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

RI 101790078
PATENT

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

PATENT

PATENTS ONLY

TO: The Commissioner of Patents and Tradema			cument(s) or copy(ies).
Submission Type New (7//1//)	Conveyance Ty Assignment	· —	
	Assignment	Security Ag	jreement
Resubmission (Mon-Recordation) Document ID#	License	Change of I	Name
Correction of PTO Error	Merger	Other	
Reel # Frame # Corrective Document	(For	U.S. Governme	ent nent Agencies)
Reel # Frame #		epartmental File	Secret File
Conveying Party(ies)	Mark if addition	al names of conveying p	arties attached Execution Dat Month Day Yo
Name (line 1) Yoshiharu HASHIMOTO			07 09 0
Name (line 2)			
Second Party			Execution Date
Name (line 1)	1/0/2	99/	
Name (line 2)	1//06/	110	
Receiving Party		Mark if additional names	of receiving parties attached
Name (line 1) NEC CORPORATION			If document to be rules an assignment a
Name (line 2)			receiving party is no domicited in the Un
			States, an appointn of a domestic
Address (line 1) 7-1, Shiba 5-chome			representative is at (Designation must
Address (line 2) Minato-ku			separate document Assignment.)
Address (line 3) Tokyo	Japan		
Domestic Representative Name and A	State/Country		Zip Code
	Ente	r for the first Receiving F	Party only.
Name			W - 17
Address (line 1)			
Address (line 2)			
Address (line 3)	······································		
Address (line 4)			
01 EHAILE1 00000039 09906996	FOR OFFICE USE ON	V	

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 gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20593. 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

REEL: 012000 FRAME: 0426

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 Addre	ess Area Code and Telephone 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 1	0118	
Address (line 4) Attorney Docket No.:	NECQ 18.853	
Pages Enter the total number including any attachn	r of pages of the attached conveyance documents.	ent # 1
Application Number(s) or Paten		Iditional numbers attached
Enter either the Patent Application Number of Patent Application Number	or the Patent Number (DO NOT ENTER BOTH numbers for r(s) Patent	or the same property). Number(s)
If this document is being filed together with a ne signed by the first named executing inventor.	Patent Application, enter the date the patent application	n was Month Day Year
Patent Cooperation Treaty (PCT	PCT PCT	PCT
Enter PCT application number only if a U.S. Application N		PCT
has not been assigned.		
Number of Properties Enter	the total number of properties involved. #	1
Fee Amount Fee Am	nount for Properties Listed (37 CFR 3.41): \$	40.00
Method of Payment: Deposit Account	Enclosed X Deposit Account	
•	or if additional fees can be charged to the account.) Deposit Account Number: #	08-1634
	Authorization to charge additional fees:	Yes 🗶 No
Statement and Signature	/	
To the best of my knowledge a attached copy is a true copy o	and belief, the foregoing information is true ar of the original document. Charges to deposit a	nd correct and any account are authorized, as
indicated herein.		
Samson Helfgott		7/17/01
Name of Person Signing	Signature 7	Date

PATENT REEL: 012000 FRAME: 0427

NECQ 18.853

277

ASSIGNMENT

Docket No.	

WHEREAS, O			d inventor,				tain new and	บระโบไ	invention in	:
for which										
(check one)	[x] []	an appl	ication is be ication for a en Applicat	Patent of the	ie United		ith, was filed on			
and WHERE			Corpor							
having a plac					5-ch	ome,	Minato	-ku,	Tokyo,	Japan
								inventio	on and the sa	, ASSIGNEE id application:
ferred and se successors, le said United S which may be protection, in filed for said applications: Patent Laws international and all forms cates and des all extensions. ASSIGN Official of an forms of ind successors, le AND AS not executed, AND AS	et over egal restates be granded invested in the agreement of the agreemen	and by presental application in the district of the ment or the district of the ment or the district of the ment of the district of the ment of the district o	these preservives and asson and all different and all different any country of claim for the States, the defendent property protection of protection and request the protection of protection in the protection in the protection is and assecute, any there cover any protection and assecute, any there cover and assecute assecute assecute assecute and assecute assecute and assecute	ints does hereigns, the entity is in all applications, all applications of the same the same the state of the content of the c	reby sell, attre right newals are actions for es foreign to priority al Convert country cluding, where the country cluding as a country cluding a country cluding as a country cluding a country cluding as a country cluding	assign,, title and continuing to the rights dention for in which in any control of Pat States, we afforced with the there will control of the	transfer and d interest in, nuations there in, nuations there hereof; and a utility mode. United State erived from so the Protection and such application, pare country or contents and Trachose duty it aid, to issue terms of this o convey the th.	set over to and upof, and all applets, and es, togo aid Union of I uplication the same the same cutire it to the same to the s	r, unto the sainder the sain all Patents ications for designs while there with the ited States and industrial Property on is filed, as tility models foreign to the saind ASSIGI ASSIGI	aid ASSIGNEE, its dinvention, and the of the United States industrial property ch may hereafter be eright to file such opplication under the operty, or any other may be applicable; inventor's certifice United States and ted States, and any or other evidence or oth
lawful paper	s, exce g poss	cute all d ible to ai	ivisional, co d the said A evention in a	ontinuing, re SSIGNEE, Il countries	cissue and its success.	d forcig ssors, le	n applications gal represents	s, make	all rightful	oaths, and generally o obtain and enforce
Full name of				OSHIHA		S	<u></u>			0.000
Inventor's sig	gnatur	e	Jaskika	m Hask	imalo	(A)				9, 2001
Residence				0						Japanese
Post Office A	Addres			_						Minato-ku
19 G	•									
		=								
Post Office A	Addre:									
Witness:	·									
- Xi	les	hi	Clas	عث						
(A)	\leq	4	Just							

RECORDED: 07/17/2001

PATENT REEL: 012000 FRAME: 0428