12/12/2017 504682512

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRIS DIFRANCESCO	08/21/2017
SCOT PRITCHARD	08/22/2017
ERIC BAKER HOWELL	08/22/2017

RECEIVING PARTY DATA

Name:	CORMETECH, INC.	
Street Address: 5000 INTERNATIONAL DRIVE		
City:	DURHAM	
State/Country:	NORTH CAROLINA	
Postal Code:	27712	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15329952

CORRESPONDENCE DATA

Fax Number: (704)384-2903

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: 704.384.2658

Email: michelle.duvall@smithmoorelaw.com SMITH MOORE LEATHERWOOD LLP **Correspondent Name:**

Address Line 1: 101 NORTH TRYON STREET

Address Line 2: **SUITE 1300**

Address Line 4: CHARLOTTE, NORTH CAROLINA 28246

ATTORNEY DOCKET NUMBER:	5012920.013US2	
NAME OF SUBMITTER:	MICHELLE DUVALL	
SIGNATURE:	/michelle duvall/	
DATE SIGNED:	12/12/2017	

Total Attachments: 4

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PATENT REEL: 044363 FRAME: 0553 504682512

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PATENT REEL: 044363 FRAME: 0554

ASSIGNMENT

In accordance with my/our obligations under an Employment Agreement or (as applicable) arising out of other agreements, and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Chris DIFRANCESCO of 6 Powder Springs Place Durham, NC 27712

US

Scot PRITCHARD of 1710 Haddington Drive

Durham, NC 27712

US

Eric Baker HOWELL of 5111 Carolwood Lane

Durham, NC 27712

US

Jeremy Thomas FREEMAN of 2806 Snow Hill Road

Durham, NC 27712

US

hereby sell and assign to Cormetech, Inc., (hereinafter referred to as Assignee) having an address at 5000 International Drive, Durham, NC 27712, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

CATALYST MODULES AND APPLICATIONS THEREOF

	executed concur	rently herev	with,			
X	filed on January	27, 2017 h	aving Serial	Number	15/329,9)5 <u>2</u>

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

I/we, an inventor signing below, hereby authorize and request my attorneys associated with Customer Number 11806 to insert the application number and filing date, when known, into the assignment for this invention.

5012920.013US2

INVENTOR Signature:	Chris DIFRANCESCO	Date: August 21, 2017
INVENTOR 2 Signature:	Scot PRITCHARD	Date: August 22, 2017
INVENTOR 3 Signature: _	Eric Baker HOWELL	. Date:
INVENTOR 4 Signature: _	Jeremy Thomas FREEMAN	Date:

ASSIGNMENT

In accordance with my/our obligations under an Employment Agreement or (as applicable) arising out of other agreements, and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

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CATALYST MODULES AND APPLICATIONS THEREOF

	executed concurrently herewith,		
\boxtimes	filed on January 27, 2017 having Serial Number	15/329.9	252

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

I/we, an inventor signing below, hereby authorize and request my attorneys associated with Customer Number 11806 to insert the application number and filing date, when known, into the assignment for this invention.

5012920,013US2

HANTOKI	
Signature: Chris DIFRANCESCO	Date:
INVENTOR 2	
Signature: Scot PRITCHARD	Date:
Signature: Signature: Eric Baker HOWELL	Date: 8-22-2017
INVENTOR 4	
Signature: Jeremy Thomas FREEMAN	Date: