PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3250269

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN DETTERBECK	02/25/2015
THOMAS PASSEGGER	01/29/2015
BHASKAR BANDARAPU	01/29/2015
RICHARD FINDENIG	02/25/2015

RECEIVING PARTY DATA

Name:	LAM RESEARCH AG				
Street Address:	SEZ STRASSE 1				
City:	/ILLACH				
State/Country:	AUSTRIA				
Postal Code:	A-9500				

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14625353	

CORRESPONDENCE DATA

Fax Number: (703)685-0573

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7035212297

Email: Idonofrio@young-thompson.com

Correspondent Name: YOUNG & THOMPSON Address Line 1: 209 MADISON STREET

Address Line 2: SUITE 500

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	4303-1116	
NAME OF SUBMITTER:	ANDREW J. PATCH	
SIGNATURE:	: /Andrew J. Patch/	
DATE SIGNED:	03/04/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

PATENT REEL: 035082 FRAME: 0180

PATENT REEL: 035082 FRAME: 0181

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, Lam Research AG, an Austrian corporation whose address is SEZ Strasse 1, A-9500 Villach, Austria, hereinafter referred to as "assignee", is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby:

- sell, assign and transfer to the above named assignee, its successors and assigns, 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, including the right to bring or maintain an action and to recover damages for past, present or future infringement of such Patent, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.
- 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 with any future decision of assignee as to filing and/or not filing in certain countries as well as with any future decision of assignee regarding prosecution and/or abandonment of patents and patent application.
- 4) agree to execute all papers and documents and, entirely at 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.
- 5) agree that the terms, covenants and conditions of this assignment shall inure to the benefit of assignee, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 6) warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this agreement.

As a below named inventor, I hereby declare that:

This assignment and declaration is directed to:	\boxtimes	The attached application, or	
decidration is directed to:		United States Application or PCT International Application Number	
The application is entitled:	SLI	T NOZZLE	
The above-identified application w	as m	ade or was authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I hereby acknowledge that any willful false statement made in this assignment with declaration is punishab under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.			

Given Name(s) Stefan	Family Name/Sumame	DETTERRECK
Inventor's (4 412	3 (1991) (1991) (1991) (1991)	25 February 2015
signature 3/7	Family	Date 201 Cordary 2010
Given Name(s) Thomas	Name/Surname	PASSEGGER
signature	·····	Date PATENT

REEL: 035082 FRAME: 0182

Given Name(s) Bhaskar	Family Name/Surname BAN	DARAPU
Inventor's signature	Date	
Given Name(s) Richard	Family Name/Surname FIND)ENIG
Inventor's signature	Date 25.	TEB 2015
*		

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Concentration is an outed to.		United States Application or PCT International Application Numberfiled on (Confirmation No).		
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The above-identified application w	/as m	ade or was authorized to be made by me.		
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	Family	
Given Name(s) Stefan	Name/Surname	DETTERBECK
Inventor's		
signature	Da	ite
	Family	
Given Name(s) Thomas	Name/Surname	PASSEGGER
Inventor's		
signature - January 7/	Da	ite 19.01.2015
		DATENT

PATENT

REEL: 035082 FRAME: 0184

Given Name(s)		Family Name/Surname	BANDARAPU
Inventor's signature		Dat	. •
	Richard	Family	FINDENIG
signature		Dat	re

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		Family	
Given Name(s)	Stefan	Name/Surname	DETTERBECK
inventor's			
signature			Date
		Family	
Given Name(s)		Name/Surname	PASSEGGER
Inventor's			****
signature			Date
			DATENT

PATENT

REEL: 035082 FRAME: 0186

Given Name(s)	Bhaskar	Family Name/Surname	BANDARAPU
Inventor's signature	Bor		te 29-01-2015
Given Name(s)	Richard	Family	FINDENIG
Inventor's signature		Da	e