

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Kiran M. Rege | 11/15/2011 |
| Thyaga Nandagopal | 11/15/2011 |
| RECEIVING PARTY DATA | |
| Name: | Alcatel-Lucent USA Inc. |
| Street Address: | 600-700 Mountain Avenue |
| City: | Murray Hill |
| State/Country: | NEW JERSEY |
| Postal Code: | 07974 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13296934 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)519-9802 |
| Phone: | 703-519-9801 |
| Email: | mail@krameramado.com |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Correspondent Name: | Kramer & Amado, P.C. |
| Address Line 1: | 1725 Duke Street, Suite 240 |
| Address Line 4: | Alexandria, VIRGINIA 22314 |
| ATTORNEY DOCKET NUMBER: | ALC 3775 |
| NAME OF SUBMITTER: | Wendy Pickrell |
| Total Attachments: 2 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif | |

OP \$40.00 13296934

A S S I G N M E N T

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, whose names and full post office addresses are set out below:

| <u>Name</u> | <u>Address</u> |
|-------------------|--|
| Kiran M. Rege | 1 Hull Court Marlboro, NJ 07746 USA |
| Thyaga Nandagopal | 10 Heritage Drive Edison, NJ 08820 USA |

do hereby sell, assign and transfer to **ALCATEL-LUCENT USA INC.**, hereinafter called the assignee, whose full post office address is 600-700 Mountain Avenue, Murray Hill, NJ 07974, and to the assignee's successors, assigns or other legal representatives, our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to our invention relating to

EFFICIENT PROPAGATION OF LINK STATE ADVERTISEMENTS IN DENSELY INTERCONNECTED OSPF NETWORKS

including subject matter which is fully set forth and described in my application for Letters Patent of the United States of America, for which a declaration has been signed on even date herewith;

together with our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to the aforementioned applications, and any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-in-part, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified applications under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as they would have been by us had this sale, assignment and transfer not been made;

We hereby covenant and agree to do all such things and to execute without further consideration such further assurances, applications and

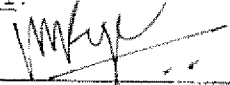
other instruments as may reasonably be required by the assignee to obtain Letters Patent in Canada, the United States of America and all other countries, for the invention, and vest the same in the Assignee;

In witness whereof, we have hereunto signed my name on the day and year set forth below.

Signature and Statement of Witness for Kiran M. Rege:

Signature of Kiran M. Rege

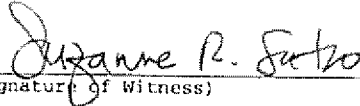
Signed at MURRAY HILL, NEW JERSEY this
15th day of NOVEMBER, 2011.



(Signature of Kiran M. Rege)

Statement of Witness

I, Suzanne R. Sabo, whose full post office address is 600-700 MOUNTAIN AVE MURRAY HILL, NJ 07974, state that I was personally present and did see Kiran M. Rege who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.



(Signature of Witness)

Signature and Statement of Witness for Thyaga Nandagopal:

Signature of Thyaga Nandagopal

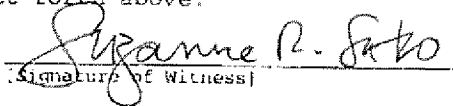
Signed at MURRAY HILL, NJ, this
15th day of NOVEMBER, 2011.



(Signature of Thyaga Nandagopal)

Statement of Witness

I, Suzanne R. Sabo, whose full post office address is 600-700 MOUNTAIN AVE, MURRAY HILL, NJ 07974, state that I was personally present and did see Thyaga Nandagopal who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.



(Signature of Witness)