

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.,
Petitioner,

v.

ASUS TECHNOLOGY LICENSING INC.,
Patent Owner.

Case No. IPR2024-00614
Patent No. 10,187,878

PATENT OWNER'S UPDATED EXHIBIT LIST

Patent Owner ASUS Technology Inc. ("ASUS") hereby provides notice to the Board that ASUS is filing Exhibits 2065 and 2066. The following is the updated Exhibit List:

Exhibit #	Description
2001	Declaration of Marwan M. Krunz, Ph.D. in Support of Patent Owner's Preliminary Responses ("Krunz")
2002	Deposition Transcript of Dr. Eko Nurgroho Onggosanusi in <i>ASUS Technology Licensing Inc. et al. v. Samsung Electronics Co., Ltd. et al.</i> , 2:23-cv-409-JRG in the United States District Court for the Eastern District of Texas, Marshall Division
2003	Dahlman, Erik et al., "4G, LTE-Advanced Pro and The Road to 5G," Elsevier, 3rd Ed. (July 19, 2016) Electronic version available for purchase from https://shop.elsevier.com/books/4g-lte-advanced-pro-and-the-road-to-5g/dahlman/978-0-12-804575-6 .
2004	R2-163343, <i>Report of 3GPP TSG RAN WG2 meeting #93bis held in Dubrovnik, Croatia April 11-15, 2016</i> (May 27, 2016) Agenda Item: 2.2 Source: ETSI MCC 3GPP TSG-RAN Working Group 2 meeting #94 Nanjing, China, May 23 – 27, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_93bis/Report (last accessed 6/26/2024) and extracted from the downloaded zip file
2005	R2-162601, <i>Discussion on skipping UL grants</i> (April 1, 2016) Agenda Item: 8.8.2 Source: ASUSTek 3GPP TSG-RAN Working Group 2 meeting #93bis

Exhibit #	Description
	Dubrovnik, Croatia April 11-15, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_93bis/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2006	R2-162909, <i>Open issues for skipping UL grants</i> (April 2, 2016) Agenda Item: 8.8.2 Source: Qualcomm Incorporated 3GPP TSG-RAN Working Group 2 meeting #93bis Dubrovnik, Croatia April 11-15, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_93bis/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2007	R2-164670, <i>Report of 3GPP TSG RAN WG2 meeting #94 held in Nanjing, China, May 23-27, 2016</i> (Aug. 26, 2016) Agenda Item: 2.2 Source: ETSI MCC 3GPP TSG-RAN Working Group 2 meeting #95 Gothenburg, Sweden, August 23-26, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_94/Report (last accessed 6/26/2024) and extracted from the downloaded zip file
2008	R2-163692, <i>UCI transmission when UE configured to skip padding BSR</i> (May 13, 2016) Agenda Item: 8.8.2 Source: Nokia, Alcatel-Lucent Shanghai Bell 3GPP TSG-RAN Working Group 2 meeting #94 Nanjing, China, May 23 – 27, 2016

Exhibit #	Description
	Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_94/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2009	R2-164554, <i>LS to RAN1 on RAN2 agreements on skipping Uplink transmission</i> (May 27, 2016) Source: RAN2 To: RAN1 Release: Rel-14 Work Item: LTE_LATRED_L2-Core 3GPP TSG-RAN Working Group 2 meeting #94 Nanjing, China, May 23 – 27, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_94/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file; also available from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_94/LSout (last accessed 6/26/2024)
2010	R2-166054, <i>Report of 3GPP TSG RAN WG2 meeting #95 held in Gothenburg, Sweden, August 23-26, 2016</i> (Oct. 14, 2016) Agenda Item: 2.2 Source: ETSI MCC 3GPP TSG-RAN Working Group 2 meeting #95bis Kaohsiung, Taiwan, October 10 – 14 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_95/Report (last accessed 6/26/2024) and extracted from the downloaded zip file

