

## PATENT ASSIGNMENT

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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>Cassandra G. Freyschlag</td> <td>06/16/2011</td> </tr> <tr> <td>Cynthia Friend</td> <td>06/17/2011</td> </tr> <tr> <td>Robert J. Madix</td> <td>06/17/2011</td> </tr> <tr> <td>Bingjun Xu</td> <td>06/16/2011</td> </tr> <tr> <td>Ling Zhou</td> <td>05/06/2011</td> </tr> </tbody> </table>		Name	Execution Date	Cassandra G. Freyschlag	06/16/2011	Cynthia Friend	06/17/2011	Robert J. Madix	06/17/2011	Bingjun Xu	06/16/2011	Ling Zhou	05/06/2011
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Bingjun Xu	06/16/2011												
Ling Zhou	05/06/2011												
RECEIVING PARTY DATA													
Name:	President and Fellows of Harvard College												
Street Address:	17 Quincy Street												
City:	Cambridge												
State/Country:	MASSACHUSETTS												
Postal Code:	02138												
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>13575150</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13575150								
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Application Number:	13575150												
CORRESPONDENCE DATA													
Fax Number:	6174959568												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	3586												
NAME OF SUBMITTER:	Anne Craig												

OP \$40.00 13575150

**Total Attachments: 8**

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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned:

**Cassandra G. Freyschlag, Cynthia Friend, Robert J. Madix,  
Bingjun Xu, and Ling Zhou**

(each hereafter "Assignor") hereby assign, sell, and transfer to:

**President and Fellows of Harvard College  
17 Quincy Street, Cambridge, Massachusetts 02138**

(hereafter "Assignee") its successors and assigns, Assignor's entire right, title and interest throughout the world in and to any and all inventions for:

### **Silver-Catalyzed Synthesis of Amides from Amines and Aldehydes**

described in PCT Patent Application No. PCT/US11/22434, filed 01/25/2011; and in U.S. priority application(s) No. 61/336,673, filed 01/25/2010, and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application on any of the inventions filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee,



Patent Assignment  
HU Case 3586  
Appln. No(s): PCT/US11/22434

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Robert J. Madix**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Witness**

\_\_\_\_\_  
**Witness's Printed Name**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Bingjun Xu**

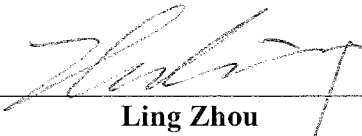
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May 6th, 2011  
Date

  
Ling Zhou

5-9-2011  
Date

  
Witness

RONNY W. LIN  
Witness's Printed Name

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Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee,

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its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors in the patent/application information provided above including but not limited to said application serial number(s) and filing date(s), prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

6/16/2011  
Date

Cassandra G. Freyschlag  
Cassandra G. Freyschlag

6/16/2011  
Date

Jeffrey Fosdick  
Witness

Jeffrey Fosdick  
Witness's Printed Name

June 17, 2011  
Date

Cynthia M Friend  
Cynthia Friend

6/17/2011  
Date

Jeffrey Fosdick  
Witness

Jeffrey Fosdick  
Witness's Printed Name



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Bingjun Xu

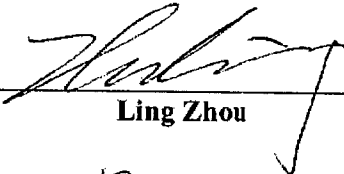
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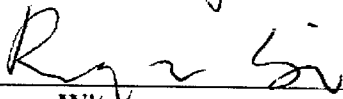
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