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OMD No. 0651-0011 (exp. 6/30/2005) 102881	Patent and Trademark Office O68		
To the Honorable Commissioner of Patents and Trademarks. Please r	ecord the attached original documents or copy thereof.		
Name of conveying party(ies): Dong-Joon Choi; Nae-Soo Kim	Name and address of receiving party(ies): Name: Electronics and Telecommunications Research Institute		
Additional name(s) of conveying party(ies) attached? No □ Yes	Internal Address: Street Address: 161, Gajeong-dong, Yuseong-gu		
3. Nature of Conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	City: Daejon 305-350 State: ZIP:		
Execution Date: 10/09/2004	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 appl A. Patent Application No.(s) 	B. Patent No.(s)		
Additional numbers atta	ached? ☑ No ☐ Yes 6. Total number of applications and patents involved:		
Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address:	7. Total Fee (37 CFR 3.41)\$ 40.00 ☑ 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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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief, the foregoing is true and con To the best of my knowledge and belief.	rrect and any attached copy is a true copy of the original document.		
	CH		
Eric S. Hyman	1/19/09		

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Docket No. 51876P744

Attorney's Docket No: 5676. PT44

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Choi, Dong-Joon; and Nae-Soo Kim

Hereby sells, assigns, and transfers to:

Electronics and Telecommunications Research Institute

a corporation of Republic of Korea, having a principal place of business at:

161, Gajeong-dong, Yuseon	gu, Daejon 305-350, Republic of Korea
interest for the United States	s, assigns and legal representatives, the entire right, title and all foreign countries, in and to any and all improvements which for United States Letters Patent,
[X] which has be	n executed by the undersigned concurrently herewith,
[] which was fi	dand assigned Serial No

and is entitled: APPARATUS AND METHOD FOR TRANSMITTING HIERARCHICALLY MULTIMEDIA DATA TS TO PREVENT JITTER OF TIMING INFORMATION AND FOR RECOVERING THE MULTIMEDIA DATA TS

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

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.

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Date: 9. 10 _ ,2004	oly for dri
	Name: Choi Dong-Joon
Date: 9, 10, 2004	No timo
	Name: Nae-Soo Kim

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RECORDED: 11/04/2004

PATENT REEL: 015969 FRAME: 0737