09-19-2007



U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RE 103446036 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) 1) Algirdas Vaskelis; Name: Lam Research Corporation 2) Aldona Jagminiene; 3) Ina Stankeviciene: Internal Address: 4) Eugenijus Norkus. Additional name(s) of conveying party(ies) attached? ___ Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 4650 Cushing Parkway Execution Date(s) 12/01/2007 Merger ✓ Assignment City: Fremont Change of Name Security Agreement State: California Government Interest Assignment Country: U.S.A. Zip: 94538 Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? ☐ Yes ✓ No Other 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) 11/644,697 Additional numbers attached? Yes ✓ No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: Name: Carr & Ferrell LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Internal Address: Patent Department ✓ Authorized to be charged to deposit account ✓ Enclosed Street Address: 2200 Geng Road None required (government interest not affecting title) 8. Payment Information City: Palo Alto a. Credit Card Last 4 Numbers ___ Zip: 94303 Expiration Date ___ State: CA__ b. Deposit Account Number 06-0600 gg Phone Number: (650) 812-3400 Fax Number: (650) 812-3444 Authorized User Name Robert D. Hagen Email Address:_ September 13 2007 9. Signature: Signature Total number of pages including country \$\frac{1}{2} 5 Robert D. Hayden, Reg. No. 42.645 sheet, attachments, and documents Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PA4003US

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we,

the undersigned, Algirdas Vaskelis, Aldona Jagminiene, Ina Stankeviciene, and

Eugenijus Norkus, do hereby sell, assign, and transfer to Lam Research Corporation, a

corporation with offices at 4650 Cushing Parkway, Fremont, CA 94538 ("Assignee"),

and its successors, assigns, and legal representatives, the entire right, title and interest

for the United States and all foreign countries, in and to any and all improvements

which are disclosed in United States patent application 11/644,697 filed December 22,

2006 and entitled:

"Electroless Deposition of Cobalt Alloys"

and in and to said application and all utility, divisional, continuing, substitute, renewal,

reissue, and all other patent applications which have been or shall be filed in the United

States and all foreign countries on any of said improvements; and in and to all original

and reissued patents which have been or shall be issued in the United States and all

foreign countries on said improvements; and in and to all rights of priority resulting

from the filing of said United States patent application; and

Agree that said Assignee may apply for and receive patents for said improvements in

its own name; and that, when requested, without charge to, but at the expense of, said

Assignee, its successors, assigns and legal representatives, to carry out in good faith the

intent and purpose of this Assignment, the undersigned will execute all divisional,

continuing, substitute, renewal, reissue, and all other patent applications on any and all

said improvements; execute all rightful oaths, assignments, powers of attorney and

other papers; communicate to said Assignee, its successors, assigns, and

representatives, all facts known to the undersigned relating to said improvements and

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PATENT REEL: 019861 FRAME: 0075 the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Date:	121	101		2007	/

Name:

Algirdas Vaskelis

Date: 12/01/2007

Name:

Aldona Jagminiene

Date: 12/01/2007

Name: _

Ina Stankeviciene

Date: 12 /01 / 2007

RECORDED: 09/18/2007

Name:

Eugenijus Norkus