

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3152610

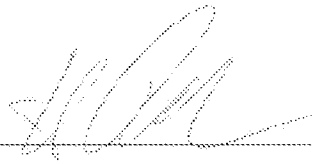
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hartmut Rudmann	06/28/2013
Stephan Heimgartner	06/28/2013
John A. Vidallon	07/04/2013
RECEIVING PARTY DATA	
Name:	Heptagon Micro Optics Pte. Ltd.
Street Address:	26 Woodlands Loop
Internal Address:	Singapore, Singapore 738317
City:	.
State/Country:	.
Postal Code:	.
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14408890
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Phone:	(212) 765-5070
Email:	APSI@fr.com
Correspondent Name:	SAMUEL BORODACH
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	31026-0015US1
NAME OF SUBMITTER:	THERESA KING
SIGNATURE:	/Theresa King/
DATE SIGNED:	12/17/2014
Total Attachments: 3	
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ASSIGNMENT

For valuable consideration, we, HARTMUT RUDMANN of Jona, Switzerland; STEPHAN HEIMGARTNER of Aarau Rohr, Switzerland; and JOHN A. VIDALLON of Singapore, Singapore, hereby assign to Heptagon Micro Optics Pte. Ltd., a Singapore corporation having a place of business at:

26 Woodlands Loop
Singapore, SG 738317,

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a PCT patent application entitled USE OF VACUUM CHUCKS TO HOLD A WAFER OR WAFER SUB-STACK, filed on 6/28/2013, and assigned PCT Serial Number PCT/SG2013/000269, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known, this assignment including said application and any counterpart applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under all treaties; and we hereby confirm our authorization of the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.



Hartmut Rudmann

Witnessed by: John A. Vidallon

Dated: 28 June 2013



Stephan Helmgartner

Witnessed by: John A. Vidallon

Dated: 28 June 2013

John A. Vidallon

Witnessed by: _____

Dated: _____

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Hartmut Rudmann

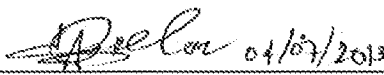
Witnessed by: _____

Dated: _____

Stephan Heimgartner

Witnessed by: _____

Dated: _____



John A. Vidallon

Witnessed by: Emmanuel Mercier Emmanuel Mercier

Dated: 04/07/13

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Assignment—Page 2 of 2