PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL G BLOMMEL	09/18/2014
MATTHEW VAN STRATEN	09/18/2014
WARREN LYMAN	09/18/2014
RANDY D CORTRIGHT	09/19/2014

RECEIVING PARTY DATA

Name:	VIRENT, INC.
Street Address:	3571 ANDERSON STREET
City:	MADISON
State/Country:	WISCONSIN
Postal Code:	53704

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14588743

CORRESPONDENCE DATA

Fax Number: (608)251-9166

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: 6082515000

Email: pat-dept@quarles.com

Correspondent Name: KEITH HEIDMANN / QUARLES & BRADY LLP

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Address Line 2: SUITE 900

Address Line 4: MADISON, WISCONSIN 53703

ATTORNEY DOCKET NUMBER:	129550.00279
NAME OF SUBMITTER:	APRIL TRICKEL
SIGNATURE:	/April Trickel/
DATE SIGNED:	08/18/2015

Total Attachments: 5

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PATENT 503440228 REEL: 036345 FRAME: 0769

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PATENT REEL: 036345 FRAME: 0770

ASSIGNMENT

WHEREAS, we, PAUL G. BLOMMEL of OREGON, WISCONSIN; LI YUAN of ARLINGTON HEIGHTS, ILLINOIS; MATT VAN STRATEN of MADISON, WISCONSIN; WARREN LYMAN of MADISON, WISCONSIN, and RANDY D. CORTRIGHT of MADISON, WISCONSIN have made certain inventions which are described in two applications for Letters Patent of the United States entitled DEHYDROGENATION OF ALKANOLS TO INCREASE YIELD OF AROMATICS, for U.S. Application No. 13/304,052 filed NOVEMBER 23, 2011, and U.S. Application No. 13/900,400 filed MAY 22, 2013.

WHEREAS, VIRENT, INC. (hereinafter referred to as said Company), a DELAWARE CORPORATION, having a place of business at, 3571 ANDERSON STREET, MADISON, WISCONSIN 53704, is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements,

NOW THEREFORE, for and in consideration of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign, and transfer unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof and for all foreign countries, in and to said inventions, the aforesaid applications, all prior, related United States provisional applications, and all other applications hereafter filed in the United States or any other country based in whole or in part on said inventions, and all Letters Patent granted upon said application by the United States or any other country, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Company. We further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries.

We hereby warrant that we have the full right to make the conveyance herein, and we hereby covenant that we, our heirs, legal representatives and assigns, will, when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign applications together with individual assignments therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, we have hereunto set our hand and seal on the dates indicated below our signatures.

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PATENT REEL: 036345 FRAME: 0771

Date: 18-Sqr) tember -2014	/ 6-1/17/1//SEALY,
WITNESSES:	•
STATE OF WISCORDSON) SS	
COUNTY OF DANK	
Before me on this <u>\8\\</u> day of <u>\Sephenter</u> me known to be the person named in the foregoing assig thereof to be his/her free act and deed.	, 2014, came <u>PAUL G. BLOMMEL</u> , to mment and he/she acknowledges his/her execution
(SEAL)	Notary Public, State of Siscens Sin
	My Commission: PERMENATA

Date: 9-18-14	<i>Ith</i> 1/ 34 (SEAU)
WITNESSES:	
STATE OF LOSCONSIN	
COUNTY OF DANK	28
Before me on this day of STRATEN, to me known to be the person his/her execution thereof to be his/her free	September , 2014, came <u>MATTHEW VAN</u> named in the foregoing assignment and he/she acknowledges act and deed.
(SEAL)	RO
	Notary Public, State of US CONSIN
	My Commission: PERMENANT

Date: 4/18/2014	Warn hy	L(SEAL)
WITNESSES:		
STATE OF <u>LISCONSON</u>) COUNTY OF <u>DANIE</u>	į.	
Before me on this If \(\) day of \(\) known to be the person named in the foregoi thereof to be his/her free act and deed.	2014, came W. ng assignment and he/she acknow	ARREN LYMAN, to me ledges his/her execution
(SEAL)	Notary Public, State of My Commission: Per a	USCONS/A) MENANT

Date: Sp 19, 2014 WITNESSES:	SEAL)
COUNTY OF DANK)	SS
thereof to be his/her free act and deed. (SEAL)	
	Notary Public, State of WIS 2015/10 My Commission: PERMINATION

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RECORDED: 08/18/2015