08-14-2000

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Kazutaka ABE et al.

Serial No.: 09/530,540 (PCT/JP99/04750)

Filed: May 2, 2000

For: SIGNAL PROCESSING APPARATUS

## ASSIGNMENT TRANSMITTAL LETTER

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231 09/530540

Sir:

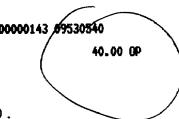
Please record the attached Assignment in the name of the assignor and the assignee as indicated below and return the original document to the undersigned.

1. Name of Conveying Party(ies):

Kazutaka ABE, Masaharu MATSUMOTO, Akihisa KAWAMURA, Masatoshi SHIMBO, and Naoki EJIMA.

2. Name and Address of Receiving Party(ies):

MATSUSHITA ELECTRIC INDUSTRIAL 67/06/2000 FRADE 00000143 89530540 1006, Oaza Kadoma, Kadoma-shi 02 FC:581 40 Osaka 571-8501, JAPAN.



- 3. Execution Date of Assignment: June 12, 2000.
- 4. If this Assignment is being filed together with a new application, the execution date of the application is: <u>June 12, 2000</u>.

PATENT REEL: 010981 FRAME: 0875 5. Total number of applications and patents involved: one.

All correspondence should be addressed to:

Roger W. Parkhurst
PARKHURST & WENDEL, L.L.P.
Suite 210
1421 Prince Street
Alexandria, VA 22314-2805.

The Assignment recordation fee (\$40.00) is covered by our attached Check Number  $\cancel{19904}$ .

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. Total number of pages including cover sheet, attachments and document  $\underline{3}$ .

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

Date

Roger W. Parkhurst

Registration No. 25,177

RWP/ch
Attorney Docket No. HYAE:098

June 30, 2000

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(rev.4/96)

## **ASSIGNMENT**

		(1) Kazutaka ABE	(5) Naoki	EJIMA
(1-8)	Insert Name(s) of Inventor(s)	(2) Masaharu MATS	(0)	
		(3) Akihisa KAWAM	· · · · · · · · · · · · · · · · · · ·	
		(4) Masatoshi SHI	<u>MBO</u> (8)	
			sum of dollar (\$1.00) and other goingned, the undersigned agree(s) to a	
( <b>9)</b>	Insert name of Assignee	(9) Matsushita Electric Industrial Co., Ltd.		
(10)	Insert address of Assignee	(10) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN		
		States, its territories, depo	the Assignee) the entire right, tit indencies and possessions, in the invient which may be granted therefor,	ention, and all applications for
(11)	Insert Identification of	(11) SIGNAL PROCESSING APPARATUS		
	Invention, such as Title, Case Number or Foreign Application Number		(Case No. HYAE: 098	)
		of America	has (have) executed an application	for patent in the United States
(12)	Insert Date of Signing of	(12 on June 12,	2000	
(13)	Application  Alternative identification  for filed applications	(13) U.S. application Serial Number 09/530,540		
		filed May 2, 2000	n connection with the application an	
with cl patent United entire i have) r	aims or provisions of the Internati 4) The undersigned agree(s) to to the Assignee. 5) The undersigned hereby auth States resulting from said applicat interest, and hereby covenants that not executed and will not execute, 6) The undersigned hereby gran	execute all papers and docu- onal Convention for Protecti- perform all affirmative acts norize(s) and request(s) the C- tion or any divisions or conti- he has (they have) full right any agreement in conflict he- nt(s) the firm of PARKHUR	nents and perform any act which ment of Industrial Property or similar a which may be necessary to obtain a commissioner of Patents to issue any ruing applications thereof to the said to convey the entire interest herein a rewith.  ST & WENDEL, L.L.P. the power to comply with the rules of the Uniterest.	greements. grant of a valid United States and all Letters Patents of the Assignee, as Assignee of the ssigned, and that he has (they er to insert on this assignment
Office	In witness whereof, executed b		late(s) opposite the undersigned n	
	Date func 12, 2000	Name of Inventor	Masakour Matsumoto	(SEAL)
	Date /4/2/11/2000	Name of Inventor	akihisa Kawamura	(SEAL)
			Masatoshi Shimbo	
	Date	Name of Inventor	Naski Enna	(SEAL)
			V	
U. <b>S.A</b> .	This assignment should preferable of neither, then it should be sign	y be signed before: (a) a Not ed before at least two witnes		) a U.S. Consul if outside the
	Date Jane 19, 2000	_ Witness	chino Mari	
	Date June 19, 2000	Witness Akih	ro Vshikawa	

**RECORDED: 06/30/2000** 

PATENT REEL: 010981 FRAME: 0877