Exhibit #	Description
2011	R2-165767 (Change Request for TS 36.321, v. 13.2.0), <i>Introduction of L2 latency reduction techniques</i> (September 6, 2016) Rapporteur: Ericsson 3GPP TSG-RAN Working Group 2 meeting #95 Gothenburg, Sweden, August 23-26, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_95/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2012	R2-165532 (Change Request for TS 36.321, v. 13.2.0), <i>Introduction of L2 latency reduction techniques</i> (August 12, 2016) Rapporteur: Ericsson 3GPP TSG-RAN Working Group 2 meeting #95 Gothenburg, Sweden, August 23-26, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_95/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2013	Email dated August 29, 2016 from Henrik Enbuske (of Ericsson), attaching draft R2-165767, available from https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_RAN_WG2;c9575f4.1608E&S (last accessed 6/26/2016)
2014	R1-168528, <i>Reply LS on RAN2 Agreements on Skipping Uplink Transmission</i> (August 31, 2016) Source: RAN1 To: RAN2 Response to: R1-166071/R2-164554 Release: Rel-14 Work Item: LTE_LATRED_L2-Core 3GPP TSG-RAN WG1 meeting #86

Exhibit #	Description
	Gothenburg, Sweden, August 23-26, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/wg1_r11/TSGR1_86/LS/Outgoing/ (last accessed 6/26/2024) and extracted from the downloaded zip file
2015	R1-166665, <i>Discussion of LS from RAN2 on skipping uplink transmission</i> (August 13, 2016) Agenda Item: 5 Source: Qualcomm Incorporated 3GPP TSG-RAN WG1 meeting #86 Gothenburg, Sweden, August 23-26, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/wg1_r11/TSGR1_86/Docs/ (last accessed 6/26/2024) and extracted from the downloaded zip file
2016	R1-1608562, <i>Final Report of 3GPP TSG RAN WG1 #86 v1.0.0</i> (Gothenburg, Sweden, 22nd – 26th August 2016) (Oct. 6, 2016) Source: ETSI MCC Support 3GPP TSG-RAN WG1 meeting #86bis Lisbon, Portugal, October 10 – 14 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/wg1_r11/TSGR1_86/Report as “Final_Minutes_report_RAN1#86_v100.zip” (last accessed 6/26/2024) and extracted from the downloaded zip file
2017	U.S. Patent Publication No. 2012/0113849 to Luo et al., <i>CQI-Only Transmission on the PUSCH</i> (Qualcomm Inc.) (filed Nov. 7, 2011)
2018	U.S. Patent No. 10,980,056 to Wu (“Nokia ‘056 Patent”), <i>Methods and Apparatuses for Skipping Transport Block Transmission Dependent on Uplink Control Information</i>

Exhibit #	Description
	<i>Transmission</i> (PCT filing date: Nov. 16, 2017, claiming priority to U.S. App. No. 62/335,280 filed on May 12, 2016)
2019	File History of Nokia ‘056 Patent
2020	U.S. Patent Publication No. 2011/0205991 to Kim et al. (“Kim”), <i>Method and Apparatus for Transmitting/Receiving Control Information in a Mobile Communication System</i> (Samsung Electronics Co., Ltd.) (filed Feb. 24, 2011)
2021	<i>Understanding 3GPP-starting with the basics</i> , Qualcomm, https://shop.elsevier.com/books/4g-lte-advanced-pro-and-the-road-to-5g/dahlman/978-0-12-804575-6 (Aug. 1, 2017) (last accessed June 26, 2024)
2022	U.S. Patent Publication No. 2020/0295903 to Faxer, <i>PUCCH Resource Indication for CSI and HARQ Feedback</i> (Ericsson) (PCT filing date, April 2, 2018, claiming priority to U.S. Application No. 62/567,025 filed on Oct. 2, 2017)
2023	U.S. Patent Application No. 62/316,799 (“878 Provisional Application”)
2024	U.S. Patent Application No. 62/317,027 to Phuyal et al., <i>UL Grant Skipping Solutions</i> filed on April 1, 2016 (“Intel UL Skipping Indicator”)
2025	TR 21.900 v13.0.1, downloaded from https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=555 by clicking on Version “13.1.0” with a link to https://www.3gpp.org/ftp//Specs/archive/21_series/21.900/21900-d10.zip (last accessed 6/26/2024) and extracted from the downloaded zip file
2026	Tdoc List, RAN2 Meeting #91, downloaded from https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_91/Report (last accessed 6/26/2024) and extracted the Excel spreadsheet,

