

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ARTHUR M. HOWALD</td> <td>01/09/2014</td> </tr> <tr> <td>JOHN C. VALCORE JR.</td> <td>01/25/2014</td> </tr> </tbody> </table>		Name	Execution Date	ARTHUR M. HOWALD	01/09/2014	JOHN C. VALCORE JR.	01/25/2014
Name	Execution Date						
ARTHUR M. HOWALD	01/09/2014						
JOHN C. VALCORE JR.	01/25/2014						
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Postal Code:	94538						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14152791</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14152791		
Property Type	Number						
Application Number:	14152791						
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NAME OF SUBMITTER:	NISHITKUMAR V. PATEL						
Signature:	/Nishitkumar V. Patel/						
Date:	01/27/2014						
Total Attachments: 2 source=LAM2P773_Efiled_Assigns#page1.tif source=LAM2P773_Efiled_Assigns#page2.tif							

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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


CABLE POWER LOSS DETERMINATION FOR VIRTUAL METROLOGY

(Atty. Docket No. LAM2P773/3205-1US) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors 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 U.S. (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (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(s), continuation(s), substitutes(s) or reissue(s) 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(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

- 1) Signature:  Date: 1/9/2014
Typed Name: Arthur M. Howald
- 2) Signature: _____ Date: _____
Typed Name: John C. Valcore, Jr.

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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CABLE POWER LOSS DETERMINATION FOR VIRTUAL METROLOGY

(Atty. Docket No. LAM2P773/3205-1US) for which we have executed Application No. 14/152,791, filed on January 10, 2014 for a United States Letters Patent.

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Signed on the dates indicated beside our signatures.

1)	Signature: _____ Typed Name: Arthur M. Howald	Date: _____
2)	Signature: _____ Typed Name: John C. Valcore, Jr.	Date: 1/25/14

Attorney Docket No. LAM2P773/3205-1US