FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

FEE ENCLOSED \$40.00

Deposit Account No. 18-0002

RI Please Charge any further fee to

06-21-2000

101385957

 $\Sigma T$ 

U.S. Department of Commerce Patent and Trademark Office **PATENT** 



	Submission Type  New Resubmission (No Document ID# Correction of PTO Reel # Corrective Docum Reel #	Error Frame #		(For U	☐ Security Agreer ☐ Change of Nan ☐ Other ☐ overnment	overnment Agencies)
	Conveying Party( Name (line 1)	ies) □Mark if  WATANABE, Aki		names of conveying	g parties attached	Execution Date Month Day Year  05252000
	Name (line 2) Second Party Name (line 1) Name (line 2)	NARA, Akihiko				Execution Date Month Day Year  05252000
	Receiving Party Name (line 1) Name (line 2)	□Mark if OKI ELECTRIC I	☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached.			
	Address (line 1) Address (line 2)	7-12, Toranomon 1-chome, Minato-ku			(Designation must be a separate document from Assignment)	
	Address (line 3)	Tokyo	Japan Sta	te/Country	Zip Code	
06/16/2000 04 FC:581	Domestic Representative Name and Address     Enter for the first Receiving       Name     Steven M. Rabin					g Party only.
	Address (lines) Address (lines) ABIN & CHAMPAGNE, P.C.					
	Address (line 3)	1725 K Street, N.W. Suite 1111				
	Address (line 4)	Washington City	D.C.	te/Country	20006 Zip Code	
Ĺ	FOR OFFICE USE ONLY					

FOR OFFICE USE ONLY

**PATENT** 

**REEL: 010857 FRAME: 0637** 

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027

PAGE 2

U.S. Department of Commerce Patent and Trademark Office

PATENT

Correspondent Name and Address		Area Code and Telephone Nur	nber 202-659-1915					
Name	Name Steven M. Rabin							
Address (line 1)	Rabin & Champagne, P.C.							
Address (line 2)	1725 K Street N.W.							
Address (line 3)	Washington	D.C.	20006					
	City	State/Country	Zip Code					
Pages Enter the total number of pages of the attached conveyance document # 2								
Application Number(s) or Patent Number(s)  Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Number (s)  Patent Number(s)  Patent Number(s)  If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.								
Patent Cooperation Treaty (PCT)  Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT PCT PCT PCT PCT PCT								
Number of Properties  Enter the total number of properties involved. # 1								
Fee Amount  Fee Amount for Properties Listed (37 C.F.R. 3.41):  Method of Payment Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number:  # 18-0002  Authorization to charge additional fees: Yes ☒ No ☐								
Statement and Signature								
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. Charges to deposit account are authorized, as indicated herein.								
Steven M. Rabin Name of Person Signin	g Signatu	re June 7, 2000 Date						

PATENT

REEL: 010857 FRAME: 0638

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Akira WATANABE and Akihiko NARA							
hereinafter referred to collectively as the assignor has invented a certain improvement METHOD AND SYSTEM FOR ALIGNING OBJECT TO BE PROCESSED							
relating to WITH PREDETERMINED TARGET ARTICLE							
[ x ] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office:							
said application having been filed in the United States Patent and Trademark Office on							
, authorization being hereby given to my attorneys, Steven M. Rabin,							
Thomas M. Champagne, Robert H. Berdo, Jr., and Charles W. Peterson, Jr. of RABIN & CHAMPAGNE,							
P.C., 1725 K Street, N.W., Washington, D.C. 20006, to insert here in parentheses (Application Serial No. ) the application serial number of said application when known;							
said application having been filed under the Patent Cooperation Treaty on							
, Serial No. ) , the United States of America being							
designated.  AND WHEREAS Oki Electric Industry Co., Ltd. of 7-12, Toranomon 1-chome,							
Minato-ku, Tokyo, Japan hereinafter referred to as the assignee is							
desirous of acquiring the entire right, title and interest in and to said application, including any and all							
divisions and continuations thereof, and in and to said invention and any and all patents which may be							
granted therefor, including any and all renewals, reissues and prolongations thereof;							
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and							
valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged,							
said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions							
and continuations thereof, and in and to said invention and any and all patents which may be granted							
therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said							
assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and							
all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers,							
privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of							
any and all such patents when granted, including any and all renewals, reissues and prolongations thereof,							
for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and							
beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment							
had not been made.  AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's							
successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including							
any and all renewals. reissues and prolongations thereof.							
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue							
Letters Patent on said application, and on any and all divisions and continuations thereof,							
to said assignee, and said assignee's successors and assigns, in accordance herewith.							
EXECUTED, this $\frac{25 fh}{}$ day of $\frac{May}{}$ , 20 $\underline{cv}$ .							
WITNESSES: ASSIGNOR:							
Signature:							
Name: Norio MORIYAMA Name: Akira WATANABE							
Address: c/o Oki Electric Industry Co., Ltd.							
7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan							
Signature: Koufer Shimoyuma							
Name: Kouhei SHIMOYAMA							
Address: c/o Oki Electric Industry Co., Ltd.							
7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan							

RABIN & CHAMPAGNE, P.C., Washington, D.C.

PATENT

REEL: 010857 FRAME: 0639

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

WITNESSES	\$ <del>:</del>		ASSIGNOR:				
Signature:	Now Morizania	_ Signature:	a kipika hara				
	Norio MORIYAMA						
Address:C/	o Oki Electric Industry (	ಯ., Ltd.					
7–12, To	oranomon 1-chome, Minato-	ku, Tokyo,	Japan				
Name: Kouhei SHIMOYAMA  Address: c/o Oki Electric Industry Co., Ltd.  7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan							
WITNESSES	S:		ASSIGNOR:				
Signature: _		_ Signature:					
Name:		Name:					
Address:		-					
Signature:		<u>.</u>					
Name:		_					
Address:							
RABIN & CH	HAMPAGNE, P.C., Washington, D						

**RECORDED: 06/08/2000** 

PATENT REEL: 010857 FRAME: 0640