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FORM PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp 6/30/2008)	SEP 2 0 2006
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09-25-2006



U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 09812.0793 Attorney Customer Number: 22,852

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۸ د	Name of conveying parties: Toshiyuki MIYAUCHI	Name and address of receiving party:
90	2. Yuichi MIZUTANI	Name: SONY CORPORATION
1,	Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address: 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN
	3. Nature of conveyance/Execution Dates: Execution Dates:	Street Address:
	1. August 27, 2006 2. August 28, 2006	
		City:
	☐ Security Agreement ☐ Change of Name	State: Zip Code:
	Joint Research Agreement	
	Government Interest Assignment	
İ	Executive Order 9424, Confirmatory License	Additional name(s) & Address(es) attached?
	Other	☐ Yes
ļ	4. Application number(s) or patent number(s):	This document is being filed together with a new application.
	A. Patent Application Number(s):	B. Patent Number(s):
	11/473,126	
	Additional numbers attached?	I ☐ Yes
	5. Name and address of to whom correspondence concerning document should be mailed:	6. Total number of applications and registrations involved: 1
	Name: Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40
		□ Authorized to be charged by credit card □ Authorized to be charged to deposit account □ Enclosed (Please charge deficiency to deposit account) □ None required (government interest not affecting title)
Ì	Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	8. Payment Information
	Street Address: 901 New York Avenue, NW	a. Credit Card Last 4 Numbers Expiration Date
	City: Washington, D.C.	b. Deposit Account No.: 06-0916
	State: Zip: 20001-4413	Authorized User Name
	8. Statement and signature.	correct and any attached copy is a true copy of the original
	To the best of my knowledge and belief, the foregoing information is true document.	September 20, 2006
	40.00 OP 16 26 711	will
01 F	David W. Hill (ature Date ERNEST F. CHAPMAN Use have sets and documents: 3
	Total number of pages including cover sheet, a	attachments and documents.

ASSIGNMENT

Docket Number: 09812.0793

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in VITERBI DECODING APPARATUS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome; Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 11/473126 Filing Date: June 23, 2006

This assignment executed on the dates indicated below.

Toshiyuki MIYAUCHI	Execution date of U.S. Patent Application
Name of first or sole inventor	2.144.11.
Tokyo, Japan	
Residence of first or sole inventor	1 20 2 (
Joshiyuki Miyanchi Signature of first or sole inventor	Aug. 27, 2006 Date of this assignment
Signature of first or sole inventor	

PATENT REEL: 018321 FRAME: 0940

Yuichi MIZUTANI Name of second inventor	
Name of second inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Tokyo, Japan Residence of second inventor	
Yuichi Mizutani Signature of second inventor	Date of this assignment
Signature of sécond inventor	Date of this assignment
Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
Signature of third inventor	Date of this assignment
Name of fourth inventor	Execution date of U.S. Patent Application
Name of fourth inventor	
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
	Execution date of U.S. Patent Application
Name of fifth inventor	
Residence of fifth inventor	Date of this assignment
Signature of fifth inventor	Date of this assignment

RECORDED: 09/20/2006

PATENT REEL: 018321 FRAME: 0941