

## 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>Xinguo WANG</td> <td>02/24/2011</td> </tr> <tr> <td>Qian ZHANG</td> <td>02/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Xinguo WANG	02/24/2011	Qian ZHANG	02/24/2011
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Xinguo WANG	02/24/2011						
Qian ZHANG	02/24/2011						
RECEIVING PARTY DATA							
Name:	The Hong Kong University of Science and Technology						
Street Address:	Clear Water Bay						
City:	Kowloon						
State/Country:	HONG KONG						
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>13034573</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13034573		
Property Type	Number						
Application Number:	13034573						
CORRESPONDENCE DATA							
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Total Attachments: 3 source=13034573#page1.tif source=13034573#page2.tif source=13034573#page3.tif							

CH \$40.00 13034573

PATENT

**PATENT**

Attorney Docket No. 707507  
Client Reference No. TTC.PA.0479

Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731

**ASSIGNMENT**

**WHEREAS, WE,**

Xinguo WANG  
Department of Computer  
Science and Technology  
University of Science and  
Technology of China  
Hefei, China, and

Qian ZHANG  
Tower 10, 3B  
The Hong Kong University of Science and  
Technology  
Clear Water Bay  
Kowloon  
Hong Kong

have invented and own a certain invention entitled:

**DELAY-CONSTRAINED AND ENERGY-EFFICIENT ONLINE ROUTING FOR  
ASYNCHRONOUS SENSOR NETWORKS**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on February 24, 2011, under U.S. Application No. 13/034,573, and

**WHEREAS, THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY**, Clear Water Bay, Kowloon, Hong Kong, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

**NOW, THEREFORE**, in consideration of the sum of one U.S. dollars (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**UPON SAID CONSIDERATION**, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other

In re Appln. of WANG et al.  
Attorney Docket No. 707507; TTC-PA-0479

international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or causes in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 2011-02-24 Xinguo WANG  
Xinguo WANG

Date 2011-02-24 Yanyang Mo  
Witness

Date 2011-02-24 Juzhong Xia  
Witness

Date \_\_\_\_\_ Qian ZHANG

Date \_\_\_\_\_  
Witness

Date \_\_\_\_\_  
Witness

In re Appln. of WANG et al.  
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Date \_\_\_\_\_

\_\_\_\_\_  
Xinguo WANG


Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date Feb. 24, 2011

  
\_\_\_\_\_  
Qian ZHANG

Date Feb. 24, 2011

Xiaojun Feng  
\_\_\_\_\_  
Witness

Date Feb. 24, 2011

Chen Dawei  
\_\_\_\_\_  
Witness