10-24-2001 Docket No.: 7147-101XX FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08ATREV03 101883907 Tab settings → → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): 10-10-0 Hiroichi INADA Hirofumi OOKUMA Name: TOKYO ELECTRON LIMITED Address: 3-6, Akasaka, 5-chome, Minato-ku ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger ☐ Security Agreement ☐ Change of Name City: Tokyo State/Prov.: □ Other Country: JAPAN ZIP: Execution Date: September 18, 2001 Additional name(s) & address(es) ☐ Yes ⊠ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: **September 18, 2001** Patent Application No. B. Patent No.(s) ☐ Yes ☒ No Additional numbers Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: > Name: M. John Carson 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: FULBRIGHT & JAWORSKI L.L.P. Authorized to be charged to deposit account 865 South Figueroa Street; 29th Floor 8. Deposit account number: City: Los Angeles 50-0337 State/Prov.: CA Country: USA ZIP: 90017-2576 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. 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.

> Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

Signature

M. John Carson

Name of Person Signing

October 10, 2001

Date

Assignment of Rights, Title and Interest in Invention  (Multiple inventors; single assignee)  Docket No.					
This is an Assignment of the following rights, title and interest: (check all that apply):					
☐ United States of America rights, title and interest in the invention					
	United States Patent Application Serial No.				
	Date of Execution:	Date of Filing:			
	United States Provisional Patent Application Serial No.				
	United States Patent No(s).				
	International (PCT) Patent Application Serial No.				
	Other (specify)				
Title of the Invention					
TREATMENT SOLUTION SUPPLY APPARATUS AND TREATMENT SOLUTION SUPPLY METHOD					
inventors (as	Inventors (assignors)				
Name		Address			
Hiroichi INADA		c/o Tokyo Electron Kyushu Limite 1-1, Fukuhara, Koshi-machi, Kikuc	chi-gun, Kumamoto, Japan		
Hir	ofumi OOKUMA	c/o Tokyo Electron Kyushu Limite	i		
		1-1, Fukuhara, Koshi-machi, Kikuc	hi-gun, Kumamoto, Japan		
ļ					
Assignee					
Name		Address			
To	okyo Electron Limited	3-6, Akasaka 5-chome, M	inato-ku,Tokyo, Japan		

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## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 7147-101XX

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date	
Hiroichi INADA	Hiroichi Inada	/ September 18,200/
Hirofumi OOKUMA	Hiroichi Inada Hèrofumi Ookuma	/ September 18,200/ September 18,200/
		/

**RECORDED: 10/10/2001** 

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