Ex. 1024	USCourts.gov "U.S. District Court – Judicial Caseload Profile" for Eastern District of Texas
Ex. 1025	The Authoritative Dictionary of IEEE Standard Terms, 7 th Edition
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Ex. 1027	U.S. Patent Application Publication No. 2005/0094667 ("Dahlman-667")
Ex. 1028	U.S. Patent No. 7,372,837 ("Kinjo")
Ex. 1029	U.S. Patent No. 7,000,173 ("Buckley")
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Ex. 1031	U.S. Patent No. 6,760,365 ("Demir")

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Ex. 1032	E.P. Patent No. 1209856 ("Miya")
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Ex. 1036	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 3.5.0 Release 1999)
Ex. 1037	Ghosh et al., "Incremental Redundancy (IR) Schemes for W-CDMA HS-DSCH"
Ex. 1038	U.S. Patent No. 6,744,744 ("Tong")
Ex. 1039	U.S. Patent No. 7,170,849 ("Arivoli")
Ex. 1040	U.S. Patent Application Publication No. 2004/0037224 ("Choi")
Ex. 1041	U.S. Patent No. 7,286,540 ("Kim-540")
Ex. 1042	U.S. Patent No. 7,362,733 ("Kim-733")
Ex. 1043	Frenger et. al., "Performance Comparison of HARQ with Chase Combining and Incremental Redundancy for HSDPA"
Ex. 1044	U.S. Patent No. 6,671,851 ("Moulsley")
Ex. 1045	R1-01-1014 Metadata
Ex. 1046	U.S. Patent No. 8,074,143 ("143 patent")
Ex. 1047	Joint Claim Construction and Prehearing Statement, <i>Pantech Corp. et al. v. LG Electronics Inc. et al.</i> , Case 5:22-cv-00113-RWS-JBB (E.D. Texas), Dkt. No. 118.
Ex. 1048	Declaration of Jonathan Bradford

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Ex. 1049 to Ex. 1050	Reserved
Ex. 1051	Webpage, available at https://archive.org/legal/affidavit.php
Ex. 1052	Internet Archive Capture, available at https://web.archive.org/web/20020126155238/http://www.3gpp.org:80/TB/home.htm
Ex. 1053	Internet Archive Capture, available at https://web.archive.org/web/20020926134824/http://www.3gpp.org:80/
Ex. 1054	Internet Archive Capture, available at https://web.archive.org/web/20021015011140/http://www.3gpp.org:80/TB/RAN/RAN1/RAN1.htm
Ex. 1055	Internet Archive Capture, available at https://web.archive.org/web/20020806041024/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/
Ex. 1056	Internet Archive Capture, available at https://web.archive.org/web/20020403145941/http://www.3gpp.org:80/ftp/tsg_ran/WG1_RL1/R1_Ad_Hocs/HSDPA_Ad_Hoc/
Ex. 1057	Excel file "work_plan_3gpp_020926.xls," retrieved from https://web.archive.org/web/20060625054352/http://www.3gpp.org/ftp/Information/WORK_PLAN/older_versions/work_plan_3gpp_020926.zip (work_plan_3gpp_020926.xls in work_plan_3gpp_020926.zip)
Ex. 1058	Webpage, available at ftp.3gpp.org/Specs
Ex. 1059	Internet Archive Capture, available at https://web.archive.org/web/20020806115924/http://www.3gpp.org/Default.htm

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Ex. 1060	Internet Archive Capture, available at https://web.archive.org/web/20020802092436/http://www.3gpp.org/specs/specs.htm
Ex. 1061	Internet Archive Capture, available at https://web.archive.org/web/20020806054349/http://www.3gpp.org/specs/numbering.htm
Ex. 1062	Internet Archive Capture, available at https://web.archive.org/web/20020806092102/http://www.3gpp.org/specs/titles-numbers.htm
Ex. 1063	Word file entitled "3GPP specifications - List of all specification numbers and titles," retrieved from https://web.archive.org/web/20071101043800/http://www.3gpp.org/specs/3GPP-Spec-Titles.zip (3GPP-Spec-Titles.doc in 3GPP-Spec-Titles.zip)
Ex. 1064	Internet Archive Capture, available at https://web.archive.org/web/20021015011140/http://www.3gpp.org/TB/RAN/RAN1/RAN1.htm
Ex. 1065	Internet Archive Capture, available at https://web.archive.org/web/20021022011153/http://www.3gpp.org/TB/RAN/RAN1/specs.htm
Ex. 1066	Internet Archive Capture, available at https://web.archive.org/web/20020628215611/http://www.3gpp.org/ftp/specs/archive/
Ex. 1067	Internet Archive Capture, available at https://web.archive.org/web/20020701091801/http://www.3gpp.org:80/ftp/specs/archive/25_series/
Ex. 1068	Internet Archive Capture, available at https://web.archive.org/web/20020912200940/http://www.3gpp.org:80/ftp/Specs/archive/25_series/25.212/

