PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew B Bocarsly	01/31/2012
Amanda Morris	01/20/2012
Prasad Lakkaraju	01/20/2012

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF PRINCETON UNIVERSITY
Street Address:	Princeton University
Internal Address:	P.O. Box 36
City:	Princeton
State/Country:	NEW JERSEY
Postal Code:	08544-0036

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13340733

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	LL0013A
NAME OF SUBMITTER:	Daniel J. Honz

REEL: 027919 FRAME: 0208

PATENT

Total Attachments: 5

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Please return signed/Recorded to:

CUSTOMER No. 23531 Chad W. Swantz SUITER • SWANTZ PC LLO 14301 FNB Parkway, Suite 220 Omaha, NE 68154-5299

ASSIGNMENT OF U.S. PATENT APPLICATION (sole or joint inventor(s))

WHEREAS, the undersigned, to wit:

- 1) Andrew B. Bocarsly
- 2) Amanda Morris
- 3) Prasad Lakkaraju

(hereinafter Patent	collectively ASSIGNOR), have made application for United States Letters
(a)	which was executed and is being filed herewith in the United States Patent and Trademark Office
(b)	which was filed on and titled
(c) <u>X</u>	which was filed on December 30, 2011 and known as Appln. No.
	13/340,733, titled ADVANCED AROMATIC AMINE HETEROCYCLIC
	CATALYSTS FOR CARBON DIOXIDE REDUCTION

AND WHEREAS, THE TRUSTEES OF PRINCETON UNIVERSITY (hereinafter ASSIGNEE), organized and existing under the laws of New Jersey, and having its principal place of business at Princeton University, P.O. Box 36, Princeton, NJ, 08544-0036, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said

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invention, or patents resulting therefrom, insofar as ASSIGNOR's interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby grant(s) the firm of SUITER • SWANTZ PC LLO or its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

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Signed in the city of Processing, in the County of Newson, 2012,

State of Newson, this 31 day of Andrew B. Bocarsiy

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Signed in the city of Blacks burn, in the Country of Montgomusy, State of Virginia, this 20th day of January, 20/2.

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Signed in the city of East Brunswick, in the County of Middlesex, State of New Jersey, this 20 May of January, 20 12.

Pressad Lakkaraju

PATENT REEL: 027919 FRAME: 0214

RECORDED: 03/23/2012