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1. Name of conveying party(ies): Hyun-Cheol Kim; Kyu-Heon Kim; Jin-Woong Kim; Doug-Young Suh	Name and address of receiving party(ies): Name: Electronics and Telecommunications Research Institute	
Additional name(s) of conveying party(ies) attached? ☑ No ☐ Yes 3. Nature of Conveyance: ☑ Assignment ☐ Merger	Internal Address: Street Address: 161, Gajeong-dong, Yuscong-gu	
☐ Security Agreement☐ Change of Name☐ Other	Country: Korea State: ZIP:	
Execution Date: 6/23/03	Additional name(s)& address(es) attached? No Yes	
Application number(s) or patent number(s): If this document is being filed together with a new appli	ication, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
10/428,730		
Additional numbers attached? No Yes		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
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Docket No. 3364P088

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby
acknowledged,, the undersigned, KIM, Hyun-Cheol, KIM, Kyu-Heon, KIM, Jin-Woong, and
SUH, Doug-Young
Hereby sell, assign, and transfer to: <u>Electronics and Telecommunications Research Institute</u>
a corporation of the Republic of Korea, having a principal place of business at: 161 Gajeong-
dong, Yusong-gu, Daejeon-city 305-350, Korea;
Kyung Hee University having a principal place of business at: 1, Seocheon-myeon, Kiheung-eup,
Yongin-city, Korea ("Assignee") its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in that application for United States Letters Patent,
[x] which has been executed by the undersigned concurrently herewith,
[_] which was filed and assigned Serial No
and is entitled:
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all othe applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignment powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.
Date: June 23, 2003 Name: KIM, Hyun-Cheol

Docket No.

Date: June 23, 2003	flym hem this
	Name: KIM, Kyu-Heon
Date: June 23, 2003	privag Kar
	Name: KUM, Jin-Woong
Date: June 23, 2003	
	Name: SUH, Doug-Young

Docket No.

RECORDED: 07/19/2003

PATENT REEL: 014290 FRAME: 0279