03-18-2002	muma :5 PAIE	NT AND TRADE	MARK OFFICE	
		0	Docket No.: SONY-	50N3070
Thereby co, and this transmittal of the below de Class Postage and addressed to the U.S. Patent a	escribed document is being	deposited with the United S	States Postal Service in an env	elope bearing First
Date of 02/19/02 Name of Person	JULIE WILLIAMS	Signature of the Perso		ngton, D.C., 20231,
Deposit: Making the Deposit:		Making the Deposit:	_ Cauto ID	UMICL
The Assistant Commissioner for Pate Washington, D.C. 20231	ents 2 - 28	-02	Ū	k
Sir: Please record the attached original c	locument(s) or copy	(ies) thereof:		J
R	e-Submission of Tra	nsmittal of Assignme	ent	
1. Name of conveying Wei-Jen	Li			.
party(ies): Serial No.: 09/421,782 Filed: 10/19/99		Group Art Unit: Examiner:		
Receiving party(ies) Tokyo	, Japan	U	va 6-Chome, Shina	
07656	ELECTRONICS, IN	_	7e, Park Ridge, N	ew Jersey,
4. New Patent Application entitled	DECODING H		N IN A DIGITAL VI DYNAMIC QUANTIZA UTATIONS	
5. Name and address of party to w Name: Anthony C. Address Wagner, Mu Two North M Phone (408) 938-9	Murabito rabito & Hao LLP /arket Street, Third F			
6. Total Number of applications and	d patents involved:	ONE		
7. Fee Calculation (for other than	a small entity)		1 X \$40.00	
Assignment Recordation Fee, p Total Fees (37 CFR 3.41) The amount of \$ 40.00	is enclosed		T V 340.00	\$40.00
 8. At any time during the pendence overpayments to Deposit According 	y of this application, unt 23-0085. A dupl	please charge any a icate copy of this tra	additional fees required ansmittal is enclosed.	d or credit any
X Charge any fees required or cro Account No.: <u>23-0085.</u>	edit any overpaymen	ts associated with th	nis filing to Deposit	
9. Statement and signature:				
To the best of my knowledge and belief the original document.	, the foregoing informa	tion is true and correc	t and any attached copy	is a true copy of
18/2002 AAHMED1 00000038 230085 09421782				
FC:581 40.00 CH	/	Name Antho	ony C. Murabito	
Date: February 19, 2002	/	Reg. No. 35	,295	
Page 1 of 1				rev. 6/97 jp

PATENT REEL: 012670 FRAME: 0772

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11-01-1999 101188417

TRADEMARK OFFICE

Docket No.: SONY-50N3070

Thereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below details of the service in an envelope bearing First class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below details of the service in an envelope bearing First class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below details of the service in an envelope bearing First class of the service in the service					
on the below date of deposit. Date of 10/19/99 Name of Person Deposit: 10/19/99 Making the Deposit:	TONY CHOU	Signature of the Person Making the Deposit:			
The Assistant Commissioner for Patents Washington, D.C. 20231 Sir: Please record the attached original document(s) or copy(ies) thereof:					
	Transmittal of a	an Assignment			
 Name of conveying Wei-Jen I party(ies): Serial No.: Filed: 10/19/99 	j	Group Art Unit: Examiner:	Jc.864 U		
 Name and Address of Receiving party(ies) SONY CORPORATION OF JAPAN, 7-35 Kitashingawa 6-Chome, Shinagawa-ku, Tokyo, Japan SONY ELECTRONICS, INC., 1 Sony Drive, Park Ridge, New Jersey, 07656 Nature of Conveyance: Assignment 					
Execution Date: 10/18/99 4. New Patent Application entitled: O9.421782 EFFICIENT DE-QUANTIZATION IN A DIGITAL VIDEO DECODING PROCESS USING A DYNAMIC QUANTIZATION MATRIX FOR PARALLEL COMPUTATIONS					
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Anthony C. Murabito Address Wagner, Murabito & Hao LLP Two North Market Street, Third Floor, San Jose, CA 95113 Phone (408) 938-9060 					
6. Total Number of applications and p	patents involved: G	DNE			
 Fee Calculation (for other than a Assignment Recordation Fee, per Total Fees (37 CFR 3.41) X The amount of \$ 40.00 			1 X \$40.00 \$40.00		
8 At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.					
9. Statement and signature:			\wedge		
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.					

