FORM PTO-1595

RECORDATION FORM COVER SHEET PATENTS ONLY

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	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
19.99 mc	 Name of conveying party: Young-Ik SONG Additional name(s) of conveying party(ies) attached? □ Yes No 	2. Name and address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD., a corporation organized under the laws of the Republic of Korea 416, Maetan-dong, Paldal-ku, Suwon, Continuous Continuou		
	3. Nature of conveyance	Additional name(s) & addresses attached? □ Yes No		
	4. Application number(s) or Patent number(s): If this document is being filed together with a new application, the execution of the application is: A. Patent Application No. (c)			
ζ,	A. Patent Application No.(s) 09/222,822	B. Patent No.(s)		
	Additional number(s) attached? □ Yes ⋈ No			
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total Number of applications and patents involved: <u>ONE</u>		
	Name: Robert E. Bushnell Attorney at Law Suite 300, 1522 "K" Street, N.W.	7. Total fee (37 CFR § 3.41) \$ U.S. \$40.00 ⊠ Enclosed □ Authorized to be charged to deposit account		
	Washington, D.C. 20005 (202) 638-5740	8. Deposit Account Number:		
	(Attach duplicate copy of this page if paying by deposit acc			
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	9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
	Robert E. BUSHNELL	March 19, 1999		
	Name of Person Signing Sign	nature Date		
		Total number of pages comprising cover sheet:		
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	Mail documents to be recorded with the required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments			

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Washington, D.C. 20231

PATENT REEL: 9842 FRAME: 0638

ASSIGNMENT

DOCKET NO. P55523

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:
IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.,

a corporation organized under the laws of the Republic of Korea,

ADDRESS:

executed on even date herewith, or

or treaty to which the United States of America adheres;

executed on

made:

a 4/10/1996 R.E.Bushn

416 Maetan-dong

Paldal-gu, Suwon-city, Kyungki-do

Republic of KOREA,

Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: DIGITAL SIGNAL PROCESSING APPARATUS AND METHOD THEREFOR

Serial No. 09/222,822 filed in the U.S. Patent & Trademark Office on 30 Dec. 1998

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as:

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been

or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents

ident	AND I do hereby authorize and request the Comm. hereby appoint as my, or our attorney, and authorize and reification or to complete such identification which may but & Trademark Office for recordation of this document	equest R. E. Bushnell, Reg. No. 27, be either necessary or desirable in c	774, to insert on this Assignment any further
	IN WITNESS WHEREOF, I and we have set ou	r hands and seals on the dates writ	ten beside my and our respective names:
	INVENTOR(s)	Date Signed	Witness(es)
1) _	Young-ik Song (Seal)	4 Feb. 1999	Disk Uping and
2)	(Seal)		
3) .	(Seal)		
4) .	(Seal)		
5)	(Seal)		

RECORDED: 03/19/1999

PATENT REEL: 9842 FRAME: 0639