FORM PTO 4505	06-17-1999 DEPARTMENT OF COMMERCE	
FORM PTO-1585		
OMB No. 0651-0011 (exp. 4/94)		
Tab settings To the Honorable Commissioner of Patents and Trademan	101067842 inal documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of scaling party(ies):	
Yasuhiro Fujimori	Name: Sony Corporation	
James J. Carrig	Internal Address:	
3. Nature of conveyance:	Street Address: 6-7-35 Kitashingawa, Shinagawa-ku	
Assignment	Tokyo, Japan	
Security Agreement Change of Name	City: San Jose State ZIP 95131	
□ Other	Additional name(s) & address(es) attached 🖬 Yes 🛛 No	
Execution Date:		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new applic	cation, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
00/040 011		
09/249,911		
Additional numbers 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:	
Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP		
Internal Address: Seventh Floor	7. Total fee (37 CFR 3.41)\$ _ 40.00	
Street Address: 12400 Wilshire Boulevlard	Enclosed	
	□ Authorized to be charge to deposit account	
City: Los Angeles State: CA ZIP: 90025	8. Deposit Account Number: 02-2666	
(Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE		
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	Clarmard Anterne Dura 7 1665	
Reg. #31,639 Name of Person Signing	l'amad Aahur June 7, 1995 Signature Date	
Total number of pages comprising cover sheet, attachments, and document: 4 Mail documents to be recorded with required cover sheet information to:		
/11/1999 MTHAI1 00000279 09249911 Assistant Commissioner for Patents Box Assignments		
FC:581 40.00 0P Was	hington, D.C. 20231	
Docket No. <u>80398.P185</u>		

PATENT REEL: 010021 FRAME: 0595

ATTACHMENT TO THE ASSIGNMENT COVER SHEET

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

Atty. Docket No. 80398.P185

PATENT REEL: 010021 FRAME: 0596

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Attorney's Docket

ASSIGNMENT No.: 80398.P185 (For Execution After Filing of Patent Application)

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

the undersigned, Yasuhiro Fujimori, James J. Carrig

hereby sell, assign, and transfer to Sony Corporation 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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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.

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:
<u>4/23</u> , 19 <u>99</u> Date Name: Yasuhiro Fujimori <u>4/23</u> , 19 <u>99</u> Date Name: James J. Carrig	<u>4/23</u> , 19 <u>99</u> Date <u>4/23</u> , 19 <u>99</u> Date
, 19 Date Name: , 19 Date Name:	, 19 Date , 19 Date
State of:} Assignment Document F } SS. BLAKELY, SOKOLOFF, T County of:} 12400 Wilshire Blvd., Se Los Angeles, CA 90025 (408) 720-8598	AYLOR & ZAFMAN LLP eventh Floor
On this day of 19, before me, the undersigned Notary Public, personally appeared [] personally known to me [] proved to me on the basis be the person(s) whose name(s) subscribed to the acknowledged that executed it. WITNESS my hand and official seal.	of satisfactory evidence to

Notary's Signature

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PATENT REEL: 010021 FRAME: 0598