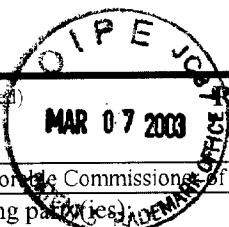


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1. Name of conveying party(ies)  
Pyung-Soo Kim  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

3.203

2. Name and address of receiving party(ies):  
Samsung Electronics Co., Ltd.  
416 Maetan-dong, Paldal-gu  
Suwon-city, Kyungki-do,  
Korea  
  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: February 5, 2003

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: February 5, 2003  
A. Patent Application No.(s)  
10/316,179

B. Patent No.(s)  
Not yet assigned  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
  
23373  
PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 3.41): \$40.00  
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40.00 OP

# Assignment

Whereas, I/We, Pyung-soo Kim of 121-1601 Hwanggol Maeul Jugong 1-danji Apt., Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Korea

hereinafter called assignor(s), have invented certain improvements in METHOD AND APPARATUS FOR MANAGING INTERNET PROTOCOL USING NETWORK ADDRESS TRANSLATION IN MOBILE NETWORK

and executed an application for Letters Patent of the United States of America therefor on 5 February 2003; and

Whereas, Samsung Electronics Co., Ltd.  
416 Maetan-dong, Paldal-gu,  
Suwon-city, Kyungki-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/We, the above named assignor(s), 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 and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director – 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/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We 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 10/316,179 and Confirmation number 2836, filed 11 December 2002) the filing date and application number of said application when known.

Date: Pyung Soo Kim 5 February 2003  
/s/ Pyung-soo Kim  
Date: \_\_\_\_\_  
/s/  
Date: \_\_\_\_\_  
/s/  
Date: \_\_\_\_\_  
/s/  
Date: \_\_\_\_\_  
/s/

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