Paper No. 9
Filed: August 14, 2023

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD., AND SAMSUNG ELECTRONICS AMERICA, INC.,
Petitioner

v.

APEX BEAM TECHNOLOGIES LLC,
Patent Owner

Case IPR2023-00598
Patent No. 10,462,767

PETITIONER'S UPDATED EXHIBIT LIST

Pursuant to 37 C.F.R. § 42.63(e), Petitioner Samsung Electronics Co., Ltd., and Samsung Electronics America, Inc. (collectively "Samsung") hereby submits a current listing of Petitioner exhibits. Exhibit 1038 is being filed today.

Exhibit	Description
1001	U.S. Patent No. 10,462,767 to Zhang ("'767 patent")
1002	Declaration of Harry Bims, Ph.D. ("Bims")
1003	Reserved
1004	Prosecution History of the '767 patent (downloaded from Public PAIR)
1005	International Patent Publication No. 2017/052199 to You et al., filed September 21, 2016, and published March 30, 2017 ("*You*")
1006	International Patent Publication No. 2018/126401 to Liu et al., filed January 5, 2017, and published July 12, 2018 ("*Liu*")
1007	International Patent Publication No. 2016/136143 to Mallick et al., filed January 28, 2016, and published September 1, 2016 ("*Mallick*")
1008	International Patent Publication No. 2018/081913 to Liu et al., filed November 3, 2016, and published May 11, 2018 ("*Liu913*")
1009	U.S. Patent Publication No. 2011/0038330 to Luo et al., filed July 29, 2010, and published February 17, 2011 ("*Luo*")
1010	U.S. Patent Publication No. 2011/0176519 to Vitthaladevuni et al., filed November 15, 2010, and published July 21, 2011 ("*Vitthaladevuni*")
1011	U.S. Patent Publication No. 2013/0308608 to Hu et al., filed March 15, 2013, and published November 21, 2013 ("*Hu*")

Exhibit	Description
1012	U.S. Patent Publication No. 2017/0331670 to Parkvall et al., filed May 13, 2016, and published November 16, 2017 ("*Parkvall*")
1013	U.S. Patent Publication No. 2012/0122495 to Weng et al., filed November 11, 2010, and published May 17, 2012 ("*Weng*")
1014	U.S. Patent Publication No. 2017/0094547 to Yum et al., filed September 23, 2016, and published March 30, 2017 ("*Yum*")
1015	International Patent Publication No. 2017/174469 to Wong et al., filed March 31, 2017, and published October 12, 2017 ("*Wong*")
1016	International Patent Publication No. 2017/079574 to Lee et al., filed November 4, 2016, and published May 11, 2017 ("*Lee*")
1017	International Patent Publication No. 2015/113664 to Webb et al., filed November 13, 2014, and published August 6, 2015 ("*Webb*")
1018	U.S. Patent Publication No. 2010/0202382 to Park et al., filed September 11, 2008, and published August 12, 2010 ("*Park*")
1019	Erik Dahlman et al., *4G LTE/LTE-Advanced for Mobile Broadband*, 2011 ("*Dahlman*")
1020	International Patent Publication No. 2017/079530 to Pelletier, filed November 4, 2016, and published May 11, 2017 ("*Pelletier*")
1021	International Patent Publication No. 2016/130175 to Fwu et al., filed August 11, 2015, and published August 18, 2016 ("*Fwu*")
1022	Frank Schaich et al., *Subcarrier Spacing - How to Make Use of This Degree of Freedom*, *2016 IEEE 83rd Vehicular Technology Conference* ("*Schaich*")
1023	U.S. Patent No. 9,131,490 to Feng et al., issued September 8, 2015 ("*Feng*")
1024	U.S. Patent No. 9,380,568 to Harrison et al., issued June 28, 2016 ("*Harrison*")

Exhibit	Description
1025	International Patent Publication No. 2017/023352 to Xiong et al., filed December 16, 2015, and published February 9, 2017 ("*Xiong*")
1026	International Patent Publication No. 2017/026983 to Khoryaev et al., filed December 26, 2015, and published February 16, 2017 ("*Khoryaev*")
1027	International Patent Publication No. 2017/171398 to Yi et al., filed March 29, 2017, and published October 5, 2017 ("*Yi*")
1028	U.S. Patent Publication No. 2017/0215170 to Islam et al., filed January 26, 2016, and published July 27, 2017 ("*Islam*")
1029	*Apex Beam Technologies LLC v. Samsung Electronics Co., Ltd. et al.*, Case No. 2:22-cv-00188-JRG, Dkt. No. 1, Complaint for Patent Infringement (E.D. Tex. June 1, 2022).
1030	*Apex Beam Technologies LLC v. Samsung Electronics Co., Ltd. et al.*, Case No. 2:22-cv-00188-JRG, Plaintiff's Infringement Contentions Claim Chart for U.S. Patent No. 10,462,767 (E.D. Tex. Jan. 5, 2023)
1031	United States District Courts – National Judicial Caseload Profile, *available at* https://www.uscourts.gov/sites/default/files/fcms_na_distprofile0630.2022_0.pdf (retrieved Feb. 5, 2023)
1032	*Apex Beam Technologies LLC v. ZTE Corp.*, No. 2:22-cv-00031-JRG-RSP, Dkt. No. 37, Docket Control Order (E.D. Tex. Feb. 6, 2023)
1033	*Apex Beam Technologies LLC v. Samsung Electronics Co., Ltd. et al.*, Case No. 2:22-cv-00188-JRG, Plaintiff's Infringement Contentions Cover Pleading (E.D. Tex. Jan. 5, 2023)
1034	3GPP TS 36.211 v11.3.0 ("Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical Channels and Modulation (Release 11)") (June 2013)

Exhibit	Description
1035	3GPP TS 36.304 v13.0.0 ("Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (Release 13)") (December 2015)
1036	3GPP TS 36.331 v13.0.0 ("Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (Release 13)") (December 2015)
1037	Declaration of Friedhelm Rodermund
1038	Petitioner's *Sotera* Stipulation

Dated: August 14, 2023

Respectfully submitted,

/Joshua L. Goldberg/
Joshua L. Goldberg, Lead Counsel
Reg. No. 59,369

CERTIFICATE OF SERVICE

The undersigned certifies that a copy of the foregoing **Petitioner's Updated Exhibit List** and **Exhibit 1038** were served electronically via email on August 14, 2023, in their entirety on the following:

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Patent Owner has consented to service by email.

Dated: August 14, 2023

By: /Mark A. Rosenberger/
Mark Rosenberger
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