

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jozef Kudela</td><td>02/04/2009</td></tr><tr><td>Carl A. Sorensen</td><td>02/23/2009</td></tr><tr><td>Soo Young Choi</td><td>02/03/2009</td></tr><tr><td>John M. White</td><td>02/06/2009</td></tr></tbody></table>	Name	Execution Date	Jozef Kudela	02/04/2009	Carl A. Sorensen	02/23/2009	Soo Young Choi	02/03/2009	John M. White	02/06/2009	
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John M. White	02/06/2009										
RECEIVING PARTY DATA											
Name:	Applied Materials, Inc.										
Street Address:	P.O. Box 450A										
City:	Santa Clara										
State/Country:	CALIFORNIA										
Postal Code:	95052										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12343519</td></tr></tbody></table>	Property Type	Number	Application Number:	12343519							
Property Type	Number										
Application Number:	12343519										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Yolande M. Glass										
Total Attachments: 2 source=12102 US exec ASG#page1.tif											

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PATENT  
REEL: 022371 FRAME: 0291



## ASSIGNMENT

1. The undersigned Assignor(s) made an Invention entitled:

“Asymmetrical RF Drive for Electrode of Plasma Chamber”

for which Assignor(s) executed a United States patent application on or about the date of this assignment.

2. The Assignee is:

Applied Materials, Inc.

a corporation of the State of Delaware, U.S.A.

address: 3050 Bowers Ave., Santa Clara, California 95054, U.S.A.

3. For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned Assignor(s) hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title, and interest in said Invention throughout the world, including: (a) all rights to apply for patents on said Invention in every country pursuant to the International Convention for the Protection of Industrial Property or otherwise, and all rights of priority resulting from the filing of said applications; (b) all patent applications and patents of every country and every group of countries for said Invention, including divisions, continuations, reissues and extensions thereof.

4. Assignor(s) authorize Assignee to apply for patents throughout the world for said Invention, and claim all rights of priority, without further authorization from Assignor(s).

5. Assignor(s) agree to execute all papers useful in connection with said patent

applications and patents, and generally to do everything possible to aid Assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said Invention in all countries.

6. The undersigned Assignor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

7. This agreement shall be binding upon Assignor(s) and their respective heirs and legal representatives.

Executed by Assignor(s) on the dates entered below:

(1) Signature: Jozef Kuдела Date: 02/04/2009  
Name: Jozef KUDELA

(2) Signature: Carl A. Sorensen Date: 2/23/2009  
Name: Carl A. SORENSEN

(3) Signature: Soo Young Choi Date: 2-03/09  
Name: Soo Young CHOI

(4) Signature: John M. White Date: 2/6/09  
Name: John M. WHITE