"TORNEY DOCKET NO: M-15030US

10-29-2002 U.S. DEPARTMENT OF COMMERCE EET PATENT AND TRADEMARK@FFI 102261796 AND THADEMARK OFFICE. PLEASE RECORD THE ATTACHE TO THE HONORABLE DIRECTOR ORIGINAL DOCUMENTS OR COPY THEREOF. 1. Name of conveying parties: 2. Name and address of receiving party: Name: Novellus Systems, Inc. Street Address: 4000 North First Street Additional name(s) of conveying party(ies) attached? City: South San Jose State: California 95134 Country: U.S.A. No. Yes Additional name(s) of receiving party(ies) attached? No 3. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: August 5, 2002 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: August 5, 2002 Patent Application No.(s) -B. Patent No.(s) Process Scheme For Improving Electroplating Performance In Integrated Circuit Manufacture M Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: One concerning document should be mailed: Name: Tom Chen Internal Address: MACPHERSON, KWOK CHEN & HEID LLP Street Address: 2402 Michelson Drive, Suite 210 7. Total fee (37 CFR 3.41): \$40.00 City <u>Irvine</u> State CA 92612 Authorized to be charged to Deposit Account 50-2257. Charge Deposit Account 50-2257 for any additional fees required for this conveyance and credit deposit account 50-2257 any amounts overpaid DO NOT USE THIS SPACE 8. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original Tom Chen 42,406 August 8, 2002 Signature Name of Person Signing Total number of pages comprising cover sheet: Three 00000112 502257

8/13/2002 DBYRNE

FC:581

40.00 CH

PATENT

REEL: 013204 FRAME: 0909

Attorney Docket No.: M-15030US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, John S. Drewery of 1814 Fremont Drive, Alameda, California 94501 hereby sell, assign and transfer to Novellus Systems, Inc. a California corporation, having a place of business at 4000 North First Street, San Jose, California 95134, its successors and assigns, the entire right, title and interest throughout the world in our invention in

PROCESS SCHEME FOR IMPROVING ELECTROPLATING PERFORMANCE IN INTEGRATED CIRCUIT MANUFACTURE

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 5th day of August, 2002.

John S. Drewery

State of Calitorn

County of Clara

on August 1 2002, before me, Roland Tso personally appeared John Drewery personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

ROLAND TSO
Commission # 1236984
Notary Public - Calliomia
Santa Clara County
My Comm. Expires Oct 8, 2003

RECORDED: 08/08/2002

Signature of NOTARY

WITNESS my hand and official spal

PATENT REEL: 013204 FRAME: 0910