

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anthony J. Ricci	03/07/2005
Keith Comendant	03/07/2005
James Tappan	03/07/2005

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11027481

CORRESPONDENCE DATA

Fax Number: (408)287-8040

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4082925800

Email: sbyam@thelen.com

Correspondent Name: David B. Ritchie

Address Line 1: P.O. Box 640640

Address Line 4: San Jose, CALIFORNIA 95164-0640

ATTORNEY DOCKET NUMBER:

032747-077

NAME OF SUBMITTER:

Suvashis Bhattacharya

Total Attachments: 4

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PATENT

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ASSIGNMENT

WHEREAS, we, Anthony J. Ricci, a citizen of the United States of America, residing at 1513 Yukon Drive, Sunnyvale, CA 94087, Keith Comendant, a citizen of the United States of America, residing at 4350 Glidden Way, Fremont, CA 94536, and James Tappan, a citizen of the United States of America, residing at 1217 Inverness Court, Fremont, CA 94539, have invented an **"Apparatus for Spatial and Temporal Control of Temperature on a Substrate"** for which we have executed application papers for a U.S. patent thereon which was filed on December 30, 2004, having Application No. 11,027,481; and

WHEREAS, Lam Research Corporation, a Delaware corporation, having a place of business located at 4650 Cushing Parkway, Fremont, CA 94538, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Anthony J. Ricci, Keith Comendant, and James Tappan, do sell, assign, transfer and set over unto the said Lam Research Corporation, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Lam Research Corporation, its successors and assigns, in accordance with this Assignment.

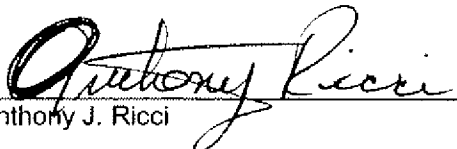
ASSIGNMENT CONTINUATION

Re: U.S. Patent Application entitled: **Apparatus for Spatial and Temporal Control of Temperature on a Substrate**

Inventor: Anthony J. Ricci

Filing date: December 30, 2004

WITNESS MY HAND at FREMONT, California, this 7 day of
March, 2005.


Anthony J. Ricci

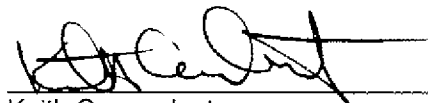
ASSIGNMENT CONTINUATION

Re: U.S. Patent Application entitled: **Apparatus for Spatial and Temporal Control of Temperature on a Substrate**

Inventor: Keith Comendant

Filing date: December 30, 2004

WITNESS MY HAND at FREMONT, California, this 7 day of
MARCH, 2005.



Keith Comendant

ASSIGNMENT CONTINUATION

Re: U.S. Patent Application entitled: **Apparatus for Spatial and Temporal Control of Temperature on a Substrate**

Inventor: James Tappan

Filing date: December 30, 2004

WITNESS MY HAND at Fremont, California, this 7th day of March, 2005.

James E. Tappan
James Tappan