

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>Lixin TANG</td> <td>12/19/2012</td> </tr> <tr> <td>Yang YANG</td> <td>12/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Lixin TANG	12/19/2012	Yang YANG	12/19/2012
Name	Execution Date						
Lixin TANG	12/19/2012						
Yang YANG	12/19/2012						
RECEIVING PARTY DATA							
Name:	NORTHEASTERN UNIVERSITY						
Street Address:	No. 11, Lane 3, Wenhua Road, Heping District						
City:	Shenyang City, Liaoning Province						
State/Country:	CHINA						
Postal Code:	110819						
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>13993622</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13993622		
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Application Number:	13993622						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Joe McKinney Muncy						
Signature:	/Joe McKinney Muncy/						
Date:	06/13/2013						
Total Attachments: 1 source=2846-0908PUS1 Assignment#page1.tif							

OP \$40.00 13993622

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title: COIL SCHEDULING METHOD AND SYSTEM FOR ELETROGALVANIZING LINE IN STEEL INDUSTRY

the specification of which (check one):

- is executed on even date herewith.
- was filed on (day-month-year) _____ as U.S. Application Number _____
- was filed on (day-month-year) **April 27, 2012** as PCT Application Number **PCT/CN2012/074839**
- was executed on the following date(s) _____

WHEREAS, **Northeastern University**

having a postal address of **No.11, Lane 3, Wenhua Road, Heping District, Shenyang City, Liaoning Province, 110819, China**

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Full Name of First or Sole Inventor TANG, LIXIN	Post Office Address No.11, Lane 3, Wenhua Road, Heping District, Shenyang City, Liaoning Province, 110819, China
Citizenship Chinese	Residence (city, and either state or foreign country, MPEP §605.02) No.11, Lane 3, Wenhua Road, Heping District, Shenyang City, Liaoning Province, 110819, China
Date December 19, 2012	Signature <i>Lixin Tang 唐立新</i>

Full Name of Second Inventor YANG, YANG	Post Office Address No.11, Lane 3, Wenhua Road, Heping District, Shenyang City, Liaoning Province, 110819, China
Citizenship Chinese	Residence (city, and either state or foreign country, MPEP §605.02) No.11, Lane 3, Wenhua Road, Heping District, Shenyang City, Liaoning Province, 110819, China
Date December 19, 2012	Signature <i>Yang Yang 杨阳</i>

PATENT