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Ex. 1069	Internet Archive Capture, available at https://web.archive.org/web/20020803112613/http://www.3gpp.org/ftp/Specs/latest/
Ex. 1070	Internet Archive Capture, available at https://web.archive.org/web/20020804015202/http://www.3gpp.org/ftp/Specs/latest/Rel-5/
Ex. 1071	Internet Archive Capture, available at https://web.archive.org/web/20020812090150/http://www.3gpp.org:80/ftp/Specs/latest/Rel-5/25_series/
Ex. 1072	Internet Archive Capture, available at https://web.archive.org/web/20051103081215/http://list.3gpp.org/scripts/wa.exe?SUBED1=3gpp_tsg_ran_wg1&A=1
Ex. 1073	Webpage, available at https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_AH/HSDPA_Ad_Hoc/Docs/Zips/
Ex. 1074	R1-01-1014, retrieved from https://list.etsi.org/scripts/wa.exe?A3=ind0110&L=3GPP_TSG_RAN_WG1&E=base64&P=2072790&B=-----%3D%20NextPart%2000%201C15C16.5D43E0D0&T=application%2Foctet-stream;%20name=%22R1-01-1014.zip%22&N=R1-01-1014.zip&attachment=q&X=6DEE3DFAFC65AFF81C&Y=friedhelm.rodermund%40iotecc.com (R1-01-1014.doc in R1-01-1014.zip)
Ex. 1075	Webpage, available at https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_RAN_WG1;84332eeb.0110&S=
Ex. 1076	Webpage, available at https://web.archive.org/web/20010518052528/http://list.etsi.org/
Ex. 1077	Internet Archive Capture, available at https://web.archive.org/web/20020604215730/http://list.etsi.org:80/

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Ex. 1078	Internet Archive Capture, available at https://web.archive.org/web/20050824015238/http://www.3gpp.org:80/ftp/tsg_ran/WG1_RL1/
Ex. 1079	Internet Archive Capture, available at https://web.archive.org/web/20051123162134/http://www.3gpp.org:80/ftp/tsg_ran/WG1_RL1/
Ex. 1080	Internet Archive Capture, available at https://web.archive.org/web/20011223090820/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/R1_Ad_Hocs/
Ex. 1081	Internet Archive Capture, available at https://web.archive.org/web/20020619173234/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/R1_Ad_Hocs/
Ex. 1082	Internet Archive Capture, available at https://web.archive.org/web/20020415205129/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/R1_Ad_Hocs/HSDPA_Ad_Hoc/Docs/
Ex. 1083	Internet Archive Capture, available at https://web.archive.org/web/20040519152539/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/R1_Ad_Hocs/HSDPA_Ad_Hoc/Docs/Zips/
Ex. 1084	R1-01-1014 in R1-01-1014.zip, retrieved from https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_AH/HSDPA_Ad_Hoc/Docs/Zips/R1-01-1014.zip
Ex. 1085	Webpage, available at https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_AH/HSDPA_Ad_Hoc/Report
Ex. 1086	R1-01-1081 in R1-01-1105.zip, retrieved from https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_AH/HSDPA_Ad_Hoc/Report/R1-01-1105.zip

Exhibit ("Ex.")	Description
Ex. 1087	R1-01-1081, in R1-01-1081.zip, retrieved from https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_AH/HSDPA_Ad_Hoc/Docs/Zips/R1-01-1081.zip
Ex. 1088	Redline comparing disclosures of R1-01-1014 and R1-01-1081
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Ex. 1091	R1-01-1047, in R1-01-1047.zip, retrieved https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_AH/HSDPA_Ad_Hoc/Docs/Zips/R1-01-1047.zip
Ex. 1092	Webpage, available at https://www.3gpp.org/ftp/Specs/archive/25_series/25.212
Ex. 1093	Webpage, available at https://www.etsi.org/deliver/etsi_ts/125200_125299/125212/05.01.00_60/
Ex. 1094	ETSI TS 125 212 V5.1.0 (2002-06), retrieved from https://www.etsi.org/deliver/etsi_ts/125200_125299/125212/05.01.00_60/ts_125212v050100p.pdf
Ex. 1095	Internet Archive Capture, available at https://web.archive.org/web/20020202222234/http://etsi.org/getastandard/home.htm
Ex. 1096	Internet Archive Capture, available at https://web.archive.org/web/20020202222234/http://etsi.org/getastandard/home.htm
Ex. 1097	Internet Archive Capture, available at https://web.archive.org/web/20020912200940/http://www.3gpp.org/ftp/Specs/archive/25_series/25.212/

