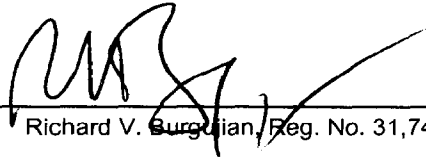


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| 1. Name of conveying party:<br>Yuan-Ying HSU<br>Jen-Shun YANG<br>Chien-Chao TSENG   |   | 2. Name and address of receiving party:<br>Name: Industrial Technology Research Institute                                |           |
| Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   | Internal Address:  |           |
| 3. Nature of conveyance:  |   | Street Address: Room 103, Bldg. 51<br>195 Chung Hsing Rd., Sec. 4 Chutung<br>Hsinchu, Taiwan 310, R.O.C.                 |           |
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| Execution Date: HSU September 29, 2007<br>YANG September 28, 2007<br>TSENG October 12, 2007   |   |  |           |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:                               |   |  |           |
| A. Patent Application Number(s):<br>11/882,224  |   | B. Patent Number(s):   |           |
| Additional numbers attached?  |   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |           |
| 5. Name and address of party to whom correspondence concerning document should be mailed:   |   | 6. Total number of applications and patents involved:<br>1   |           |
| Name: Richard V. Burgujian (202) 408-4000   |   | 7. Total fee (37 CFR 1.21(h) and 3.41): \$40   |           |
| Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  |   | <input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916) |           |
| Street Address: 901 New York Avenue, N.W.   |   | <input type="checkbox"/> Authorized to be charged to deposit account   |           |
| City: Washington, D.C.  |   |  |           |
| State: Zip: 20001-4413  |   | 8. Deposit Account No.: 06-0916  |           |
| 9. Statement and signature.<br>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. |   |  |           |
| Signed: <br>Richard V. Burgujian, Reg. No. 31,744  |   | October 25, 2007<br>Date   |           |
| Total number of pages including cover sheet, attachments and documents: 2   |   |  |           |

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PATENT  
REEL: 020046 FRAME: 0406

## ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

### METHODS AND SYSTEMS FOR A ROUTING PROTOCOL

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on July 31, 2007 (Application No. 11/882,224); and

WHEREAS, Industrial Technology Research Institute, a corporation of R.O.C. whose post office address is Room 103, Bldg. 51, 195, Chung Hsing Road., Sec. 4 Chutung, Hsinchu, Taiwan 310 R.O.C., (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

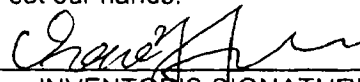
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional Application No. 60/838,892, filed August 21, 2006, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional applications, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

Yuan-Ying HSU  
FULL NAME OF FIRST INVENTOR

  
INVENTOR'S SIGNATURE

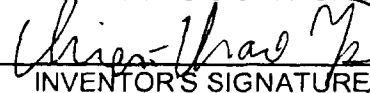
Sep. 29, 2007  
DATE

Jen-Shun YANG  
FULL NAME OF SECOND INVENTOR

  
INVENTOR'S SIGNATURE

Sep 28, 2007  
DATE

Chien-Chao TSENG  
FULL NAME OF THIRD INVENTOR

  
INVENTOR'S SIGNATURE

10/12/2007  
DATE