MORRISON & FOERSTER MACHINE #7	07-26-2000 11:17/NO. 4860355833 P 3
Form PTO-1595 1-31-92	US DEPARTMENT OF CON Patient and Tradema 101396939 PATENTS ONLY
To the Honorable Commissioner of Patents and Trademarks. Please record the	a attached original documents of copy thereof.
<ol> <li>Name of conveying party(ies): Hiroshi TANAKA; Shigenori KITAHARA; and Kokichi HIRO</li> <li>Additional name(s) of conveying party(ies) attached? <a href="https://www.second.org">https://www.second.org</a></li> </ol>	Name: TOKYO ELECTRON LIMITED
3. Name of Conveyance:	(2b.) Name Address: Additional name(s) & address(es) attached? Oyes @no
4. Application number(s) or patent number(s);	
A. Patent Application No.(s): 09/196,010 (filed 11	In, the execution date of the application is:
<ul> <li>5. Name and address of party to whom correspondence condocument should be mailed:</li> <li>Name: <u>Hisako Muramatsu. Esg</u> Internal Address: <u>GRAHAM &amp; JAMES LLP</u></li> <li>Street Address: <u>801 S. Figueroa St., 14th Fl.</u> City: <u>Los Angeles</u> <u>State:</u> CA <u>ZIP 90017-5554</u></li> </ul>	<ul> <li>7. Total fee (37 CFR 3.41):S 40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul>
DO	NOT USE THIS SPACE 40E
<ul> <li>9. Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoing in document.</li> <li>Brian M. Berliner</li> <li>Name of Person Signing</li> </ul>	NOT USE THIS SPACE 40E MOSA mormation is true and correct and any attached copy is a true copy of the criginal January 21, 1999 Date Total number of pages comprising cover sheet, attachments and docume
Mail documents to be recorded with required cover sheet information to:	Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

PATENT REEL: 010815 FRAME: 0595 FROM MORRISON & FOERSTER MACHINE #7

The undersigned in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to the undersigned, agrees to assign, and hereby does assign, transfer and set over to

TOKYO ELECTRON LIMITED

with a principle place of business at 3-6, Akasaka 5-chome, Minato-ku, Tokyo-to, Japan

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the application for patent filed in the United States of America entitled

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and all continuations, reissues and divisionals thereof.

(1) The undersigned agrees to execute all papers necessary in connection with the application and any continuing, reissue or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

(2) The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

(3) The undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

(4) The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

(5) The undersigned hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

(6) The undersigned hereby grants DAVID L. FEHRMAN, Registration No. 28,600; DAVID L. HENTY, Registration No. 31,323; WILLIAM J. ROBINSON, Registration No. 29,430; STUART L. MERKADEAU, Registration No. 33,262; DAVID B. ABEL, Registration No. 32,394; HISAKO MURAMATSU, Registration No. 34,955; BRIAN M. BERLINER, Registration No. 34,549; DAVID J. MEYER, Registration No. 33,425; VINCENT J. BELUSKO, Registration No. 30,820; VICTOR DE GYARFAS, Registration No. 40,583; JONATHAN L. PETTIT; Registration No. 40,770; and Dennis R. GALLAGHER, Reg. No. 42,563, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Dec. 25, Date: 1998	(Inventor's name) Hiroshi TANAKA
Dec. 25, Date: 1998	Shigamor, Kitahaki. (Inventor's name) Shigenori KITAHARA
Dec. 25, Date: 1998	(Inventor's name) Shigenori KITAHARA Mohichi Hiroshiro (Inventor's name) Kokichi HIROSHIRO
Date:	

(Inventor's name)

## PATENT REEL: 010815 FRAME: 0596

**RECORDED: 01/26/1999**