Name Anthony C. Murabito Reg. No. 35,295

10/27/1999 HULLARL 0000000 19421393 02 FC:581 (40.00 0P

Page 1 of 1

rev. 10/97 kgr

PATENT REEL: 012670 FRAME: 0773 Attorney Docket No.: <u>SONY-50N3070</u> Assignment To SONY Corporation and SONY Electronics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Wei-Jen Li

Wei-Jen Li do hereby sell, assign, and transfer unto SONY Corporation and SONY Electronics, Inc. (hereinafter called the Assignees), a Corporation of Delaware and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

EFFICIENT DE-QUANTIZATION WA DIGITAL VIDEO DECODING PROCESS USING A DYNAMIC QUANTIZATION MATRIX FOR PARALLEL COMPUTATIONS

Serial No.: _________ filed on _______ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignees, their successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignees.

I/we further covenant with the Assignees, 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;

In witness whereo	f, I/we hereunto	set my/our h	nand(s)	and seal:
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Date: 0.1.19.1999 Inventor's Signature:

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PATENT REEL: 012670 FRAME: 0774

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: SONY-50N3070

I GIASS FUSIC	ertify that this tra age and address ow date of depos	Seu to the U.S. Fatent and	cribed document is beir d Trademark Office, Ass	ng deposited with the United State signment Branch, North Tower Bu	es Postal Service in an e ilding, Suite 10C35, Was	nvelope bearing First hington, D.C., 20231,
Date of Deposit:	10/19/99	Name of Person Making the Deposit:	TONY CHOU	Signature of the Person Making the Deposit:	Tony	- Change
Washing Sir:	gton, D.C. 2	missioner for Pater 20231 .ttached original do		y(ies) thereof:	/	21782°70
			<u>Transmittal c</u>	of an Assignment		*0
1. Name party(i		ing Wei-Jen I	i			J C D
Serial Filed:	No.:)/19/99		Group Art Unit: Examiner:		
Red 3. Nat	me and Add ceiving part	y(ies) Shinaga SONY EI 07656 /eyance: Assig	awa-ku, Tokyo LECTRONICS, I	JAPAN, 7-35 Kitas , Japan NC., 1 Sony Drive,		
Exe	ecution Dat	e: 10/18/99				
4. New	/ Patent Ap	plication entitled:	DECODING	T DE-QUANTIZATION PROCESS USING A D OR PARALLEL COMPUT.	YNAMIC QUANTI2	
	ne and addr Name: Address Phone	Anthony C. M Wagner, Mura	urabito Ibito & Hao LLP Irket Street, Third	ice concerning documen I Floor, San Jose, CA 95		1:
6. Tota	l Number o	f applications and p	patents involved:	ONE		
As Tot	signment R	n (for other than a ecordation Fee, pe 37 CFR 3.41) 5 \$ 40.00	small entity) r property is enclosed		1 X \$40.00	\$40.00
8. At ove	any time du erpayments	ring the pendency to Deposit Accour	of this application at 23-0085. A du	n, please charge any add plicate copy of this trans	litional fees require mittal is enclosed.	d or credit any
To the be	tement and est of my know document.	signature: vledge and belief, the j	foregoing informatic	on is true and correct and any	y attached copy is a tr	ue copy of the
Data	October 1	10 1000		Name Anthony C Reg. No. 35,295	C. Murabito	

Date: October 19, 1999

Page 1 of 1

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RECORDED: 02/28/2002