

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Fergal O'MOORE	09/10/2007
RECEIVING PARTY DATA	
Name:	NOVELLUS SYSTEMS, INC.
Street Address:	4000 N. First Street
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11858789
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ATTORNEY DOCKET NUMBER:	004.0214 (NVLS3179)
NAME OF SUBMITTER:	Deborah K. Henscheid
Total Attachments: 2	
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PATENT
REEL: 019858 FRAME: 0373

United States Utility Patent Application
Attorney Docket No.: 004.0214 (NVLS 3179)
First Named Inventor: Fergal O'MOORE

ASSIGNMENT

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

CHEMICAL MECHANICAL POLISHING ASSEMBLY WITH ALTERED POLISHING PAD TOPOGRAPHICAL COMPONENTS

for which application for Letters Patent of the United States:

- ☒ has been executed on even date herewith;
☐ executed on _____;
☒ was filed on 09/20/2007 and assigned U.S. Application Serial No. 11/858,789 ;

AND WHEREAS, Novellus Systems, Inc., a corporation, 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 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 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,

for Letters Patent of the United States:
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on even date herewith.

and assigned U.S. Application

Novellus Systems, Inc., a corporation

PATENT

REEL: 019858 FRAME: 0374

AND ASSIGNOR authorizes ASSIGNEE, its successors, assigns, and legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained;

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:

Fergal O'Moore
Inventor's Signature

Date: 9/10/07

Fergal O'Moore
Inventor's Printed Name

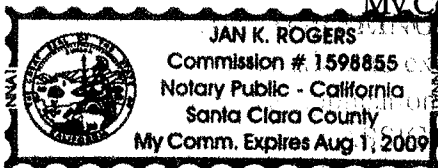
STATE OF CALIFORNIA)

COUNTY OF SANTA CLARA)

On this 10th day of SEPTEMBER, 2007, before me personally came the above named FERGAL O'MOORE who ~~is personally known by me or~~ proved to me on the 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.

NOTARY PUBLIC

My Commission Expires: 8-01-09



Date(s) written below by ASSIGNOR: