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July 22, 2013

3GPP MCC
650, route des Lucioles
F-06921 Sophia-Antipols, France

Subject: Nomination and Support for 3GPP TSG SA WG4 Vice Chairman Candidate

On behalf of Samsung Electronics Co., Ltd., a member of TTA, I am glad to nominate Dr. Kyunghun Jung, as a candidate for a Vice Chairman of 3GPP TSG SA WG4, for his second term at the prestigious position.

Dr. Jung holds a M.S. and a Ph.D. in the area of Electrical and Computer Engineering, from the Georgia Institute of Technology, Atlanta, U.S. From the early days of his graduate study, he focused on the theoretical analysis of problems in multimedia compression and wireless transmission, and the signal processing techniques to enhance media quality and network capacity of mobile communications systems. His research was guided by professor Russell M. Mersereau and supported by the Leadership Program of Texas Instruments Incorporated, Dallas, U.S.

After completing his doctoral dissertation, titled "Error Resilient Video Coding for Wireless Applications," Dr. Jung joined Samsung in 2003 to participate in the development of 3G-324M, the mobile multimedia telephony system considered then as the flagship service of UMTS. As the major technical obstacles encountered in the launch of 3G became neutralized, he continued his challenges in the standardization areas, where he has been contributing to the technology development for the next generation, Multimedia Telephony Service for IMS, working as the Rapporteur of Work Items.

As a Vice Chairman, Dr. Jung distanced himself from pursuing the interest of his company but focused on nurturing technical specifications and bringing them to commercial services, by updating the media processing procedures to reflect changes made in the access or core networks, or requesting the attention of the Work Group in key issues, such as testing the performance of jitter buffer management (JBM) or coordination of the works of Sub-working Groups to establish the ecosystems for super wide-band (SWB) telephony. He makes it a firm rule to introduce urgent technical issues identified during development and deployment but not to propose any prepared solutions, leaving them to the discretion of his Work Group.

From his rich experiences in the early days of W-CDMA, Dr. Jung is sincerely aware of the urgent situations of the operators and the implementers working on Voice over LTE (VoLTE), in which he participated deeply from the very beginning of the standardizations to the world's first service launches in August 2012.



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To their requests or inquires on the new mobile multimedia telephony system, as the Rapporteur of TS 26.114, he responds immediately with clarification of the specifications, background of the design decisions, supplementary information including the specifications developed by other 3GPP Work Groups or by other standardization bodies, or information on the interoperability testing events. In addition, he reports frequently-consulted subjects to his Work Group to improve the technical specifications.

Since January 2007, Dr. Jung has been attending every SA4 meeting, serving as the host for SA4 #48 and SA4 #66, both at the Jeju Island, Korea, and currently preparing for SA4#77 at Seoul. He is a native Korean educated in the U.S. for his graduate study but he has also been studying various languages including Chinese (achieved HSK Level 4), Japanese (achieved JLPT Level 1), and German, to extend his cultural diversity. As a fully-trained electrical engineer, he has a balanced understanding of multimedia compression, wireless communications, and the Internet technologies. While he has been mainly involved in the mobile multimedia telephony systems, his research interest also includes areas such as 3D video, multimedia broadcasting/multicasting, as Samsung has long been active in the display and television businesses.

If re-elected, Dr. Jung will devote himself to the heavy responsibility of the Vice Chairman and will strive to ensure that the development of the relevant 3GPP specifications is undertaken in a fair, accurate, and timely manner, as he has been eagerly making efforts during his first term. He will be glad to stand at the forefront for the successful commercialization of services TSG SA WG4 has been developing, such as, SWB, EVS, and eMBMS, over the coming LTE-Advanced environments. Dr. Jung also considers it an important responsibility to re-energize the technologies and services already standardized but have yet to be deployed, as nowadays it is often observed that the operating environments change so rapidly that the finally standardized solutions no longer meet the new situations properly, or to encourage the participation of new companies and talents with fresh ideas.

Samsung will fully support Dr. Kyunghun Jung so that he can execute these duties effectively as part of our commitment to 3GPP TSG SA WG4.

Sincerely yours,

Chang Yeong Kim, Ph.D.

Executive Vice President

Head of Digital Media & Communication R&D Center

Samsung Electronics Co., Ltd.