04-20-2007

Q100154 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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1. Name of conveying party(ies):	2. Name and address of re		
Sun-bal KIM	SAMSUNG ELECTRONICS 416, Maetan-dong Yeongtong-gu, Suwon-si Gyeonggi-do, Republic of	33.70	
Additional name(s) of conveying party(ies) attached?			
3. Nature of conveyance/Execution Date(s):		192	
Execution Date(s): April 3, 2007		1132 11,132	
Assignment D Merger			
Security Agreement Change of Name			
Joint Research Agreement			
Government Interest Assignment			
Executive Order 9424, Confirmatory License			
Other	Additional name(s) & addres		
4. Application number(s) or patent number(s):	This document is being filed to	gether with a new application	
A. Patent Application No.(s)	B. Patent No.(s)		
Additional numbers attached? Yes No			
5. Name and address of party to whom correspon concerning document should be mailed:	ndence 6. Total number of applica	tions and patents involved:	
SUGHRUE MION, PLLC		7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00	
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23373	Authorized to be charged	□ Authorized to be charged to Deposit Account No. 19-4880.	
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PATENT REEL: 019206 FRAME: 0047

Docket No. Q100154 For Non-U.S. Clients

Assignment

Whercas, I, Sun-bal KIM of Suwon-si, Republic of Korea, hereinafter called assignor, have invented certain improvements in METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING INFORMATION IN INTERNET PROTOCOL NETWORK and executed an application for Letters Patent of the United States of America therefor on ______3 April 2007______; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. $\frac{119}{19}$, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number ________ and Confirmation number _______ filed ______) the application number and filing date of said application when known.

Date:

7/000

s/Sun-bal KIM

2007.04.03

(Logalization not required for recording but is prima facte evidence of execution under 35 U.S.C. §261)

PATENT REEL: 019206 FRAME: 0048

RECORDED: 04/11/2007

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