504155012 12/27/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROLF BREMENSDORFER	06/30/2016
PETE LEMBESIS	05/24/2016
JOSEPH CIBERE	05/30/2016
DAVE CAMM	05/23/2016

RECEIVING PARTY DATA

Name:	MATTSON THERMAL PRODUCTS GMBH
Street Address:	DAIMLERSTRASSE 10
City:	DORNSTADT
State/Country:	GERMANY
Postal Code:	89160

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15380139

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.

Email:docketing@dority-manning.comCorrespondent Name:DORITY & MANNING, P.A.Address Line 1:POST OFFICE BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602-1449

ATTORNEY DOCKET NUMBER:	AGX-232	
NAME OF SUBMITTER:	J. PARKS WORKMAN	
SIGNATURE:	/j. parks workman/	
DATE SIGNED:	12/27/2016	

Total Attachments: 4

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PATENT 504155012 REEL: 040774 FRAME: 0829

ATTORNEY DOCKET NUMBER: AGX-232-P

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, I, Dave Camm, a citizen of Canada, residing at 3775 West 14th Avenue, Vancouver, British Columbia, Canada, V6R 2W8, as assignor, have made an invention entitled

"NITROGEN INJECTION FOR LAMPS IN A MILLISECOND ANNEAL SYSTEM" as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 62/272,942, which was filed in the U.S. Patent and Trademark Office on December 30, 2015; and

WHEREAS, Mattson Thermal Products GmbH, Daimlerstrasse 10, 89160 Dornstadt, Germany, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all applications claiming priority to this application, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and all rights to sue and recover for past, present, and future infringement thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed, and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so,

execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignor has executed this document on the date indicated below.

Dave Camm

ATTORNEY DOCKET NUMBER: AGX-232-P

JOINT ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Rolf Bremensdorfer, a citizen of Germany, residing at Gartenstrasse 10a, 89346 Bibertal, Germany; Pete Lembesis, a citizen of the United States, residing at 5319234 Street, Langley, British Columbia, Canada V2Z 2P6; and Joseph Cibere, a citizen of Canada, residing at 4890 Ridgelawn Drive, Burnaby, British Columbia, Canada V5C 3Y2, as assignors, have made an invention entitled

"NITROGEN INJECTION FOR LAMPS IN A MILLISECOND ANNEAL SYSTEM" as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 62/272,942, which was filed in the U.S. Patent and Trademark Office on December 30, 2015; and

WHEREAS, Mattson Thermal Products GmbH, Daimlerstrasse 10, 89160 Dornstadt, Germany, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all applications claiming priority to this application, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and all rights to sue and recover for past, present, and future infringement thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

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IN WITNESS WHEREOF, Assignors have executed this document on the date indicated below.

REMONAT	30 - June - 2016
Rolf Bremensdorfer	Date
Alb Ci	25 MAY ZOIG
Pete Lembesis	Date
b4 ci	30 MAY 2016
Joseph Cibere	Date