

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARTUR KOLICS	10/07/2008
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Property Type	Number
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NAME OF SUBMITTER:	JESSICA THOMPSON
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Date:	10/04/2013
Total Attachments: 2 source=XCR-023_ASSIGNMENT_EXECUTED#page1.tif source=XCR-023_ASSIGNMENT_EXECUTED#page2.tif	

OP \$40.00 14046555

## ASSIGNMENT OF PATENT APPLICATION

Whereas I the undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

### CLEANING SOLUTION FORMULATIONS FOR SUBSTRATES


     (Docket: **XCR-023**) for which I have executed an application for a United States Letters Patent.

  X   (Docket: **XCR-023**) for which an application for a United States Patent, Serial Number **12205894**, was filed on **09/07/2008**.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:

- 1) Sell, assign and transfer to **Lam Research Corporation**, a Delaware corporation having a place of business at 4650 Cushing Parkway, Fremont, CA 94538 (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application based upon, and Patent (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE'S expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this agreement.

Signed on the date indicated beside my signature.

1. Signature:  Date: 10.07.08  
Typed Name: Artur KOLICS