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Ex. 1098	3GPP TS 25.212 V5.1.0 (2002-06), retrieved from https://www.3gpp.org/ftp/Specs/archive/25_series/25.212/25212-510.zip (25212-510.doc in 25212-510.zip)
Ex. 1099	Internet Archive Capture, available at https://web.archive.org/web/20020626102256/http://www.3gpp.org/TB/ran/ran1/specs.htm
Ex. 1100	Kumar, Ratnam V. Raja, "Development of a CDMA system with RAKE receiver for the third generation wireless communication systems," 2002 IEEE International Conference on Personal Wireless Communications, December 15-17, 2002
Ex. 1101	Webpage, available at https://ieeexplore.ieee.org/abstract/document/1177299
Ex. 1102	Webpage, available at https://www.3gpp.org/ftp/Specs/archive/25_series/25.222
Ex. 1103	Webpage, available at https://www.etsi.org/deliver/etsi_ts/125200_125299/125222/03.08.00_60/
Ex. 1104	ETSI TS 125 222 V3.8.0 (2002-03), retrieved from https://www.etsi.org/deliver/etsi_ts/125200_125299/125222/03.08.00_60/ts_125222v030800p.pdf
Ex. 1105	Internet Archive Capture, available at https://web.archive.org/web/20020613173206/http://webapp.etsi.org:80/key/key.asp?full_list=y
Ex. 1106	Internet Archive Capture, available at https://web.archive.org/web/20020531000359/http://www.3gpp.org:80/ftp/specs/archive/25_series/25.222/

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Ex. 1107	Internet Archive Capture, available at https://web.archive.org/web/20020225110409/http://www.3gpp.org:80/TB/ran/ran1/specs.htm
Ex. 1108	Webpage, available at https://www.etsi.org/deliver/etsi_ts/125200_125299/125212/03.05.00_60/
Ex. 1109	ETSI TS 125.212 V3.5.0 (2000-12), retrieved from https://www.etsi.org/deliver/etsi_ts/125200_125299/125212/03.05.00_60/ts_125212v030500p.pdf
Ex. 1110	Internet Archive Capture, available at https://web.archive.org/web/20011020025720/http://etsi.org/getastandard/home.htm
Ex. 1111	Internet Archive Capture, available at https://web.archive.org/web/20011124215727/http://www.3gpp.org/ftp/Specs/archive/25_series/25.212/
Ex. 1112	Internet Archive Capture, available at https://web.archive.org/web/20020111012800/http://www.3gpp.org:80/ftp/Specs/archive/25_series/25.212/
Ex. 1113	3GPP TS 25.212 V3.5.0. (2000-12), in 25212-350.zip, retrieved from https://www.3gpp.org/ftp/Specs/archive/25_series/25.212/25212-350.zip
Ex. 1114	Internet Archive Capture, available at https://web.archive.org/web/20020802173135/http://www.3gpp.org/ftp/Specs/
Ex. 1115	Internet Archive Capture, available at https://web.archive.org/web/20020806031707/http://www.3gpp.org/ftp/Specs/archive/

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Ex. 1116	Internet Archive Capture, available at https://web.archive.org/web/20020701091801/http://www.3gpp.org/ftp/specs/archive/25_series/
Ex. 1117	Internet Archive Capture, available at https://web.archive.org/web/20020531003232/http://www.3gpp.org/ftp/specs/latest/Rel-6/25_series/
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Ex. 1119	TS 25.222 V3.8.0 (2002-03), in 25222-380.zip, retrieved from https://www.3gpp.org/ftp/Specs/archive/25_series/25.222/25222-380.zip
Ex. 1120	Transcript of November 1, 2023 Call with the Board

Respectfully submitted,

Dated: November 6, 2023

By: /James. L. Davis, Jr./
Name: James. L. Davis, Jr.
Counsel for Petitioner
LG ELECTRONICS INC.

CERTIFICATE OF SERVICE

The undersigned certifies that the foregoing PETITIONER'S UPDATED LIST OF EXHIBITS and EXHIBIT 1120 was served in its entirety by filing through the Patent Trial and Appeal Case Tracking System (P-TACTS), as well as providing a courtesy copy via e-mail to the following attorneys of record for the Patent Owner listed below:

<u>Lead Counsel</u> Amanda S. Bonner Registration No. 65,224 Mayer Brown LLP 71 S. Wacker Drive Chicago, IL 60606 Telephone: 312-782-0600 Facsimile: 312-706-8157 asbonner@mayerbrown.com <u>Pantech-LGE-</u> IPRService@mayerbrown.com	<u>Back-Up Counsel</u> James A. Fussell, III Registration No. 54,885 Clark S. Bakewell Registration No. 71,615 Baldine B. Paul Registration No. 54,369 Mayer Brown LLP 1999 K Street NW Washington, D.C. 20006 Telephone: 202-263-3000 Facsimile: 202-263-3300 jfussell@mayerbrown.com cbakewell@mayerbrown.com bpaul@mayerbrown.com
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Dated: November 6, 2023

By: /Dara Del Rosario/
Name: Dara Del Rosario
ROPES & GRAY LLP