



FORM PTO-159

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To the Director of the U S Patent and Trademark Office



103621349

- 1 Name of conveying party(ies)  
Chei-Yoi KIM  
Dong-Jae KANG  
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**Electronics and Telecommunications Research Institute**  
**161, Gajeong-dong, Yuseong-gu,**  
**Daejeon 305-350,**  
**Republic of Korea**

- 3 Nature of conveyance  
☒ Assignment \_\_\_\_\_ Merger  
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\_\_\_\_\_ Other \_\_\_\_\_  
Execution Date(s) March 12, 2008

- 4 Application number(s) or patent number(s)  
☐ This document is being filed together with a new application

OR

- ☒ This document is being filed after filing of the application  
(a) Patent Application No(s) 12/201,752, filed August 29, 2008, or  
(b) Patent No(s) , issued

- 5 Name and address of party to whom correspondence concerning document should be mailed  
STAAS & HALSEY LLP Our Docket 2091 1026  
Attention J Randall Beckers  
1201 New York Ave , N W , 7th Floor  
Washington, D C 20005

- 6 Total number of applications and patents involved 1

- 7 Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment)  
☒ Enclosed  
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- 8 Deposit Account No : 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
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SA-1 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

Electronics and Telecommunications Research Institute  
Gajeong-dong, Yuseong-gu, Daejeon, 305-700, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest in the invention entitled

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(a) executed on :

March 12, 2008

(b) filed on ,

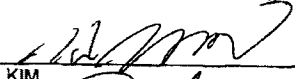
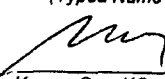
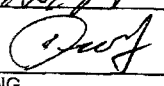
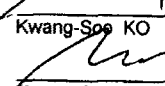
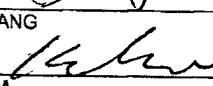
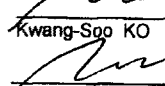
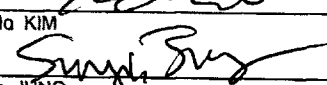
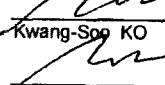
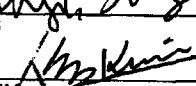
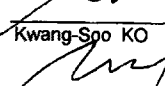
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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s)  
(Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es))

1)  Cher-Yol KIM	March 12, 2008	 Kwang-Soo KO
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5)  Myung-Joon KIM	March 12, 2008	 Kwang-Soo KO
6) _____	_____	_____
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