Exhibit #	Description
	“Tdoc_List_RAN2_91_150925.xls” from the downloaded zip file “R2-154032.zip.”
2027	Tdoc List, RAN2 Meeting #91bis, downloaded from https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_91bis/Report (last accessed 6/26/2024) and extracted the Excel spreadsheet, “Tdoc_List_RAN2_91bis_151105.xls” from the downloaded zip file “R2-156049.zip.”
2028	WO2016/055472 to Ankel et.al, <i>Uplink Prescheduling</i> (Ericsson) (filed Oct. 6, 2015, claiming priority to U.S. App. No. 62/060,352 filed on Oct. 6, 2014)
2029	R1-167507 (Change Request for TS 36.213, v. 13.2.0), <i>Addition of LTE_LATRED_L2-Core</i> (August 12, 2016) Rapporteur: Ericsson 3GPP TSG-RAN WG1 meeting #86 Gothenburg, Sweden, August 23-26, 2016 https://www.3gpp.org/ftp/tsg_ran/wg1_rl1/TSGR1_86/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2030	R2-154032, <i>Report of 3GPP TSG RAN WG2 meeting #91 held in Beijing, China August 24-28, 2015</i> (upload date: Feb. 12, 2016; last modified date: Oct. 9, 2015) Agenda Item: 2.2 Source: ETSI MCC 3GPP TSG-RAN Working Group 2 meeting #91bis Malmo, Sweden, October 5 – 9 2015 downloaded from https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_91/Report (last accessed 6/26/2024) and extracted from the downloaded zip file
2031	R2-163918, <i>PUSCH resource waste in case of short SPS period</i> (May 14, 2016)

Exhibit #	Description
	Agenda Item: 8.8.2 Source: Huawei, HSSilicon 3GPP TSG-RAN Working Group 2 meeting #94 Nanjing, China, May 23 – 27, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_94/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file.
2032	R2-162735, <i>Considerations on skipping UL padding transmissions</i> (April 1, 2016) Agenda Item: 8.8.2 Source: Sequans Communications 3GPP TSG-RAN Working Group 2 meeting #93bis Dubrovnik, Croatia April 11-15, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_93bis/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2033	3GPP TS 36.321 v14.0.0, downloaded from https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=2437 by clicking on Version “14.0.0” with a link to https://www.3gpp.org/ftp/Specs/archive/36_series/36.321/36321-e00.zip (last accessed 6/26/2024) and extracted from the downloaded zip file
2034	R2-162690, <i>Details of Short SPS procedure for latency reduction</i> (April 1, 2016) Agenda Item: 8.8.2 Source: ETRI 3GPP TSG-RAN Working Group 2 meeting #93bis

Exhibit #	Description
	Dubrovnik, Croatia April 11-15, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_93bis/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2035	R2-154191, <i>Contention based uplink transmission</i> (Sept. 26, 2015) Agenda Item: 8.8.2 Source: Huawei, HSSilicon 3GPP TSG-RAN Working Group 2 meeting #91bis Gothenburg, Sweden, August 23-26, 2016 downloaded from https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_91bis/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2036	US Patent No. 9,485,774 to Long et al., <i>Efficient Transmission of Stand-alone Aperiodic CSI Reporting for LTE Carrier Aggregation</i> (Ericsson) (Feb, 28, 2014)
2037	WO2022/079607 to Muruganathan et al., <i>Priority Handling for Aperiodic CSI on PUCCH</i> (Ericsson) (Oct. 12, 2020)
2038	U.S. Patent Publication No. US2020/0045675 to Harrison et al., <i>Semi-Persistent CSI Feedback over PUSCH</i> (Ericsson) (Mar. 23, 2018, claiming priority to U.S. App. No. 62/476,483 filed on Mar. 24, 2017)
2039	US2010/0272006
2040	R2-165637, <i>Remaining issues with skipping of UL padding TX</i> (August 13, 2016) Agenda Item: 8.8.2 Source: Sequans Communications 3GPP TSG-RAN Working Group 2 meeting #95

Exhibit #	Description
	Dubrovnik, Croatia April 11-15, 2016 Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_95/Docs (last accessed 6/26/2024) and extracted from the downloaded zip file
2041	Participant List for RAN2 Meeting # 91, downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_91/Report (last accessed 6/26/2024) and Excel spreadsheet “3gppRAN2_91_participants_list.xls” extracted from the downloaded zip file “R2-154032.zip”
2042	Participant List for RAN2 Meeting # 93bis, downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_93bis/Report (last accessed 6/26/2024) and Excel spreadsheet “RAN2_93bis_participants_list.xls” extracted from the downloaded zip file “R2-163343.zip”
2043	Participant List for RAN2 Meeting # 94, https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_934/Report (last accessed 6/26/2024) and Excel spreadsheet “3gppran2_94_participants_list.xls” extracted from the downloaded zip file “R2-164670.zip”
2044	3GPP TS 36.321 v15.8.0, downloaded from https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=2437 by clicking on Version “15.8.0” with a link to https://www.3gpp.org/ftp/Specs/archive/36_series/36.321/36321-f80.zip (last accessed 6/26/2024) and extracted from the downloaded zip file
2045	3GPP TS 38.321 v16.3.0, downloaded from https://www.3gpp.org/ftp/Specs/archive/38_series/38.321/38321-g30.zip (last accessed 6/26/2024) and extracted from the downloaded zip file

