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FORM <b>PTO-1595</b> 12-27-20 (Rev. 10/02) 12-0011 (exp. 6/30/2005)	
(Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)	<u>a iiila (aan 110) aan </u>
To the Honorable Commissioner of P 1029133	392 original documents or copy thereof.
<ol> <li>Name of conveying party(ies<sub>j</sub>.</li> </ol>	2. Name and address of receiving party(ies):
Myung Ki SHIN; Yong Jin KIM	Name: Electronics and Telecommunications
	Research Institute
Additional name(s) of conveying party(ies) attached?	Internal Address:
No ☐ Yes	Street Address: 161 Gajeong-dong, Yuseong-gu
Nature of Conveyance:	Tot Suleding doing, Tustong gu
Assignment	City: <b>Daejeon 305-350</b> State: ZIP: <b>305-3</b>
☐ Security Agreement ☐ Change of Name ☐ Other	50
Execution Date: 3/12/04, 3/17/04	Country: Korea
	Additional name(s)& address(es) attached? ■ No □ Yes
A. Patent Application No.(s)  10/488,277	B. Patent No.(s)
Additional numbers at	ttached? Mr 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)\$ 40.00
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Docket No. 6389P003

PATENT REEL: 016090 FRAME: 0005

## province to

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Myung Ki Shin and Yong Jin Kim, the undersigned, Expo Apt. 102-603, Jeonmin-dong, Yuseong-gu, Daejeon 305-762, Republic of Korea; and Expo Apt. 206-1404, Jeonmin-dong, Yuseong-gu, Daejeon 305-761, Republic of Korea

Hereby sell, assign, and transfer to: Electronics and Telecommunications Research Institute
a corporation of Republic of Korea, having a principal place of business at: 161 Gajeong-don
Yuseong-gu, Daejeon 305-350, Korea ("Assignee") its successors, assigns and legal representative
the entire right, title and interest for the United States and all foreign countries, in and to any and a
improvements which are disclosed in the 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: METHOD FOR TRANSMITTING DATA BY USING X-CAST MODE

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other 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, assignments 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

Docket No.

RECORDED: 07/19/2004

PATENT REEL: 016090 FRAME: 0006