						
FORM PTO-1595 (modified)	D E	10-30-20	003		DEPARTMENT OF COMMERC	
(Rev 6-93)	RE			SHEET	Patent and Trademark Offic	
····						
To the Director of the Unite	d States Pa	1025881	05	₃ attached original do	cuments or copies thereof.	
1. Name of conveying party	r(ies):		2. Name a	nd address of receiving	party(ies):	
	10	24-63				
Toshihiro HAYATA	• • • •	-4-03				
45			NEC	CORPORATION		
OCT 2 4 2003				7-1, Shiba 5-chome		
				o-ku, Tokyo, JAPAN	I	
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PARADEMARKS TRADEMARKS						
Additional conveying party(i	es)	NO				
3. Nature of conveyance:			-			
	GNMENT					
Execution Date:		Additional	(a) 9 addraga(aa)	ottochod2 NO		
4. Application number(s) or	er 22, 2003	er(s)·	Additional	name(s) & address(es)	attached? NO	
4. Application number(s) of	patont name	C1(3).				
If this is being filed togeth	ner with a nev	v application, the exe	ecution date o	of the application is:		
A Datast Applicat	ion Number(٠١٠		Patent Number(s):		
A. Patent Applicat	non namber(o).	D.	Patent Number(s).		
10/	415,663					
-				NO		
5. Name and address of pa	rty to whom	Additional numb	T			
concerning document sho			6. Total nu	imber of applications/pa	itents involved: 1	
-			7. Total fe	e (37 C.F.R. § 3.41):	\$40.00	
David A. Blumen			V Chon	k Enclosed		
FOLEY & LARDN			X Chec	K Enclosed		
Washington Harbour 3000 K Street, N.W., Suite 500			Charge to deposit account			
Washington, D.C. 20007-5143			8. Deposit	8. Deposit account number: 19-0741		
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		20,10.00		_		
Statement and signature						
To the best of my k	nowledge and				any attached copy is a true	
copy of the original docume	nt. The Com	missioner is hereby	authorized to	charge any additional re	ecordation fees which may	
be required in this matter to	tne above-id L.C.L.	entinea aeposit acco	unt.	, ,		
David A. Blume		Thille	· I Mrd	tiola	October 24, 2003	
he Name of name of			Simul		Data	
Name of person sign	gning		Signati	ure Res No. 38,819	Date	
		Total number of page	aes includina	cover sheet, attachmer	its, and document: 3	
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PATENT REEL: 014630 FRAME: 0571

WN-2424(P) 2000-341955

U.S. Rights-Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and

NEC Corporation

address of

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

assignee

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of

RAKE RECEIVER AND RECEIVING METHOD

invention

as set forth in this United States Patent Application

check one

Dexecuted concurrently herewith

Dexecuted on

Serial No. 10/415,663

Filed 5/8/2003

and which was filed as PCT International Application on November 9, 2001 and was given an Application No. PCT/JP01/09833

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary

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PATENT REEL: 014630 FRAME: 0572 or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby authorizes the firm of FOLEY & LARDNER to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS					
Name: Toshihiro HAYATA	Signature: Teshihir Keyata	Date: 10/22/2003			
Name;	Signature:	Date:			
Name:	Signature:	Date:			
Name:	Signature:	Date:			
NAMES AND SIGNATURES OF WITNESSES					
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Name: AKIRA MUTO	Signature: Ter a most	Date: 10/22/2003			
Name:	Signature:	Date:			
Name:	Signature:	Date:			

Note: Prima facia evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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RECORDED: 10/24/2003