

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SAMSUNG ELECTRONICS CO., LTD.,  
SAMSUNG ELECTRONICS AMERICA, INC., and APPLE INC.,  
Petitioner,

v.

SMART MOBILE TECHNOLOGIES LLC,  
Patent Owner.

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Case IPR2022-01004  
Patent 9,614,943

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**PETITIONER'S UNOPPOSED MOTION FOR PRO HAC VICE  
ADMISSION OF AAMIR A. KAZI UNDER 37 C.F.R. § 42.10(c)**

**UPDATED EXHIBIT LIST**

- EX-1001 U.S. Patent No. 9,614,943 to Sunil K Rao, et al. (“the ’943 patent”)
- EX-1002 Excerpts from the Prosecution History of the ’943 Patent (“the Prosecution History”)
- EX-1003 Declaration of Dr. Michael Allen Jensen
- EX-1004 [RESERVED]
- EX-1005 U.S. Patent No. 6,144,711 to Gregory G. Raleigh, et al. (“Raleigh”)
- EX-1006 U.S. Patent No. 5,784,032 to Ronald H. Johnston, et al. (“Johnston”)
- EX-1007 International Publication No. WO 98/27748 (“WO748”)
- EX-1008 European Patent Application 0 660 626 A2 to John Daniel Byrne (“Byrne”)
- EX-1009 U.S. Patent No. 5,594,737 to Klaus-Dieter Pillekamp (“Pillekamp”)
- EX-1010 U.S. Patent No. 5,590,133 to Lars Billström, et al. (“Billström”)
- EX-1011 P.W. Wolniansky, et al., V-BLAST: An Architecture for Realizing Very High Data Rates Over the Rich-Scattering Wireless Channel, published in 1998 URSI International Symposium on Signals, Systems, and Electronics. Conference Proceedings (Cat. No.98EX167) (October 1998) (“Wolniansky”)
- EX-1012 U.S. Patent No. 6,005,876 to Leonard Joseph Cimini, Jr., et al. (“Cimini”)
- EX-1013 [RESERVED]

- EX-1014 ETSI EN 301 344 V6.7.1, Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Service description; Stage 2 (GSM 03.60 version 6.7.1 Release 1997)
- EX-1015 U.S. Patent No. 5,425,050 to William F. Schreiber, et al.
- EX-1016 U.S. Patent No. 5,726,978 to Carl Magnus Frodigh, et al.
- EX-1017 [RESERVED]
- EX-1018 J. J. Spicer, et al., Wireless office data communications using CT2 and DECT, IEE Colloquium on Personal Communications: Circuits, Systems and Technology, 1993, pp. 9/1-9/4.
- EX-1019 U.S. Patent No. 6,243,581 to Jastinder Jawanda
- EX-1020 Excerpts from Alan V. Oppenheim, et al., Signals and Systems, Prentice Hall, New Jersey, 1983
- EX-1021 Excerpts from Theodore S. Rappaport, Wireless Communications Principles & Practice, Prentice Hall, 1996
- EX-1022 R. G. Vaughan, et al., Antenna diversity in mobile communications, in IEEE Transactions on Vehicular Technology, vol. 36, no. 4, pp. 149-172, Nov. 1987
- EX-1023 S. M. Alamouti, A simple transmit diversity technique for wireless communications, in IEEE Journal on Selected Areas in Communications, vol. 16, no. 8, pp. 1451-1458, Oct. 1998
- EX-1024 A. A. Abidi, Direct-conversion radio transceivers for digital communications, in IEEE Journal of Solid-State Circuits, vol. 30, no. 12, pp. 1399-1410, Dec. 1995
- EX-1025 Yonghong Gao, et al., Low-Power Implementation of a Fifth-Order Comb Decimation Filter for Multi-Standard Transceiver

Applications, Electronic System Design Laboratory, Royal  
Institute of Technology, Nov. 1999

- EX-1026 Reza Karimi, et al., Wideband Digital Receivers for Multi-Standard Software Radios, Motorola GSM Products Division, Oct. 1997
- EX-1027 Dictionary Definitions of “communication port,” “I/O port,” and “port” (IBM Dictionary of Computing, McGraw-Hill, Inc., August 1993)
- EX-1028 Jon D. Brady, Virtual Private Networking – The Flexible Approach, Institution of Electrical Engineers, 1997
- EX-1029 Excerpts from Ziemer and Tranter, Principles of Communications: Systems, Modulation, and Noise, Fourth Edition, John Wiley & Sons, New York, 1995
- EX-1030 Dictionary Definition of “Nyquist Theorem” (Newton’s Telecom Dictionary, Flatiron Publishing, 1998)
- EX-1031 Complaint, *Smart Mobile Technologies LLC v. Samsung Electronics Co. Ltd. et al.*, Case No. 6:21-cv-00701 (WDTX)
- EX-1032 Joint Agreed Scheduling Order, *Smart Mobile Technologies LLC v. Samsung Electronics Co. Ltd. et al.*, Case No. 6:21-cv-00701 (WDTX)
- EX-1033 Complaint, *Smart Mobile Technologies LLC v. Apple Inc.*, Case No. 6:21-cv-00603 (WDTX)
- EX-1034 Joint Agreed Scheduling Order, *Smart Mobile Technologies LLC v. Apple Inc.*, Case No. 6:21-cv-00603 (WDTX)
- EX-1035 U.S. Patent No. 6,175,737 to Chiiming Kao
- EX-1036 U.S. Patent No. 6,016,311 to Sheldon L. Gilbert et al.

- EX-1037 Excerpts from Douglas E. Comer, Internetworking with TCP/IP Volume One, Third Edition, 1995
- EX-1038 S. Segars, The ARM9 family-high performance microprocessors for embedded applications, in Proceedings of the International Conference on Computer Design. VLSI in Computers and Processors, 5-7 Oct. 1998
- EX-1039 Chaucer Kuo, John Wong, Multi-Standard DSP based wireless systems, in Proceedings of the Fourth International Conference on Signal Processing, pp. 1712-1728, 12-16 Oct. 1998
- EX-1040 J.-P. van Deursen, et al., Switched antenna diversity within a DECT system, IEEE Second Symposium on Communications and Vehicular Technology in the Benelux, 1994, pp. 141-148
- EX-1041 P. E. Mogensen, et al., Practical considerations of using antenna diversity in DECT, Proceedings of IEEE Vehicular Technology Conference (VTC), 1994, pp. 1532-1536 vol.3
- EX-1042 U.S. Patent No. 5,819,041 to Murat I. Bilgic
- EX-1043 U.S. Patent No. 6,148,324 to Antonio Juan Ransom et. al.
- EX-1044 U.S. Patent No. 5,983,366 to Michael Roy King
- EX-1045 Kunle Olukotun, et al., The Case for a Single-Chip Multiprocessor, Computer Systems Laboratory Stanford University, 1996
- EX-1046 Basem A. Nayfeh, et al., Evaluation of Design Alternatives for a Multiprocessor Microprocessor, Computer Systems Laboratory Stanford University, 1996
- EX-1047 Declaration of Aamir A. Kazi in Support of Pro Hac Vice Admission

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