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U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01)	022603	43	U.S. Patent a	and Trademark Office
ONIB NO. 0051-0027 (exp. 5/31/2002)	, <u></u> 200	, U	_	_
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	no mademarks: I			
Name of conveying party(ies): Hiroaki OHKUBO		2. Name and ad Name:	dress of receiving party Nec Corporation	
Yasutaka NAKASHIBA		IName		·
		Internal Addre	ess:	3.v
Additional name(s) of conveying party(ies) attached?				22.5
3. Nature of conveyance:	Lies ENO			40,
<u> </u>	_		7.1 Chiha	
✓ Assignment		7-1, Shiba 5-chome Street Address: Minato-ku, Tokyo Japan		
		City:	State:	Zip:_
Execution Date: October 7, 2002				
Execution Date:		Additional name(s) & address(es) attached?	₩Yes ₩ No
4. Application number(s) or patent number(s	•			
If this document is being filed together with	h a new applic	cation, the executi	on date of the applicati	October 7, 2002
A. Patent Application No.(s)		B. Patent No.	(s)	
Additio	i onal numbers atta	 ached? ☐Yes ☐	No	
5. Name and address of party to whom correspondence		6. Total number of applications and patents involved: 1		
concerning document should be mailed:				40.00
Katten Muchin Zavis Rosenmal	n 	7. Total fee (37 C	CFR 3.41)\$	
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9. Statement and signature.		. .		
To the best of my knowledge and belief, the	he foregaing ii	nformation le true	and correct and any att	tached copy
is a true copy of the original document. Michael I. Markowitz	4111.1	114 this	00	ctober 17, 2002
Name of Person Signing	Allio	Signatura		Date
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uments to be recorded with required cover sheet inform Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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PATENT REEL: 013407 FRAME: 0146

ASSIGNMENT

Docket No. NECF 20.031

for which	
(check one)	[X] an application is being filed concurrently herewith,
	[] an application for a Patent of the United States was filed onand given Application Serial No
and WHEREAS, NEC	Corporation
having a place of busine	ess at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
. 1	ASSIGNEE the entire right, title and interest in, to and under the said invention and the said application.
consideration, the receipthese presents does here assigns, the entire right, renewals and continuate thereof; and all applicate and designs which may right to file such applicate the Patent Laws of the agreement or the dome property protection, in said invention in any construction on application on application on application.	EFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable pt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by eby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and title and interest in, to and under the said invention, and the said United States application and all divisions, ions thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions for industrial property protection, including, without limitation, all applications for patents, utility models hereafter be filed for said invention in any country or countries foreign to the United States, together with the ations and the right to claim for the same the priority rights derived from said United States application under United States, the International Convention for the Protection of Industrial Property, or any other international stic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial cluding, without limitation, patents, utility models, inventor's certificates and designs which may be granted for country or countries foreign to the United States and all extensions, renewals and reissues thereof; authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of the United States, whose duty it is to issue patents or other evidence or forms of industrial proper ons as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in terms of this instrument; and
and will not execute, a	covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, my agreement in conflict herewith; and
representatives and ass execute all divisional,	further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal signs, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to a ts successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in a
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