

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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	
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	
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
ATTORNEY DOCKET NUMBER:	027554-000400US
NAME OF SUBMITTER:	Robert C. Burrows

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REEL: 022333 FRAME: 0515

Total Attachments: 3

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PATENT

REEL: 022333 FRAME: 0516

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 Pranab 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

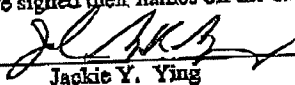
WHEREAS, Institute of Bioengineering and Nanotechnology of 31 Biopolis Way, #04-01, Nanos,
Singapore, 138669, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and
application and in any U.S. Letters Patent and Registrations which may be granted on the same;

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

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Dated: Feb. 4. 2009

Dyble
Dingyu Hu

Dated: _____

Pranab K. Patra

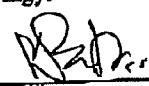
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Dated: _____

Dated: 27/11/08

Dingyu Hu



Pranab K. Patra

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