Recordation Form Co

## PATENTS C



103327246

	, , , , , , , , , , , , , , , , , , , ,
To the Directory of the U.S. Patent and Trademark Office: Please reco	
Name of conveying party(ies):	ord the attached documents or the new address(es) below.  2. Name and address of receiving party(ies):  Name: Electronics and Telecommunications Research Institute  Internal Address:
Young Ho Kim; Bo Heung Chung; Jae Deok Lim;	
Seung Ho Ryu; Yong Sung Jeon; Sang Woo Lee;	Name: Electronics and Telecommunications
Ki Young Kim	Research Institute
	Internal Address:
Additional name(s) of conveying party(ies) attached?	internal / touress.
☑ No ☐ Yes	Street Address: 161 Gajeong-dong, Yusong-gu
3. Nature of Conveyance:	
Assignment	City D
☐ Security Agreement ☐ Change of Name	City: Daejeon-city State: ZIP:
Other	Country: Republic of Korea
Execution Date: 05/26/06 (ALL)	
	Additional name(s)& address(es) attached? ☑ No ☐ Yes
A. Patent Application No.(s)	B. Patent No.(s)
1978NE 00000155 11503185 Additional numbers atta	ached? ☐ No ☐ Yes
5. Name and address of party to whom correspondence concerning document should be mailed:	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:   7. Total Fee (37 CFR 3.41)\$ 40.00
5. Name and address of party to whom correspondence concerning document should be mailed:	<ul> <li>6. Total number of applications and patents involved: [</li> <li>7. Total Fee (37 CFR 3.41)\$ 40.00 ☑ Enclosed</li> </ul>
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:	<ul> <li>6. Total number of applications and patents involved: [</li> <li>7. Total Fee (37 CFR 3.41)\$ 40.00 ☑ Enclosed</li> </ul>
Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP	<ul> <li>6. Total number of applications and patents involved: [</li> <li>7. Total Fee (37 CFR 3.41)\$ 40.00 ☑ Enclosed</li> </ul>
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard 7th Floor  City: Los Angeles State: CA ZIP: 90025	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard 7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard 7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard 7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit Account Number: ☐ 02-2666
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  ☑ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666  (Attach duplicate copy of this page if paying by deposit account
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com  DO NOT Us	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666  (Attach duplicate copy of this page if paying by deposit account
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666  (Attach duplicate copy of this page if paying by deposit account
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com  DO NOT Us	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666  (Attach duplicate copy of this page if paying by deposit account
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com  DO NOT Us  9. Statement and signature.  To the best of my knowledge and belief, the foregoing is true and co	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666  (Attach duplicate copy of this page if paying by deposit account
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com  DO NOT Us  9. Statement and signature.  To the best of my knowledge and belief, the foregoing is true and co.	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666  (Attach duplicate copy of this page if paying by deposit account  SE THIS SPACE  Trect and any attached copy is a true copy of the original document.
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor  City: Los Angeles State: CA ZIP: 90025  Phone Number: (310) 207-3800  Fax Number: (310) 820-5988  E-mail Address: eric_hyman@bstz.com  DO NOT Us  9. Statement and signature.  To the best of my knowledge and belief, the foregoing is true and co	6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account Number:  02-2666  (Attach duplicate copy of this page if paying by deposit account

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to
Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office

P.O. Box 1450 Alexandria, VA 22313-1450

Docket No. 2013P355

## **ASSIGNMENT**

of which is hereby acknowledged, the undersigned,	aldabie	e consideration in hand paid, the receipt and sumciency
(1) HIM, Young Ho	(6)	LEE, Sang Woo
<ul><li>(1) FIM, Young Ho</li><li>(2) CHUNG, Bo Heung</li></ul>	- (7)	KIM Ki Young
(3) LIM, Jae Deok		The second section of the section of the section of the second section of the section of t
(4) RYU, Seung Ho	(9)	
(5) JEON, Yong Sung	(10)	
Yusong-gu, Daejeon-city, Republic of its successors and assigns (hereinafter designated "States of America as defined in 35 U.S.C. 100 in the in	Rese Kore ASSIG	arch Institute of 161 Gajeong-dong ea NEE") the entire right, title and interest for the United
(a) for which an application for United States Letters	AM EN	
application for and obtaining original, divisional, reiscrequest of the said ASSIGNEE, its successors, assign in and to any improvements, and applications for prinvention; and to execute any papers by the said ASIGNEE's full protection and to SIGNED of the dates indicated aside our sign	me Unit may be ereof, to the e unde SNEE; ke inter sued on as and batent if SSIGNI itle in a	ed States Commissioner of Patent and Trademarks to e granted therefor and any and all extensions, divisions and the right to all benefits under the International e said ASSIGNEE, for its interest as ASSIGNEE, its ersigned agree that the attorneys of record in said rest, and to render all necessary assistance in making or extended Letters Patent of the United States, upor legal representatives, and without further remuneration based thereon, growing out of or related to the said EE, its successors, assigns and legal representatives and to the invention hereby transferred.
<u>INVENTORS</u>		DATE SIGNED
1)		05/26/2006
Name: KIM, Young Ho		
2)		05/26/2006
Name: CHUNG, Bo Heung  (3)		05/26/2006

**RECORDED: 10/18/2006** 

PATENT REEL: 018446 FRAME: 0902