

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the name of Assignee to Institute of Bioengineering and Nanotechnology previously recorded on Reel 022333 Frame 0515. Assignor(s) hereby confirms the change of Assignee from Institute of Biotechnology and Nanotechnology to Institute of Bioengineering and Nanotechnology.												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jackie Y. Ying</td><td>11/25/2008</td></tr><tr><td>Yugen Zhang</td><td>11/25/2008</td></tr><tr><td>Dingyu Hu</td><td>02/04/2009</td></tr><tr><td>Pranab K. Patra</td><td>11/27/2008</td></tr></tbody></table>		Name	Execution Date	Jackie Y. Ying	11/25/2008	Yugen Zhang	11/25/2008	Dingyu Hu	02/04/2009	Pranab K. Patra	11/27/2008		
Name	Execution Date												
Jackie Y. Ying	11/25/2008												
Yugen Zhang	11/25/2008												
Dingyu Hu	02/04/2009												
Pranab K. Patra	11/27/2008												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Institute of Bioengineering and Nanotechnology</td></tr><tr><td>Street Address:</td><td>31 Biopolis Way</td></tr><tr><td>Internal Address:</td><td>#04-01</td></tr><tr><td>City:</td><td>Nanos</td></tr><tr><td>State/Country:</td><td>SINGAPORE</td></tr><tr><td>Postal Code:</td><td>138669</td></tr></table>		Name:	Institute of Bioengineering and Nanotechnology	Street Address:	31 Biopolis Way	Internal Address:	#04-01	City:	Nanos	State/Country:	SINGAPORE	Postal Code:	138669
Name:	Institute of Bioengineering and Nanotechnology												
Street Address:	31 Biopolis Way												
Internal Address:	#04-01												
City:	Nanos												
State/Country:	SINGAPORE												
Postal Code:	138669												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12295716</td></tr></tbody></table>		Property Type	Number	Application Number:	12295716								
Property Type	Number												
Application Number:	12295716												
CORRESPONDENCE DATA													
Fax Number: (415)576-0300 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 4155760200													
Email: tjrau@townsend.com													
Correspondent Name: Robert C. Burrows													
Address Line 1: Two Embarcadero Center													
Address Line 2: 8th Floor													
Address Line 4: San Francisco, CALIFORNIA 94111													

CH \$40.00 12295716

500808534

PATENT  
REEL: 022404 FRAME: 0075

ATTORNEY DOCKET NUMBER:	027554-000400US
NAME OF SUBMITTER:	Robert C. Burrows
<b>Total Attachments: 5</b> source=CoverSheet-Assignment#page1.tif source=CoverSheet-Assignment#page2.tif source=CoverSheet-Assignment#page3.tif source=CoverSheet-Assignment#page4.tif source=CoverSheet-Assignment#page5.tif	

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jackie Y. Ying</td><td>11/25/2008</td></tr><tr><td>Yugen Zhang</td><td>11/25/2008</td></tr><tr><td>Dingyu Hu</td><td>02/04/2009</td></tr><tr><td>Pranab K. Patra</td><td>11/27/2008</td></tr></tbody></table>	Name	Execution Date	Jackie Y. Ying	11/25/2008	Yugen Zhang	11/25/2008	Dingyu Hu	02/04/2009	Pranab K. Patra	11/27/2008			
Name	Execution Date												
Jackie Y. Ying	11/25/2008												
Yugen Zhang	11/25/2008												
Dingyu Hu	02/04/2009												
Pranab K. Patra	11/27/2008												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Institute of Biotechnology and Nanotechnology</td></tr><tr><td>Street Address:</td><td>31 Biopolis Way</td></tr><tr><td>Internal Address:</td><td>#04-01</td></tr><tr><td>City:</td><td>Nanos</td></tr><tr><td>State/Country:</td><td>SINGAPORE</td></tr><tr><td>Postal Code:</td><td>138669</td></tr></table>	Name:	Institute of Biotechnology and Nanotechnology	Street Address:	31 Biopolis Way	Internal Address:	#04-01	City:	Nanos	State/Country:	SINGAPORE	Postal Code:	138669	
Name:	Institute of Biotechnology and Nanotechnology												
Street Address:	31 Biopolis Way												
Internal Address:	#04-01												
City:	Nanos												
State/Country:	SINGAPORE												
Postal Code:	138669												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12295716</td></tr></tbody></table>	Property Type	Number	Application Number:	12295716									
Property Type	Number												
Application Number:	12295716												
CORRESPONDENCE DATA													
Fax Number: (415)576-0300													
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 4155760200													
Email: tjrau@townsend.com													
Correspondent Name: Robert C. Burrows													
Address Line 1: Two Embarcadero Center													
Address Line 2: 8th Floor													

PATENT

Address Line 4: San Francisco, CALIFORNIA 94111	
ATTORNEY DOCKET NUMBER:	027554-000400US
NAME OF SUBMITTER:	Robert C. Burrows
Signature:	/Robert C. Burrows/
Date:	03/02/2009
Total Attachments: 3 source=Assignment (2)#page1.tif source=Assignment (2)#page2.tif source=Assignment (2)#page3.tif	
<b>RECEIPT INFORMATION</b>  EPAS ID: PAT811833 Receipt Date: 03/02/2009 Fee Amount: \$40	

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Jackie Y. Ying of c/o Institute of Bioengineering and Nanotechnology,  
31 Biopolis Way, #04-01, Nanos, 138669 Singapore; Yugen Zhang of c/o Institute of Bioengineering and  
Nanotechnology,  
31 Biopolis Way, #04-01, Nanos, 138669 Singapore; Dingyu Hu of c/o Institute of Bioengineering and  
Nanotechnology,  
31 Biopolis Way, #04-01, Nanos, 138669 Singapore; and Pransh K. Patra of, hereinafter referred to as "Assignors,"  
are the inventors of the invention described and set forth in the below-identified application for United States Letters  
Patent;

Title of Invention: Polyimidazolium salts and poly-NHC-metal  
COMPLEXES

Date(s) of execution of Declaration:

Filing Date: October 1, 2008

Application No.: 12/295,716; and

WHEREAS, Institute of Bioengineering and Nanotechnology of 31 Biopolis Way, #04-01, Nanos,  
Singapore, 138669, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and  
application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors,  
Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the  
invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and  
in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and  
all countries throughout the world, and to claim the priority from the application as provided by the Paris  
Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and  
assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been  
made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division,  
renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a)  
cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and  
any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent  
applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain  
or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest  
title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 25/11/08


Jackie Y. Ying

Dated: 25/11/08

Yugen Zhang

Assignment  
Attorney Docket No.: 027554-000400US  
Page 2

Dated: Feb. 4, 2009

  
Dingyu Hu

Dated: \_\_\_\_\_

\_\_\_\_\_  
Pranab K. Patra


61683662 v1

Assignment  
Attorney Docket No.: 027554-000400US  
Page 2

Dated: \_\_\_\_\_

Dated: 27/11/08

\_\_\_\_\_  
Dingyu Hu

  
Pranab K. Patra

61683662 v1

Page 2 of 2