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FORM PTO-1595	.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMD No. 0651-0011 (exp. 6/3/9/24/05) 102-4	(2011) しいっこう
To the Honorable Commissioner of Patents and Trademarks. Please r	
Name of conveying party(ies): Name of conveying party(ies):	2. Name and address of receiving party(ies):
Jong Hoi Kim; Kwang Ryong Oh; Yong Soon Baek; Hyun Soo Kim; Kang Ho Kim	Name: Electronics and Telecommunications Research Institute
Additional name(s) of conveying party(ies) attached?	Internal Address:
No ☐ Yes	Street Address: 161, Kajong-Dong, Yusong-Gu
3. Nature of Conveyance:	
☑ Assignment☐ Merger☐ Security Agreement☐ Change of Name	City: Daejon-Shi State: ZIP:
Other	Country: Korea
E cution Date: 12/17/02	Additional name(s)& address(es) attached? ⊠ No ☐ Yes
4. Application number(s) or patent number(s):	
If this document is being filed together with a new appl	ication, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
10/334,937	
Additional numbers atta	ached? ⊠ No □ Yes
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ <u>40.00</u>
Internal Address:	☐ Enclosed ☐ Authorized to be charged to deposit account
Street Address: 12400 Wilshire Boulevard	
7th Floor	8. Deposit Account Number:
City: Los Angeles State: CA ZIP: 90025	O2-2666 (Attach duplicate copy of this page if paying by deposit account)
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To the best of my knowledge and belief, the foregoing is true and co	prect and any attached copy is a true copy of the original document.
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Name of Person Signing Total number of pages including cover s	
Assistant Commission	with required cover sheet information to: er of Patents, Box Assignments
	gton, D.C. 20231

Docket No. 5882P045

ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Jong Hoi KIM	(5) Kang Ho KIM
(2) Kwang Ryong OH	(6)
	(7)
(4) Hyun Soo KIM	(8)
	invention, hereby sell, assign and transfer unto
	of Korea, located at 161, Kajong-Dong,
Yusong-Gu, Daejon-Shi, Korea.	
the United States of America as defined in 35 U	VELENGTH CONVERTER
(a) for which an application for United States I	
and identified by United States Serial No. or	······································
(b) for which an application for United States I	etters Patent was executed on
Trademarks to issue any and all United States L all extensions, divisions, reissues, substitutes, rene under the International Convention for the Protect	equest the United States Commissioner of Patent and etters Patents which may be granted therefor and any and ewals or continuations thereof, and the right to all benefits tion of Industrial Property to the said ASSIGNEE, for its and legal representatives; the undersigned agree that the ter act on behalf of said ASSIGNEE;
making application for and obtaining original, div States, upon request of the said ASSIGNEE, its further remuneration, in and to any improvements	a like interest, and to render all necessary assistance in visional, reissued or extended Letters Patent of the United successors, assigns and legal representatives, and without, and applications for patent based thereon, growing out of any papers by the said ASSIGNEE, its successors, assigns

and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED of the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	Inohai Kin	December 17, 2002
Name:		
2)	4 1 3	December 17, 2002
Name:	Kwang Ryong OH	
3)	Brand	December 17, 2002
Name:	Yong Soon BAEK	
4)	Lyun so- kim	December 17, 2002
Name:		
5)	King	December 17, 2002
Name:	Kang Ho KIM	

Jocket No. 005882. P045

RECORDED: 04/22/2003

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PATENT REEL: 013978 FRAME: 0162