Exhibit #	Description
2046	3GPP TS 38.321 v16.4.0, downloaded from https://www.3gpp.org/ftp/Specs/archive/38_series/38.321/38321-g40.zip (last accessed 6/26/2024) and extracted from the downloaded zip file
2047	R2-2008711, downloaded from https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2008711.zip (last accessed 6/26/2024) and extracted from the zip file
2048	R2-210xxxx, downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_113-e/Inbox/Drafts/%5BOffline-019%5D%5BNR16%20IIOT%5D%20UL%20Skipping%20(vivo)/R2-210xxxx%20Report%20of%20%5BAT113-e%5D%5B019%5D%5BNR16%20IIOT%5D%20UL%20Skipping_v06_OPPO.docx (last accessed 6/26/2024)
2049	WO2016/122763
2050	Novlan Linkedin Profile, available from https://www.linkedin.com/in/tnovlan/details/experience/ (last accessed 6/26/2024).
2051	Ng Linkedin Profile, available from https://www.linkedin.com/in/boon-loong-ng-8905232/ (last accessed 6/26/2024).
2052	Zhang Linkedin Profile, available from https://www.linkedin.com/in/charlie-zhang-3382202/details/experience/ (last accessed 6/26/2024).
2053	Zhang IEEE author profile, available from https://ieeexplore.ieee.org/author/37407616500 (last accessed 6/26/2024).
2054	Papasakellariou IEEE author profile, available from https://ieeexplore.ieee.org/author/37344580100 (last accessed 6/26/2024).

Exhibit #	Description
2055	Papasakellariou research.com profile, available from https://research.com/u/aris-papasakellariou (last accessed 6/26/2024).
2056	Ekpenyong ScholarGPS profile, available from https://scholargps.com/scholars/24393831896595/anthony-edet-ekpenyong (last accessed 6/26/2024).
2057	IEEE web page for “From homogenous to heterogeneous networks: a 3GPP Long Term Evolution rel. 8/9 case study” by Chandrasekhar et al., available at https://ieeexplore.ieee.org/document/5766247 (last accessed 6/26/2024).
2058	Ekpenyong LinkedIn Profile, available from https://www.linkedin.com/in/anthony-ekpenyong-7ab3984/details/experience/ (last accessed 6/26/2024).
2059	Chen IEEE author profile (2012), available from https://ieeexplore.ieee.org/author/37276947000 (last accessed 6/26/2024).
2060	Chen IEEE author profile (2022), available from https://ieeexplore.ieee.org/author/37085489502 (last accessed 6/26/2024).
2061	Kolomatski, Andrew, <i>LTE Aperiodic CSI Reporting for Carrier Aggregation</i> , available from https://www.linkedin.com/pulse/lte-aperiodic-csi-reporting-carrier-aggregation-andrew-kolomatski/
2062	R2-167461, <i>Report of 3GPP TSG RAN WG2 meeting #95bis held in Kaohsiung, October 10-14, 2016</i> (Nov. 18, 2016) Agenda Item: 2.2 Source: ETSI MCC 3GPP TSG-RAN Working Group 2 meeting #96 Reno, Nevada, US, November 14-18, 2016

Exhibit #	Description
	Downloaded from https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_95bis/Report (last accessed 6/26/2024) and extracted from the downloaded zip file
2063	Proposed protective order
2064	Proposed protective order compared against default protective order
2065	Judicial reference pursuant to Section 83 (1) PatG, EP 3 226 639, July 22, 2024 (German)
2066	Judicial reference pursuant to Section 83 (1) PatG, EP 3 226 639, July 22, 2024 (English)

Dated: September 19, 2024

Respectfully submitted,

By: /Anthony Q. Rowles/

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CERTIFICATE OF SERVICE

I hereby certify, pursuant to 37 C.F.R. § 42.6, that on September 19, 2024, a copy of **PATENT OWNER'S UPDATED EXHIBIT LIST AND EXHIBITS 2065-2066** were served upon the following, by ELECTRONIC MAIL:

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