

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jackie Y. Ying	10/19/2009
Nandan Erathodiyil	10/19/2009
RECEIVING PARTY DATA	
Name:	Agency for Science, Technology and Research
Street Address:	c/o Institute of Bioengineering and Nanotechnology
Internal Address:	31 Biopolis Way, #04-01 Nanos
City:	Singapore
State/Country:	SINGAPORE
Postal Code:	138669
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12532820
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	027554-001100US / M4M
NAME OF SUBMITTER:	Megan McCoy

Total Attachments: 2
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**PATENT
 REEL: 023492 FRAME: 0442**

CH \$40.00 12532820

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE

- (1) Jackie Y Ying a US citizen of
c/o Institute of Bioengineering and Nanotechnology, 31 Biopolis Way, #04-01 Nanos,
Singapore 138669, Singapore

- (2) Nandanam Erathodiyil an Indian citizen of
c/o Institute of Bioengineering and Nanotechnology, 31 Biopolis Way, #04-01 Nanos,
Singapore 138669, Singapore

hereby sell, assign, transfer and convey unto Agency for Science, Technology and Research

incorporation details: a body corporate with perpetual succession and a common seal under the Singapore Agency for
Science, Technology and Research Act

having a place of business at 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632, Singapore

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for
the United States, in and to certain inventions relating to

Palladium catalysts

and described in an application for Letters Patent of the United States filed by us on 23 September 2009

and which has been accorded Application No. 12/532820

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United
States which may be granted, thereon, and all reissues and extensions thereof, and we hereby authorize and request the
Commissioner of Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the
Assignee or to such nominee as it may designate.


AND we authorize and empower the said Assignee or nominee to invoke and claim for any application for
patent or other form of protection for said inventions, the benefit of the right of priority provided by the International
Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be
substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any
assignment, consent to file or like document which may be required in the United States for any purpose and more
particularly in proof of the right of said Assignee or nominee to claim the aforesaid benefit of the right of priority
provided by the International Convention for the Protection of Industrial Property as amended, or by any convention
which may henceforth be substituted for it.

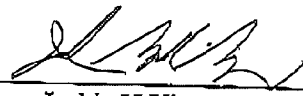
AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned
and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominee all facts known to
us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional,
continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts
necessary or proper to aid said Assignee or nominee in obtaining, maintaining and enforcing all lawful patent
protection for said inventions in the United States.

Dated: 19 10 2009
Day Month Year

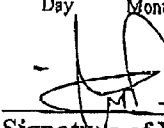


Signature of Witness
Name of witness: Diana Sain



Jackie Y Ying

Dated: 19 10 2009
Day Month Year



Signature of Witness
Name of witness: Diana Sain



Nandan Brathodiyil

S&F REF: 799176US

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