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

06-18-2001

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



	AND THE REAL PROPERTY OF THE P				
101752318					
RECURDATION FORM COVER SHEET					
PATENTS ONLY  TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les).					
Submission Type Conveyance Type					
X New	X Assignment Security Agreement				
Resubmission (Non-Recordation) Document ID#	License Change of Name				
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government				
Corrective Document	(For Use ONLY by U.S. Government Agencies)				
Reel # Frame #	Departmental File Secret File				
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date  Month Day Year				
Name (line 1) Atsushi OGURA	04/25/2001				
Name (line 2)	Execution Date				
Second Party	Month Day Year				
Name (line 1)					
Name (line 2)					
Receiving Party	Mark if additional names of receiving parties attached				
Name (line 1) NEC Corporation	If document to be recorded is an assignment and the				
Name (line 2)	receiving party is not domiciled in the United				
	States, an appointment of a domestic representative is attached.				
Address (line 1) 7-1, Shiba 5-chome, Mina	tO-KU (Designation must be a separate document from				
Address (line 2)	Assignment.)				
Address (line 3) Tokyo	JAPAN				
City	State/Country Zip Code				
Domestic Representative Name and Ad	IQTESS Enter for the first Receiving Party only.				
Name					
Address (line 1)					
Address (line 2)					
Address (line 3)					
1					
Address (line 4) 06/04/2001 NNGIYEN 00000085 09785247					
01 FC:581 40.00 0F FOR OFFICE USE ONLY					

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gethering the data needed to complete the Cover Sheet. Send confiments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, U.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT REEL: 011890 FRAME: 0404

FORM PTO- Expires 06/30/99 OM8 0651-0027	-161 <b>9</b> B	Page 2		U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Teleph	one Number	(212)643-5000
Name [	Helfgott & Karas, P.C.			
Address (line 1)	Empire State Building			
Address (line 2)	60th Floor			
Address (line 3)	New York, New York 10118			
Address (line 4)	Attorney Docket No.: NECN	18.396		
Pages	Enter the total number of page including any attachments.	s of the attached conv	eyance document	# 1
	Number(s) or Patent Numb	• •		al numbers attached
	e Patent Application Number or the Pate	nt Number (DO NOT ENTER		· · · · · · ·
09/786.247	ent Application Number(s)		Patent Numl	ber(s)
	7			
	J			
	being filed together with a new Patent A	Application, enter the date th	e patent application was	Month Day Year
	named executing inventor.	· · · · · · · · · · · · · · · · · · ·		04/25/2001
_	eration Treaty (PCT) r PCT application number	PCT	РСТ	PCT
only	If a I I C. Amultantian Number	РСТ	РСТ	PCT
Number of Properties  Enter the total number of properties involved. # 1				
Fee Amount	Fee Amount for	Properties Listed (37	CFR 3.41): \$	40.00
Method of Payment: Enclosed X Deposit Account Deposit Account				
(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 08-1634				
	Aut	horization to charge add	itional fees: Yes	X No
Statement ar	nd Signature			
attache	best of my knowledge and belied copy is a true copy of the origed herein.			
Ha	arris A. Wolin	1	<b></b>	May 29, 2001
Name	of Person Signing	Signature		Date
covered b	lue with this paper, not fully by an enclosed check, may be on Deposit Acct. No. 08-1634		Filed by Express Mai (Receipt No. E. 5.2) on	2403654US 2001 21.10.3

PATENT REEL: 011890 FRAME: 0405

## **ASSIGNMENT**

Docket No. NECN18.396

WHEREAS, the be	elow named inventor, ASSIGNOR, has made a certain new and useful invention in:
SO	I SUBSTRATE AND METHOD FOR MANUFACTURING THE SAME
for which	
(check one) []	an application is being filed concurrently herewith,
<b>¥</b> ]	an application for a Patent of the United States was filed on February 28, 2001
[]	and given Application Serial No. 09/786,247  NEC Corporation
and WHEREAS,	
having a place of t	susiness at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
is desirous of obtain	, ASSIGNEE ining the entire right, title and interest in, to and under the said invention and the said application:
said United States which may be grapotection, including filed for said investigations and the Patent Laws of the international agreement all forms of incates and designs all extensions, remaind a file of any conforms of industria successors, legal representativel awful papers, exception.	epresentatives and assigns, the entire right, litle and interest in, to and under the said invention, and the application and all divisions, renewals and continuations thereof, and all Patents of the United States anted thereon and all reissues and extensions thereof; and all applications for industrial propertying, without limitation, all applications for patents, utility models, and designs which may hereafter be action in any country or countries foreign to the United States, together with the right to file such the right to claim for the same the priority rights derived from said United States application under the termital United States, the International Convention for the Protection of Industrial Property, or any other ament or the domestic laws of the country in which any such application is filed, as may be applicable; industrial property protection, including, without limitation, patents, utility models, inventor's certification may be granted for said invention in any country or countries foreign to the United States and evals and reissues thereof; authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any untry or countries foreign to the United States, whose duty it is to issue patents or other evidence or all property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument.  NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has will not execute, any agreement in conflict herewith.  NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, es and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all scute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally sible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce
	for said invention in all countries.
Full name of sole	or first inventor, Atsushi OGURA
Inventor's signatu	
Residence To	
Post Office Addre	c/o NEC Corporation
•	7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
Eull name of ac	and injust inventor if any
	nd joint inventor, if any Date
	Citizenship
Post Office Addre	
2 03t Office Muli	
	•
Witness	
	Trumitale Watarale Mitters motor

RECORDED: 05/29/2001 REEL: 011890 FRAME: 0406