

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2994466

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL HARRO LIESE	08/14/2014
WILFRIED VOLLMAR	08/14/2014
CASEY MICHAEL WORNATH	08/14/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GTAT CORPORATION
<b>Street Address:</b>	243 DANIEL WEBSTER HIGHWAY
<b>City:</b>	MERRIMACK
<b>State/Country:</b>	NEW HAMPSHIRE
<b>Postal Code:</b>	03054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14452724
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(603)886-4796
<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>	
<b>Phone:</b>	6038866100
<b>Email:</b>	patents@mcr-ip.com
<b>Correspondent Name:</b>	MAINE CERNOTA & RARDIN
<b>Address Line 1:</b>	547 AMHERST ST., 3RD FLOOR
<b>Address Line 4:</b>	NASHUA, NEW HAMPSHIRE 03063
<b>ATTORNEY DOCKET NUMBER:</b>	GT026-US
<b>NAME OF SUBMITTER:</b>	DOUGLAS P. BURUM
<b>SIGNATURE:</b>	/Douglas P. Burum, Reg. No. 65,019/
<b>DATE SIGNED:</b>	08/25/2014
<b>Total Attachments: 3</b>	
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source=GT026-US_Assignment#page3.tif	

## ASSIGNMENT

We, the undersigned individuals, have invented a **COLD FILAMENT IGNITION SYSTEM AND METHOD OF SILICON RODS**, (Atty Dkt. No. GT026) and having on the 14<sup>th</sup> day of August, 2014, executed declaration for patent as inventors, (and we hereby authorize attorneys and agents associated with USPTO Customer No. **24222** to here insert the filing date and serial number of said application when known, US Application Serial No. 141452724, filed on the 6<sup>th</sup> day of August, 2014; PCT Application Serial No. \_\_\_\_\_, filed on the \_\_\_\_\_ day of \_\_\_\_\_, 2014) describing the same and based thereon, for good and valuable consideration, receipt of which is hereby acknowledged from GTAT Corporation, 243 Daniel Webster Highway, Merrimack NH 03054, a Delaware entity, hereinafter called Assignee (which term shall include its successors and assigns) do hereby sell, assign and transfer unto Assignee our entire right, title, and interest as inventors, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or any part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application;

And for the same consideration we do also hereby sell, assign and transfer unto the Assignee all our rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and said applications and we do hereby authorize Assignee to apply in our names for patents and like rights of exclusion on or for said inventions in all countries, claiming (if Assignee so desires) the priority of the filing date of said application under provisions of said Convention or any such other treaty;

And for the same consideration we do hereby agree for ourselves and for our respective heirs, executors and administrators, promptly upon request of the Assignee, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by Assignee to fully to secure to it our said right, title, and interest as aforesaid in and to said inventions, application, and said several patents and like rights of exclusion, or any of them;

And we do hereby authorize and request the Commissioner of Patents of the United States of America and corresponding Officer of each country foreign thereto to issue to the Assignee any and all patents and like rights of exclusion which may be granted in any country upon said application or on or for said inventions;

And we do hereby covenant for ourselves and for our respective legal representatives and agree with Assignee that we have granted no right or license to make, use or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title and interest in and to said inventions as the inventor has not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

ASSIGNMENT SIGNATURE PAGE(S) ATTACHED

ASSIGNMENT SIGNATURE PAGE # \_\_\_\_\_ of \_\_\_\_\_  
(OFFICIANT: REPEAT THIS PAGE AS OFTEN AS NECESSARY TO OBTAIN ALL SIGNATURES)

TITLE: COLD FILAMENT IGNITION SYSTEM AND METHOD OF SILICON RODS

ATTY DKT. NO. \_\_\_\_\_ GT026 \_\_\_\_\_

IN WITNESS of these grants and covenants of Assignment, made by us in favor of

(Assignee) \_\_\_\_\_ GTAT Corporation \_\_\_\_\_

we hereonto set our hands and seals.

#1 \_\_\_\_\_  
Michael Harro Liese

14.08.2014  
\_\_\_\_\_  
Date Signed

#2 \_\_\_\_\_  
Wilfried Vollmar

14.08.2014  
\_\_\_\_\_  
Date Signed

#3 \_\_\_\_\_  
Casey Michael Wornath

\_\_\_\_\_  
Date Signed

State of \_\_\_\_\_ NRW \_\_\_\_\_

County of \_\_\_\_\_ GERMANY \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2014, ☐ Michael Harro Liese, ☐ Wilfried Vollmar, ☐ Casey Michael Wornath, personally appeared or provided satisfactory identification and acknowledged the foregoing instrument to be their free act and deed.

SEAL:

\_\_\_\_\_  
Notary Public/Justice of the Peace

ASSIGNMENT SIGNATURE PAGE # \_\_\_\_\_ of \_\_\_\_\_  
(OFFICIANT: REPEAT THIS PAGE AS OFTEN AS NECESSARY TO OBTAIN ALL SIGNATURES)

TITLE: **COLD FILAMENT IGNITION SYSTEM AND METHOD OF SILICON RODS**

ATTY DKT. NO. \_\_\_\_\_ GT026 \_\_\_\_\_

IN WITNESS of these grants and covenants of Assignment, made by us in favor of

(Assignee) \_\_\_\_\_ GTAT Corporation \_\_\_\_\_,

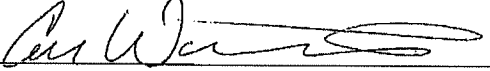
we hereonto set our hands and seals.

#1 \_\_\_\_\_  
Michael Harro Liese

\_\_\_\_\_  
Date Signed

#2 \_\_\_\_\_  
Wilfried Vollmar

\_\_\_\_\_  
Date Signed

#3  \_\_\_\_\_  
Casey Michael Wornath

14/8/2014  
\_\_\_\_\_  
Date Signed

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2014, ☐ Michael Harro Liese, ☐ Wilfried Vollmar, ☐ Casey Michael Wornath, personally appeared or provided satisfactory identification and acknowledged the foregoing instrument to be their free act and deed.

SEAL:

\_\_\_\_\_  
Notary Public/Justice of the Peace