06	-17-1999 ES DEBARTMENT OF COMMERCE			
FORM PTO-1585 Recc	1.5. DEPARTMENT OF COMMENCE			
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)				
Tab settings 10	1067840			
Tab settings 10 To the Honorable Commissioner of Patents and Trademarks.	riginal documents or copy thereof.			
Name of conveying party(ies):	Name and address of receiving party(ies):			
Sugata Ghosal	Name: Sony Corporation			
6.10.99	Internal Address:			
3. Nature of conveyance:	Street Address: 6-7-35 Kitashingawa, Shinagawa-ku			
Assignment Merger	Tokyo, Japan City: San Jose State CA ZIP 95131			
☐ Security Agreement ☐ Change of Name				
☐ Other	Additional name(s) & address(es) attached ■ Yes □ No			
Execution Date:5/10/99	\bigcirc			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new applicati	on, the execution date of the application is			
If this document is being med together than a new approach	NECEIVEN			
A. Patent Application No.(s)	B. Patent No.(s)			
A. Paterit Application No.(5)	JUN 10 10			
09/249,911	J 0			
Additional numbers	attached? ☐ Yes ■ No			
Name and address of party to whom correspondence	6. Total Number of applications and patents involved:			
concerning document should be mailed:	1			
Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP				
Internal Address: Seventh Floor	7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed			
Street Address: 12400 Wilshire Boulevlard				
	☐ Authorized to be charge to deposit account			
City: Los Angeles State: CA ZIP: 9025	8. Deposit Account Number: 02-2666			
	(Attach duplicate copy of this page if paying by deposit account)			
/11/1999 NTHAI1 00000281 09249911 DO NOT US	 E THIS SPACE			
	E FINO OF PIOL			
FC:581 40.00 0P 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.				
Maria McCormack Sobrino Maria Wil	Cumarl Andrews One 7 18GC			
Maria McCormack Sobrino Reg. #31,639 Name of Person Signing Maria McCormack Sobrino Maria McCormack Sobrino Gunt 7, 1899 Date				
Total number of pages comprising cover sheet, attachments, and document:				

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents

Box Assignments Washington, D.C. 20231

Docket No. <u>80398,P185</u>

ATTACHMENT TO THE ASSIGNMENT COVER SHEET

Additional Assignee: Sony Electronics, Inc. 1 Sony Drive Park Ridge, NJ 07656

Atty. Docket No. 80398.P185

PATENT REEL: 010021 FRAME: 0560 Attorney's Docket

ASSIGNMENT

PATENT

NO.:	80398.P185	(For Execution After Filing of Patent Application)	
	In consideration	of good and valuable consideration, the receipt of which is	

hereby acknowledged, I, the undersigned, Sugata Ghosal hereby sell, assign, and transfer to <u>Sony Corporation</u> a corporation of <u>Japan</u>, having a principal place of business at 6-7-35 Kitashingawa, Shinagawa-ku, Tokyo, 141 Japan ; and Sony Electronics, Inc. a corporation of Delaware , having a principle place of business at 1 Sony Drive, Park Ridge, New Jersey 07656 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed February 12, 1999 and assigned Application No. 09/249,911 and is entitled Classified Adaptive Error Recovery Method and Apparatus and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that 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 that 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 a patent or patents 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 assist said Assignee, its successors, assigns, or representatives 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

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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.					
Each Inventor: Please	Sign <u>and Date</u> Below:	Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:			
5/10/ Date 19 <u>99</u>	Sugara Ghosal	5/10/ Date 10			
, 19	Name:	, 19			
, 19 Date	Name:	Date			
, 19 Date	Name:	, 19 Date			
State of:	Assignment Document R SS. BLAKELY, SOKOLOFF, TA 12400 Wilshire Blvd., Sev Los Angeles, CA 90025- (408) 720-8598	YLOR & ZAFMAN LLP venth Floor			
the undersigned Notary [] personally known to be the person(s) whose acknowledged that WITNESS my hand and	official seal.	f satisfactory evidence to			
Notary's Signature					

covenant with said Assignee, its successors, assigns, and legal representatives

- 2 -

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RECORDED: 06/10/1999 REEL: 010021 FRAME: 0562