OMD No. 0054 0007 (cur. 0/00/0000)	4 - 2006 U.S. DEPARTMENT OF COMMERCE	
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Jun OZAWA (05/08/2001), Jun HIROSE		
(05/08/2001), and Masaki NARUSHIMA	Name: TOKYO ELECTRON LIMITED	
(05/08/2001) Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:	
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3. Nature of conveyance/Execution Date(s):	3-6, Akasaka 5-Chome Minato-ku	
Execution Date(s): in parentheses after inventor name	Tokyo	
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A. Patent Application No.(s)	B. Patent No.(s)	
This application		
Additional numbers attached	l? Yes X No	
 Name and address to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:	
Name: David L. Fehrman	40.00	
MORRISON & FOERSTER LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
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Phone Number: (213) 892-5601	Expiration Date	
Fax Number: (213) 892-5454	b. Deposit Account Number 03-1952 Authorized User Name David L. Fehrman	
Email Address: DFehrman@mofo.com	Authorized Oser Name David L. Ferinman	
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PATENT REEL: 017476 FRAME: 0464

ASSIGNMENT

In consideration of value received. I, having a mailing address at c/o Intellectual Property Dept., TOKYO ELECTRON LIMITED. 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

VACUUM PROCESS SYSTEM

said application having been filed on and assigned Application No.; sell and assign to TOKYO ELECTRON LIMITED a corporation of Japan, having a business address at 3-6, Akasaka 5-chome, Minato-ku. Tokyo 107-8481 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- \times executed concurrently herewith:
- ___executed separately herefrom:

and in and to all applications for patent and patents for said invention. in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents. to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee. I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

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Morrison & Foerster LLP, 555 West Fifth Street, Los Angeles, California 90013-1024, U.S.A.

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