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FORM PTO-1585 (Rev. 6-93)	09-1999 J.S. DEPARTMENT OF COMMERCE				
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab settings					
To the Honorable Commissioner of Patents an	1059640 riginal documents or copy thereof.				
Name of conveying party(ies):	Name and address of receiving party(ies):				
Sugata Ghosal	Name: Sony Corporation Internal Address:				
3. Nature of conveyance:	Street Address: 6.7.25 Vitashingawa, Shinagawa ku				
■ Assignment Merger	Street Address: 6-7-35 Kitashingawa, Shinagawa-ku Tokyo, Japan				
TRADEN	City: San Jose State , CA ZIP 95131				
	Additional gasse(s) 0 address(ss) attached 0 T Vac T No				
Other	Additional name(s) & address(es) attached? ■ Yes □ No				
Execution Date: 5/10/99					
4. Application number(s) or patent number(s):					
If this document is being filed together with a new application	on, the execution date of the application is:				
A. Patent Application No.(s)	B. Patent No.(s)				
09/249,418	The PTO did not receive the following listed item(e) \$\frac{10.00}{60.00}\$				
Additional numbers attached? ☐ Yes ■ No					
Name and address of party to whom correspondence concerning document should be mailed: Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP	6. Total Number of applications and patents involved:				
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: 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 informations original document.	ation is true and correct and any attached copy is a true copy of the				
Maria McCormack Sobrino Reg. #31,639 Name of Person Signing Mann W Courne at Auture Signature Date					
Name of Person Signing Signature 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.P220</u>

ATTACHMENT TO THE ASSIGNMENT COVER SHEET

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



Atty. Docket No. 80398.P220

PATENT REEL: 009999 FRAME: 0995

ASSIGNMENT

PATENT

No.: <u>80398.P220</u>	(For Execution After Filing of Pater	it Application)
In consideration	of good and valuable consideration,	the receipt of which is
hereby acknowledged,	<u>l, </u>	
the undersigned, Sugat	a Ghosal	
		-
hereby sell, assign, and	transfer to <u>Sony Corporation</u>	
a corporation of <u>Japai</u>	n, having a p	rincipal place of business at
6-7-35 Kitashingawa, S	hinagawa-ku, Tokyo, 141 Japan	; and <u>Sony</u>
Electronics, Inc.	a corporation of Delaware	, having a principle
place of business at 1 S	Sony Drive, Park Ridge, New Jersey	<u>07656</u> ("Assignee"),
and its successors, ass	igns, and legal representatives, the	entire right, title, and
interest for the United S	states and all foreign countries, in an	d to any and all
improvements that are o	disclosed in the application for the U	nited States patent that was
filed February 12, 1999	and assigned Application No. 09/24	9,418 and is entitled
Source Coding to Provide	de for Robust Error Recovery and in	and to said application and
all divisional, continuing	, substitute, renewal, reissue, and a	Il other patent applications
that have been or shall	be filed in the United States and all	foreign countries on any of
said improvements; and	d in and to all original and reissued p	atents that have been or
shall be issued in the U	nited States and all foreign countries	s on said improvements;
and in and to all rights of	of priority resulting from the filing of s	aid 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

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights

Rev. 10/01/96 (A1)

	nveyed has been made to others by		
full right to convey the s	same as herein expressed is posses	sec	
			Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:
Each Inventor: Please	e Sign <u>and Date</u> Below:		
5/16/, 19 <u>99</u>	Name Sugata Ghosal		5/10/
			, 19
, 19 Date			, 19
, 19	Name:	-	Date
, 19		-	, 19 Date
State of:		_ it Re	eturn Address:
County of:	SS. BLAKELY, SOKOLOFF 12400 Wilshire Blvd., Los Angeles, CA 900 (408) 720-8598	Sev	enth Floor
On this day of _	19, before m	e.	
	Public, personally appeared		· · · · · · · · · · · · · · · · · · ·
[] personally known be the person(s) whose	to me [] proved to me on the bas name(s) subscribed to the		
acknowledged that WITNESS my hand and			
Notary's Signatu	re		

Rev. 10/01/96 (A1)

RECORDED: 06/07/1999