

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4140946

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ASHWIN NARAYANAN	07/25/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NORTHWESTERN UNIVERSITY
<b>Street Address:</b>	633 CLARK STREET
<b>City:</b>	EVANSTON
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60208
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15252852
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)298-8097
<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>Email:</b>	ipadmin@reinhardtlaw.com
<b>Correspondent Name:</b>	RODNEY DEKRUIF
<b>Address Line 1:</b>	1000 NORTH WATER STREET
<b>Address Line 2:</b>	SUITE 1700
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202
<b>ATTORNEY DOCKET NUMBER:</b>	11677-CON
<b>NAME OF SUBMITTER:</b>	TRAVIS MCDONNELL
<b>SIGNATURE:</b>	/Travis McDonnell/
<b>DATE SIGNED:</b>	11/14/2016
<b>Total Attachments: 3</b>	
source=11677-CON Executed Narayanan Assignment#page1.tif	
source=11677-CON Executed Narayanan Assignment#page2.tif	
source=11677-CON Executed Narayanan Assignment#page3.tif	

ASSIGNMENT

U.S. Serial No: 13/526,215

Filing Date: June 18, 2012

Inventor: Ashwin Narayanan

Title of U.S. Patent Application: SUPRAMOLECULAR NETWORKS WITH ELECTRON TRANSFER IN TWO DIMENSIONS

Attorney Docket No. 11699

NU Reference No. 2011-081-02

U.S. Serial No: 13/476,974

Filing Date: May 21, 2012

Inventor: Ashwin Narayanan

Title of U.S. Patent Application: MODULAR SUPRAMOLECULAR APPROACH FOR CO-CRYSTALLIZATION OF DONORS AND ACCEPTORS INTO ORDERED NETWORKS

Attorney Docket No. RB11677

NU Reference No. 2011-028-02

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, the undersigned hereby assigns to Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the applications listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

The undersigned states that the applications listed above is or was made or authorized to be made by him or her. The undersigned believes himself or herself to be the original inventor of a claimed invention in the applications listed above. The undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

Attorney Docket No. RB11677  
NU Reference No. 2011-028-02  
Attorney Docket No. 11699  
NU Reference No. 2011-081-02

Upon the request of Assignee and at no expense to the undersigned, the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Undersigned (ASSIGNOR):

A. Narayanan 07/25/2016  
Inventor Name: Ashwin Narayanan DATE

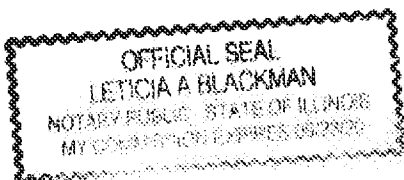
State of Illinois  
County of Cook ss.

On this 25 day of July, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Leticia A. Blackman  
NOTARY PUBLIC

{NOTARY SEAL}

My Commission Expires: 09/28/2020



(continued on next page)

U.S. Serial No: 13/526,215

Filing Date: June 18, 2012

Inventor: Ashwin Narayanan

Title of U.S. Patent Application: SUPRAMOLECULAR NETWORKS WITH ELECTRON  
TRANSFER IN TWO DIMENSIONS

Attorney Docket No. 11699

NU Reference No. 2011-081-02

U.S. Serial No: 13/476,974

Filing Date: May 21, 2012

Inventor: Ashwin Narayanan

Title of U.S. Patent Application: MODULAR SUPRAMOLECULAR APPROACH FOR CO-  
CRYSTALLIZATION OF DONORS AND ACCEPTORS INTO ORDERED NETWORKS

Attorney Docket No. RB11677

NU Reference No. 2011-028-02

ASSIGNEE ACCEPTANCE: Northwestern University:

On behalf of Northwestern University, Assignee, the authorized signatory below, hereby confirms  
Assignee's acceptance of all rights, privileges, titles and interests conveyed by this Assignment.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name

Beverly R. Milligan, Invention Specialist or  
Nicole A. Janovick, Ph.D., J.D., Invention Manager

Department: Innovation and New Ventures Office (INVO)