PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Sanjeev Kaushal | 04/10/2006 |
| Pradeep Pandey | 04/12/2006 |
| Kenji Sugishima | 04/10/2006 |

RECEIVING PARTY DATA

| Name: | Tokyo Electron Limited |
|-------------------|--------------------------------|
| Street Address: | 3-6 Akasaka 5-Chome, Minato-Ku |
| Internal Address: | TBS Broadcast Center |
| City: | Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 107 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11278379 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | TPS-027 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | Kristi L. Davidson |

PATENT

REEL: 017631 FRAME: 0201

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Total Attachments: 4 source=TPS-027_Assignment#page1.tif source=TPS-027_Assignment#page2.tif source=TPS-027_Assignment#page3.tif source=TPS-027_Assignment#page4.tif

> PATENT REEL: 017631 FRAME: 0202

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, Sanjeev Kaushal, Pradeep Pandey, Kenji Sugishima, hereby assign to Tokyo Electron Limited, a Corporation of Japan and having a place of business at TBS Broadcast Center, 3-6 Akasaka 5-Chome Minato-Ku, Tokyo 107 JAPAN, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled MONITORING A SYSTEM DURING LOW-PRESSURE PROCESSES, and filed on March 31, 2006 as Patent Application No. 11/278,379 preparatory to obtaining Letters Patent of the United States therefor, this assignment including said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. We hereby authorize and request any one of the attorneys of Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 441 Vine Street, Cincinnati, OH 45202, to insert herein the application serial number of said application when known.

| Inventor's Sign Full Name: Residence: | nature Sanjeev Kaushal Austin, Texas San Jose, CA | Kaushal R | Date 04/16/06 |
|---------------------------------------------|---------------------------------------------------|--------------|---------------|
| Inventor's Sign Full Name: Residence: | nature Pradeep Pandey San Jose, California | | Date |
| Inventor's Sign Full Name: Residence: | nature Journal Sugishima Tokyo, JAPAN | jsl <u>y</u> | Date 04/10/06 |

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, Sanjeev Kaushal, Pradeep Pandey, Kenji Sugishima, hereby assign to Tokyo Electron Limited, a Corporation of Japan and having a place of business at TBS Broadcast Center, 3-6 Akasaka 5-Chome Minato-Ku, Tokyo 107 **JAPAN**, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled MONITORING A SYSTEM DURING LOW-PRESSURE PROCESSES, and filed on March 31, 2006 as Patent Application No. <u>11/278,379</u> preparatory to obtaining Letters Patent of the United States therefor, this assignment including said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. We hereby authorize and request any one of the attorneys of Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 441 Vine Street, Cincinnati, OH 45202, to insert herein the application serial number of said application when known.

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App. No. 11/278,379 1

| Inventor's Sig | nature | Date | |
|--------------------------------------------|-----------------|------|--------|
| Full Name: | Sanjeev Kaushal | | |
| Residence: | Austin, Texas | | |
| Inventor's Sig Full Name: Residence: | nature | Date | 4/2/06 |
| Inventor's Sig | | Date | |
| Full Name: | Kenji Sugishima | | |
| Residence: | Tokyo, JAPAN | | |