506017132 04/16/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6063845

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QICHUAN YU	08/24/2017
HAN NEE NG	08/24/2017
TOBIAS SENN	08/24/2017
JOHN A. VIDALLON	08/24/2017
RAMON OPEDA	08/24/2017
ATTILIO FERRARI	05/19/2017
HARTMUT RUDMANN	04/24/2018
MARTIN SCHUBERT	05/16/2017

RECEIVING PARTY DATA

Name:	HEPTAGON MICRO OPTICS PTE. LTD.
Street Address:	26 WOODLANDS LOOP
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	738317

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16611338

CORRESPONDENCE DATA

Fax Number:

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: 414.271.6560

Email: nshimakawaurena@michaelbest.com
Correspondent Name: MICHAEL BEST & FRIEDRICH LLP

Address Line 1: 100 E WISCONSIN AVENUE

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ATTORNEY DOCKET NUMBER:	214988-0015-US01
NAME OF SUBMITTER:	BRIAN W. JACOBS
SIGNATURE:	/brian w. jacobs/

PATENT 506017132 REEL: 052412 FRAME: 0022

DATE SIGNED:	04/16/2020		
Total Attachments: 12	Total Attachments: 12		
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we. QICHUAN YU, HAN NEE NG, TOBIAS SENN, JOHN A. VIDALLON, RAMON OPEDA, ATTILIO FERRARI, HARTMUT RUDMANN and MARTIN SCHUBERT, each individually assign to HEPTAGON MICRO OPTICS PTE. LTD., a corporation formed under the laws of Singapore and having a principal place of business at 26 Woodlands Loop. Singapore. Singapore 738317, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "METHOD FOR CONDITIONING A REPLICATION TOOL AND RELATED METHOD FOR MANUFACTURING A MULTITUDE OF DEVICES," and was filed in the United States Patent and Trademark Office on May 9, 2017, as application 62/503,464 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

Assignment Page 1 of 3

PATENT

REEL: 052412 FRAME: 0024

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

	Date:	29 /05/2017
Qichuan Yu	, , , , , , , , , , , , , , , , , , ,	
Witnessed by: Dated: 24/8/23/	··	
-Jank.	Date:	F106-8-4C
Han Nee/Ng		
Witnessed by: NAMON OPEVA Jr		
Dated: MAV6 2017		
Tobias Senn Witnessed by: No HAN NEE		24.08.2017
Dated: 24.8.2017		
<u> </u>	Date:	24.8.2017
John A. Vidallon		
Witnessed by: NG HAN NET Journ	レ ニ	
Dated: 24.8.2017		

Assignment Page 2 of 3

Ramon Opeda Jr.	Date: 24 /106017 2017
Witnessed by: John VIDALLON	···
Dated: 24.8-2017	~
	Date:
Attilio Ferrari	
Witnessed by:	~
Dated:	
	Date:
Hartmut Rudmann	Date.
Witnessed by:	
Dated:	~
	Date:
Martin Schubert	
Witnessed by:	
Dated:	
	-
The Assignee hereby acknowledges and acce	pts the foregoing assignment.
Assignce: HEPTAGON MICRO OPTICS	PTE. LTD.
Signature:	Date:
Name:	
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Assignment Page 3 of 3

PATENT

REEL: 052412 FRAME: 0026

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, QICHUAN YU, HAN NEE NG, TOBIAS SENN, JOHN A. VIDALLON, RAMON OPEDA, ATTILIO FERRARI, HARTMUT RUDMANN and MARTIN SCHUBERT, each individually assign to HEPTAGON MICRO OPTICS PTE. LTD., a corporation formed under the laws of Singapore and having a principal place of business at 26 Woodlands Loop. Singapore, Singapore 738317, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "METHOD FOR CONDITIONING A REPLICATION TOOL AND RELATED METHOD FOR MANUFACTURING A MULTITUDE OF DEVICES." and was filed in the United States Patent and Trademark Office on May 9, 2017, as application 62/503.464 (the "Application").

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Assignment Page 1 of 3

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	Date:	
Qichuan Yu		
Witnessed by:		
Dated:		
	Date:	
Han Nee Ng		
Witnessed by:		
Dated:		
	Date:	
Tobias Senn		
Witnessed by:		
Dated:		
	Date:	
John A. Vidallon	A CONTRACTOR OF THE CONTRACTOR	
Witnessed by:		
Dated:		

Assignment Page 2 of 3

	Date:	
Ramon Opeda		
Witnessed by:	·····	in the second
Dated:		
Attilio Ferrari	Date: <u>19.5.17</u>	
Witnessed by: John Silvan ac	<u></u>	
Dated: May 19 2017-		
Hartmut Rudmann	Date:	
Witnessed by:		ý.
Dated:		
Martin Schubert	Date: 16.5.17	
Witnessed by: fella Simon 67	asi:	
Dated: 16 12 2017		×
The Assignee hereby acknowledges and acco	epts the foregoing assignment.	
Assignee: HEPTAGON MICRO OPTICS	PTE. LTD.	
Signature:	Date:	
Name:		ega an erine enisingh animanna manana
Title:		
31000018.doc		

Assignment Page 3 of 3

ASSIGNMENT

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Assignment Page 1 of 3

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	Date:
Qichuan Yu	***************************************
Witnessed by:	and the state of t
Dated:	
	Date:
Han Nee Ng	
Witnessed by:	***************************************
Dated:	
	Date:
Tobias Senn	
Witnessed by:	
Dated:	
	Date:
John A. Vidallon	
Witnessed by:	· · · · · · · · · · · · · · · · · · ·
Dated:	

Assignment Page 2 of 3

	Date;	
Ramon Opeda		
Witnessed by:	-	
Dated:	··	
	Date:	
Attilio Ferrari		
Witnessed by:	T.	
Dated:	~	
AAL	Date: 2404/8	
Hartmut Rudmann		
Witnessed by: Jehra Simon a. Dated: April 27 2018		
Dated: April 27 2018	<u>.</u>	
,		
12. A. O.	Date:	
Martin Schubert		
Witnessed by:		
Dated:	-	
The Assignee hereby acknowledges and accep	ots the foregoing assignment.	
Assignee: HEPTAGON MICRO OPTICS PTE, LTD.		
Signature:	Date:	
Name:		
Title:		
31000018.doc		

Assignment Page 3 of 3

ASSIGNMENT

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	Date:
Qichuan Yu	
Witnessed by:	
Dated:	
Han Nee Ng	Date:
Witnessed by:	
Dated:	······································
Tobias Senn	Date:
Witnessed by:	
Dated:	
	Date:
John A. Vidallon	
Witnessed by:	
Dated:	

Assignment Page 2 of 3

	Date:
Ramon Opeda	
Witnessed by:	»-
Dated:	***
	Date:
Attilio Ferrari	
Witnessed by:	
Dated:	
	Date:
Hartmut Rudmann	
Witnessed by:	
Dated:	····
	Date:
Martin Schubert	
Witnessed by:	
Dated:	
The Assignee hereby acknowledges and accept	pts the foregoing assignment.
Assignee: HEPTAGON MICRO OPTICS I	PTE. LTD.
Signature:	Date: 22 x U6 2017
Name: LEONE LOW	Chan
Name: LEONE SOW Tille: SUP 5 Pea	es one
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Assignment Page 3 of 3

RECORDED: 04/16/2020

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