

U.S. Department of Commerce
Patent and Trademark Office

al documents or copy thereof.

1 019()2761			
Atsushi HAYAMI Addit'l name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of conveyance: [X] Assignment	VICTOR COMPANY OF JAPAN, LTD. 3-12, Moriya-cho Kanagawa-ku Yokohama 221-0022 JAPAN Addit'l. name(s) & address(es) attached? [] Yes [X]			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 21, 2001 By Report Application No. (a)				
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached? [] Yes [X] No				
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved [1]			
Louis Woo, Esq. Law Offices of Louis Woo 1901 N. Fort Myer Drive Suite 501 Arlington State: VA Zip: 22209	7. Total fee (37 CFR 3.41)\$40.00 [X] Enclosed [] Authorized to be charged to deposit account [X] Charge deficiencies/credit overpayments to Deposit Account 50-0501			
09/989395	8. Deposit Account No: 50-0501 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
copy of the original document.	oing information is true and correct and any attached copy is a true ソーン し、 つい / Total number of pages comprising cover sheet: [3]			
Do not detach this portion				
Mail documents to be recorded with required cover sheet information to:				
Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231				
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.				

	0102/0189		
Docket	t No.:		
		ASSIGNMENT	
is herel	In consideration of the premises and other good a by acknowledged, the undersigned,	nd valuable consideration in hand paid.	, the receipt and sufficiency of which
	Atsushi HAYAMI		
who ha	as made a certain new and useful invention, hereby s	sells, assigns and transfers unto	
	VICTOR COMPANY OF JAPAN, LTD.		
	of 3-12, Moriya-cho, Kanagawa-ku, Yokohama 2	21-0022 Japan	
	cessors and assigns (hereinafter designated "ASSIG d in 35 U.S.C. 100 in the invention entitled MODULATION SYSTEM	NEE") the entire right, title and interes	t for the United States of America as
(a)	for which an application for United States Letters States Serial No; or	Patent was filed on	, and identified by United
(b)	for which an application for United States Letters	Patent was executed on <u>November</u>	<u>15, 2001</u> ,
States I thereof for its i	e undersigned hereby authorizes and requests the Unite Letters Patent which may be granted therefor and any and the right to all benefits under the International enterest as ASSIGNEE, its successors, assigns and legution shall hereafter act on behalf of said ASSIGNEE.	and all extensions, divisions, reissues, convention for the Protection of Indust all representatives; the undersigned agre	ontinuations, or continuations-in-part rial Property to the said ASSIGNEE,
success based t	AND the undersigned hereby agrees to transfer a staining original, divisional, reissued or extended Lasors, assigns and legal representatives, and without furthereon, growing out of or related to the said inventional representatives, deemed essential to ASSIGNEE.	etters Patent of the United States, upor urther remuneration, in and to any impro n; and to execute any papers by the said	n request of the said ASSIGNEE, its ovements, and applications for patent I ASSIGNEE, its successors, assigns
SIGNE	ED on the date indicated aside my signature:		
	INVENTOR	DATE SIGNED	
<u> </u>	Itsushi Hayami Atsushi Hayami	November 15, 2001	
Name:	Atsushi Hayami		

RECORDED: 11/21/2001

PATENT REEL: 012318 FRAME: 0874