10-07-2003 Form **PTO-1595** U.S. DEPARTMENT OF COMMERCE R (Rev. 10/02) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) Express Mail No. ER454373219US Atty Docket 004.0124 102568633 Tab settings ⇔⇔⇔ To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies): Name: Novellus Systems, Inc. Dave Marquardt Sooyun Joh Internal Address: **David Cohen** Edward J. McInerney Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Merger Street Address: 4000 N. First Street **Security Agreement** Change of Name Other City: San Jose State: CA Zip: 95134 Execution Date: 09/17/2003; 09/19/2003 Additional name(s) & address(es) attached? Yes X No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: September 17 & 19, 2003 Patent Application No.(s) B. Patent No.(s) Additional numbers attached? No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: David K. Benson 7. Total fee (37 CFR 3.41). \$ 40.00 Ingrassia Fisher & Lorenz, P.C. Enclosed Internal Address: Authorized to be charged to deposit account Street Address:7150 E. Camelback Rd., Ste. 325 8. Deposit account number: 50-2091 City: Scottsdale State: AZ Zip: 85251 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature.

Mail documents to be recorded with required cover sheet information to:

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy

Total number of pages including cover sheet, attachments, and documents: 5

Is a true copy of the original document.

David K. Benson, Reg. No. 42,314

Name of Person Signing

CONSTRU

Signature

PATENT REEL: 014550 FRAME: 0006

September 25, 2003

Date

United States Utility Patent Application Attorney Docket No.: 004.0124 First Named Inventor: Dave Marquardt

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

UNIFORM FLUID DISTRIBUTION AND EXHAUST SYSTEM FOR A CHEMICAL-MECHANICAL PLANARIZATION DEVICE

for whi	ich application for Letters Patent of the United States:			
[X]	has been executed on even date herewith;			
[]	executed on;			
[]	was filed on and assigned U.S. Application Serial No;			
AND WHEREAS, Novellus Systems, Inc., a [X] corporation; [] partnership; individual [] having a place of business at 4000 N. First Street, San Jose, CA 95134 (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;				
	AND WITTENANCE HE I II			

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute

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PATENT REEL: 014550 FRAME: 0007 any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

ASSIGNOR AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNOR:

Dun M	Date: 09/19/2003
Inventor's Signature	
DAVE MARQUARDT Inventor's Printed Name	-
STATE OF ARIZONA)	
COUNTY OF Maricopa)	
above named Dave Marquardt, who satisfactory evidence to be the same is	ber, <u>>003</u> , before me personally came the is personally known by me or proved to me on the basis of individual who executed the foregoing assignment, and who ecuted the same of his/her own free will for the use and
SAC SAME PRODUCUDA COUNTY	NOTARY PUBLIC My Commission Expires: 02/15/06

IF&L Form – Assignment	
Atoulan Ash	Date: $9-17-03$
Inventor's Signature	Date
SOOYUN JOH Inventor's Printed Name	
STATE OF <u>CALIFORNIA</u>)	
COUNTY OF <u>SANTA CLARA</u>)	
On this day of September came the above named Sooyun Joh, who is personally known of satisfactory evidence to be the same individual who who acknowledged to me that he/she executed the same purposes therein set forth.	executed the foregoing assignment, and
CELIA BUCHINSKI Commission # 1397009 Notary Public - California Santa Clara County My Comm. Expires Jan 28, 2007	Celia Buchinski NOTARY PUBLIC My Commission Expires 1/28/07
Inventor's Signature DAVID COHEN	Date:
Inventor's Printed Name	
STATE OF <u>CALIFORNIA</u>) COUNTY OF <u>SANTA CLARA</u>)	
On this day of September came the above named David Cohen, who is personall	

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basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Celia Buchinski NOTARY PUBLIC

My Commission Expires 1/28/07

Celia Buchendi

Inventor's Signature

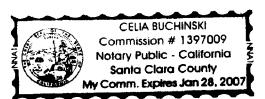
Date: 9/17/03

EDWARD J. McINERNEY

Inventor's Printed Name

STATE OF CALIFORNIA)

COUNTY OF SANTA CLARA)



RECORDED: 09/25/2003

Celia Buchinski NOTARY PUBLIC

My Commission Expires 1/28/07

Celin Buchiner

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