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	<u> 1874 1871 1877 1788 1788 1787</u>	<u>a</u>)	
Name of conveying party(ies): Kwangil HWANG	103115220	3256 U	
Name and Address of receiving party(ies):		~	
SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea			
Nature of conveyance: X Assignment Security Agreement Other: Execution Date(s): October 24, 2005	Merger Change of Name		
Application number(s) or patent number(s): This document is being filed together w			
Name and address of party to whom corres STAAS & HALSEY LLP Attention: <u>Gene M. Garner, II</u> 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005	spondence concerning documen Our Docket: <u>1793.185</u>		
Total number of applications and patents involved:1			
Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☐ Enclosed ☐ Authorized to be charged to deposit account.			
Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)			
e of Person Signing	Mullodevale No Bignature Da	ovember 2, 2005 ate	
	PATO The Director of the U.S. Patent and Trademark Office Name of conveying party(ies): Kwangil HWANG Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea Nature of conveyance: X	To the Director of the U.S. Patent and Trademark Office Name of conveying party(ies): Kwangil HWANG Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea Nature of conveyance: X	

U.S. ASSIGNMENT

MALE I LAN

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

METHOD AND APPARATUS FOR DETERMINING THE POSSIBILITY OF PATTERN RECOGNITION OF TIME SERIES SIGNAL

elating to international Patent Application PCT/JP/and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:					
(a)	executed on	24/October/2005	(Insert date of execution of application, if not concurrent)		
(b)	filed on	ı	Any registered attorney of STAAS & HALSEY LLP, 1201 New York		
Serial No.		i	Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) hereby authorized to insort in (b) the specified data, when known.		

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, relissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may been necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to exacuting all papers, including separate assignments and declarations, taking all rightful naths, providing sworm leatimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness)					
1) Kwengil HWANG	36361	24/October/2005_			
2)					
3)					
4)		-			
5)					
6)					
7)					

PATENT REEL: 017185 FRAME: 0102