PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Anthony de la Llera	01/03/2011
Pratik Mankidy	01/03/2011
Rajinder Dhindsa	01/04/2011
Michael C. Kellogg	01/03/2011
Gregory R. Bettencourt	01/04/2011
Roger Patrick	01/04/2011

RECEIVING PARTY DATA

Name:	Lam Research Corporation	
Street Address:	4650 Cushing Parkway	
City:	Fremont	
State/Country:	State/Country: CALIFORNIA	
Postal Code: 94538		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12985568

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 1015292-000508

NAME OF SUBMITTER: Peter K. Skiff

501398714 PATENT REEL: 025594 FRAME: 0515

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Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif

> PATENT REEL: 025594 FRAME: 0516

Attorney Dkt. No.: 1015292-000508

Lam Dkt No.: P2220

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by 1) ANTHONY DE LA LLERA, 2) PRATIK MANKIDY, 3) RAJINDER DHINDSA, 4) MICHAEL C. KELLOGG, 5) GREGORY R. BETTENCOURT AND 6) ROGER PATRICK, residing at 1) 39420 Wilford Street, Fremont, California 94538, 2) 39547 Gallaudet Drive, Apt. 3011, Fremont, California 94538, 3) 3670 Rollingside Drive, San Jose, California 95148, 4) 5901 Marden Lane, Unit A, Oakland, California 94611, 5) 3775 Howe Court, Fremont, California 94538 and 6) 102 Whit's Road, Mountain View, California 94040, (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in CAM-
LOCKED SHOWERHEAD ELECTRODE AND ASSEMBLY set forth in an application for Letters
Patent of the United States, ■ which is an application to be filed herewith; □ which is a non-provisional
application having an oath or declaration executed on even date herewith prior to filing of application;
bearing Application No, and filed on; and

WHEREAS, LAM RESEARCH CORPORATION, a corporation duly organized under and pursuant to the laws of <u>DELAWARE</u> and having its principal place of business at <u>4650 CUSHING PARKWAY</u>, <u>FREMONT</u>, <u>CA 94538</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thercon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of BUCHANAN INGERSOLL & ROONEY PC of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date _	1/3/2011	Signature of Assignor	Anthony de la Llera
Date _	1/3/2011	Signature of Assignor	Pratik Mankidy
Date _	1/4/2011	Signature of Assignor	Rajinder Dhindsa
Date _	1/3/11	Signature of Assignor	Michael C. Kellogg
Date _	1/4/11	Signature of Assignor	Gregory R. Bettenional
Date _	1/4/4	Signature of Assignor	Roger Patrick