

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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>Seong-Hwan Kim</td> <td>04/24/2012</td> </tr> <tr> <td>Sundar Vedantham</td> <td>04/24/2012</td> </tr> <tr> <td>Pavan Kumar Venkata Maddipatla</td> <td>05/02/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Seong-Hwan Kim | 04/24/2012 | Sundar Vedantham | 04/24/2012 | Pavan Kumar Venkata Maddipatla | 05/02/2012 | | |
| Name | Execution Date | | | | | | | | | | |
| Seong-Hwan Kim | 04/24/2012 | | | | | | | | | | |
| Sundar Vedantham | 04/24/2012 | | | | | | | | | | |
| Pavan Kumar Venkata Maddipatla | 05/02/2012 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>LSI Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1621 Barber Lane</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table> | | Name: | LSI Corporation | Street Address: | 1621 Barber Lane | City: | Milpitas | State/Country: | CALIFORNIA | Postal Code: | 95035 |
| Name: | LSI Corporation | | | | | | | | | | |
| Street Address: | 1621 Barber Lane | | | | | | | | | | |
| City: | Milpitas | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | |
| Postal Code: | 95035 | | | | | | | | | | |
| 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>13463169</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13463169 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13463169 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (610)640-9353</p> <p>Phone: 610 640 9350</p> <p>Email: ipls@ip-legal-svcs.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: IP Legal Services</p> <p>Address Line 1: 1500 East Lancaster Avenue, Suite 100</p> <p>Address Line 2: P.O. Box 1027</p> <p>Address Line 4: Paoli, PENNSYLVANIA 19301</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | L11-0394US1 | | | | | | | | | | |
| NAME OF SUBMITTER: | Wendy Reczek | | | | | | | | | | |
| Total Attachments: 5 | | | | | | | | | | | |

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ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, **Seong-Hwan Kim, Sundar Vedantham, and Pavan Kumar Venkata Maddipatla**, hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 95035, United States of America, and its successors, assigns and legal representatives (collectively "Assignee"), the entire right, title and interest, for the United States and all foreign countries, in and to any and all inventions and improvements ("Inventions") related to **Efficient Application Recognition in Network Traffic**, as described in an application for Letters Patent of the United States of America filed on _____ and assigned Serial No. ____ / _____, or if not identified here by filing date and serial number, executed on even date with the execution of this Assignment Agreement, and in and to the application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues and extensions thereof.

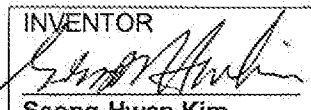
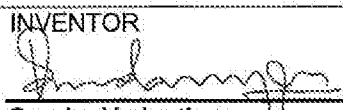
We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

We authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

We hereby consent that a copy of this Assignment Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

We authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

IN WITNESS WHEREOF, we have hereunto signed our name(s) on the day and year set forth below.

| | | |
|--|--|---|
| INVENTOR  Seong-Hwan Kim <u>4/24/2012</u> Date | INVENTOR  Sundar Vedantham <u>4/24/2012</u> Date | INVENTOR Pavan Kumar Venkata Maddipatla Date |
|--|--|---|

ACKNOWLEDGMENT

State of Pennsylvania

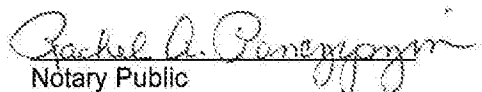
County of Lehigh

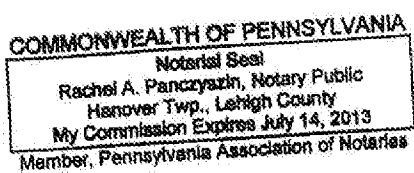
On this 24 day of April, 2012, before me personally appeared

Seong-Hwan Kim

known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

In witness hereof, I hereunto set my hand and official seal.

 (Seal)
Notary Public



Rev1: 10/06/2009

ACKNOWLEDGMENT

State of Pennsylvania

County of Lehigh

On this 24 day of April, 2012, before me personally appeared

Sundar Vedantham

known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

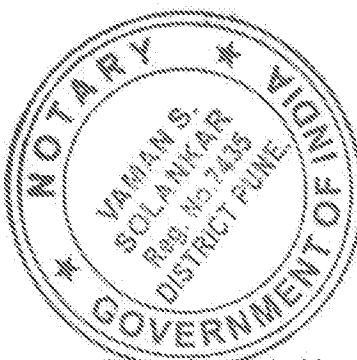
In witness hereof, I hereunto set my hand and official seal.

 (Seal)
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Rachel A. Panczyzsin, Notary Public
Hanover Twp., Lehigh County
My Commission Expires July 14, 2013
Member, Pennsylvania Association of Notaries

Rev1: 10/06/2009

PATENT
REEL: 028150 FRAME: 0450



US Application File No.: L11-0394US1
Rev: 10/05/2009

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, **Seong-Hwan Kim, Sundar Vedantham, and Pavan Kumar Venkata Maddipatla**, hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 95035, United States of America, and its successors, assigns and legal representatives (collectively "Assignee"), the entire right, title and interest, for the United States and all foreign countries, in and to any and all inventions and improvements ("Inventions") related to **Efficient Application Recognition in Network Traffic**, as described in an application for Letters Patent of the United States of America filed on _____ and assigned Serial No. ____ / _____, or if not identified here by filing date and serial number, executed on even date with the execution of this Assignment Agreement, and in and to the application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues and extensions thereof.

We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

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| | | |
|---|---|--|
| INVENTOR Seong-Hwan Kim Date | INVENTOR Sundar Vedantham Date | INVENTOR Pavan Kumar Venkata Maddipatla 02/MAY/2012 Date |
|---|---|--|

ACKNOWLEDGMENT

State of Maharashtra

County of India

On this 02nd day of May, 2012, before me personally appeared

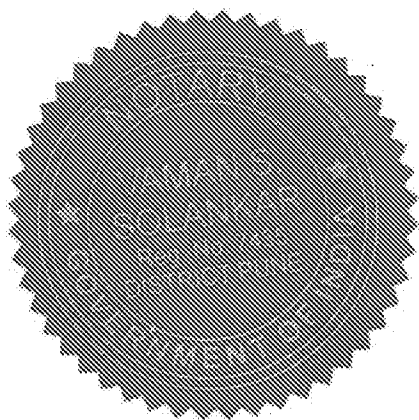
Pavankumar Venkat Maddipati

known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

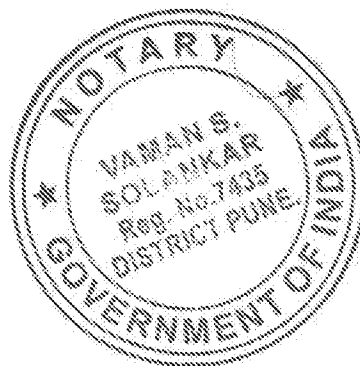
In witness hereof, I hereunto set my hand and official seal.


Notary Public

(Seal)



Noted & Registered
at Sr. No. 3878/2012



ATTESTED

VAMAN S. SOLANKAR
NOTARY
GOVT. OF INDIA
Reg No. 7435

2 MAY 2012

