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(Rev.  10/02)  S.  102	544574 U.S. Patent and Trademark Office	
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.		
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Yoonhark OH	SAMSUNG ELECTRONICS CO., LTD.	
Mathew MANU	416, Maetan-dong, Paldal-gu,	
	Suwon-city, Kyungki-do,	
	Republic of Korea	
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Additional name(s) of conveying party(ies) attached?   Yes   No		
3. Nature of conveyance:		
☑ Assignment ☐ Merger		
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Execution Date: August 4, 2003 and July 31, 2003	Additional name(s) & address(es) attached?   Yes   No	
4. Application number(s) or patent number(s):		
31, 2003	ation, the execution date of the application is: August 4, 2003, and July	
A. Patent Application No.(s)	B. Patent No.(s)	
Unknown 10/652/89	Unknown	
Additional numbers a		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:	T Tatal for (27 CER 2 41). \$40.00	
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00  Enclosed.	
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Hayir	September 2, 2003	
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**PATENT REEL: 014456 FRAME: 0681** 

Docket I	No	
For	Non-U.S.	Clients

## Assignment

Whereas, I/We, (1) OH, Yoonhark; and (2) MANU, Mathew residing at (1) #101, 111-64 Maetan 2-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea; and (2) #206-1107 Sungil APT, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea hereinafter called assignor(s), have invented certain improvements in AUDIO DECODING METHOD AND APPARATUS FOR RECONSTRUCTING HIGH FREQUENCY COMPONENTS WITH LESS COMPUTATION and executed an application for Letters Patent of the United States of America therefor on; and
Whereas, <u>Samsung Electronics Co.</u> , <u>Ltd.</u> , a corporation organized existing under the laws of the <u>Republic of Korea</u> , residing at <u>416 Maetan-dong</u> , <u>Paldal-gu</u> , <u>Suwon-city</u> , <u>Kyungki-do</u> , <u>Republic of Korea</u> (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number , filed ) the application
number and filing date of said application when known.
Date: 2003.08.04 OH, Yoonhark Your Hark Oh  Date: 2003.07.31 MANU, Mathew  Alana  Alana
· s/
Date: 2003.07.31 MANU, Mathew
s/
Date:
s/
Date:

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

**RECORDED: 09/02/2003** 

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