PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Saqib RAZA | 05/27/2011 |
| Chen-Nee CHUAH | 05/26/2011 |
| Guanyao HUANG | 06/15/2011 |

RECEIVING PARTY DATA

| Name: | The Regents of the Universtiy of California |
|-------------------|---|
| Street Address: | 1111 Franklin Street |
| Internal Address: | Twelfth Floor |
| City: | Oakland |
| State/Country: | CALIFORNIA |
| Postal Code: | 94607-5200 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13039531 |

CORRESPONDENCE DATA

Fax Number: (312)616-5700

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email:assignments@leydig.comCorrespondent Name:LEYDIG, VOIT & MAYER, LTD.Address Line 1:180 North Stetson AvenueAddress Line 2:Two Prudential Plaza, Suite 4900Address Line 4:Chicago, ILLINOIS 60601-6731

| ATTORNEY DOCKET NUMBER: | 812380 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | Erik R. Swanson |

Total Attachments: 4

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> PATENT REEL: 026595 FRAME: 0624

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Leydig Ref: 812380

ASSIGNMENT

U.C. Case No. 2010-293

and which is found in

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

- 1. Saqib Raza, a citizen of Pakistan, residing at 2229 Kemper Hall; UC Davis, One Shields Avenue, Davis, California 95616; UNITED STATES OF AMERICA;
- Chen-Nee Chuah, a citizen of Malaysia, residing at 3125 Kemper Hall; UC Davis, One Shields Avenue, California 95616; UNITED STATES OF AMERICA;
- 3. Guanyao Huang, a citizen of China, residing at 2229 Kemper Hall; UC Davis, One Shields Avenue, California 95616; UNITED STATES OF AMERICA;

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Title: A METHOD FOR ROUTING-ASSISTED TRAFFIC MONITORING

| (a) | U.S. provisional application filed herewith and listing the above named persons as inventor |
|-----|---|
| (b) | U.S. patent application filed herewith and listing the above named persons as inventors |
| c) | X U.S. application serial no. 13/039.531 filed on March 3, 2011 |
| d) | U.S. Patent No.: issued |

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

PATENT REEL: 026595 FRAME: 0625

Leydig Ref: 812380 ANO the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE. The Regents of the University of California.

| executed this | Signature of Inventor(s) | |
|--------------------|--------------------------|--|
| 27 day of MAY 2011 | Saqib Raza | |
| | Saqib Raza | |
| day of2013 | | |
| | Chen-Nee Chuah | |
| day.of, 2011 | | |
| | Guanyao Huang | |

PATENT REEL: 026595 FRAME: 0626

Leydig Ref: 812380

ASSIGNMENT

U.C. Case No. 2010-293

and which is found in

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

- Saqib Raza, a citizen of Pakistan, residing at 2229 Kemper Hall; UC Davis, One Shields Avenue, Davis, California 95616; UNITED STATES OF AMERICA;
- Chen-Nee Chuah, a citizen of Malaysia, residing at 3125 Kemper Hall; UC Davis, One Shields Avenue, California 95616; UNITED STATES OF AMERICA;
- Guanyao Huang, a citizen of China, residing at 2229 Kemper Hall; UC Davis, One Shields Avenue, California 95616; UNITED STATES OF AMERICA;

hereby sells, assigns and transfers to ASSIGNEE. The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Title: A METHOD FOR ROUTING-ASSISTED TRAFFIC MONITORING

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|-------|---|--|--------------------------------------|
| (a) | *************************************** | U.S. provisional application filed herewith and listing | the above named persons as inventors |
| (b) | Military 144 | U.S. patent application filed herewith and listing the a | above named persons as inventors |
| (c) | <u>x</u> | U.S. application serial no. 13/039,531 filed on March | 3, 2011 |
| (d) | | U.S. Patent No.: | issued |
| | | | |

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

PATENT REEL: 026595 FRAME: 0627

Leydig Ref: 812380

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

| executed this | Signature of Inventor(s) | |
|------------------------------------|-------------------------------------|--|
| day of2011 | Saqib Raza | |
| <u>26</u> day of <u>May</u> , 2011 | Charles | |
| 5 day of June 2011 | Chen-Nee Chuah Many Guanyaq Yiuang | |

PATENT REEL: 026595 FRAME: 0628

RECORDED: 07/15/2011