

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Joseph Rorai | 06/16/2009 |
| Claude Parent | 06/16/2009 |
| RECEIVING PARTY DATA | |
| Name: | ALCATEL-LUCENT CANADA INC. |
| Street Address: | 600 March Road |
| City: | Ottawa |
| State/Country: | CANADA |
| Postal Code: | K2K 2E6 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12485623 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)519-9802 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 703-519-9801 |
| Email: | mail@krameramado.com |
| Correspondent Name: | Kramer & Amado, P.C. |
| Address Line 1: | 1725 Duke Street |
| Address Line 2: | Suite 240 |
| Address Line 4: | Alexandria, VIRGINIA 22314 |
| ATTORNEY DOCKET NUMBER: | ALC 3484 |
| NAME OF SUBMITTER: | Terry W. Kramer |
| Total Attachments: 3 source=ALC3484ASS#page1.tif source=ALC3484ASS#page2.tif | |

OP \$40.00 12485623

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**PATENT
 REEL: 022832 FRAME: 0815**

ASSIGNMENT

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> |
|---------------|---|
| Joseph Rorai | 47 Langford Crescent Kanata, Ontario K2K 2N5 CA |
| Claude Parent | 76 rue de l'Aviron Gatineau, QC J8Z 3H2 CA |

do hereby sell, assign and transfer to **Alcatel-Lucent Canada Inc.**, hereinafter called the assignee, whose full post office address is 600 March Road, Ottawa, Ontario, K2K 2E6, Canada,, 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

**MAINTAINING TIME-DIVISION MULTIPLEXING OVER PSEUDOWIRE
CONNECTIONS DURING NETWORK OUTAGES**

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-inpart, 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;

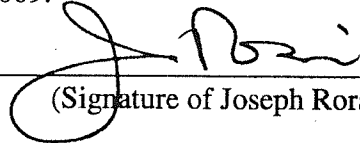
We hereby covenant and agree to do all such things and to execute consideration such without further consideration such further assurances, applications and other instruments as may reasonably be required by the assignee to obtain Letters Patent in Canada, the United States of America and all other countries, 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 Joseph Rorai:

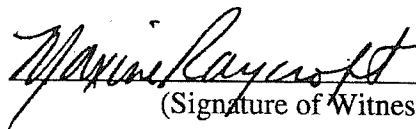
Signature of Joseph Rorai

Signed at Ottawa, this 16 day of June, 2009.


(Signature of Joseph Rorai)

Statement of Witness

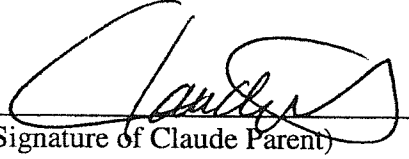
I, Maxine Raycroft, whose full post office address is 7 Scheel Drive, Arnprior, Ontario, K7S 3G8, Canada, state that I was personally present and did see **Joseph Rorai** who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above..


(Signature of Witness)

Signature and Statement of Witness for Claude Parent:


Signature of Claude Parent

Signed at Ottawa, this
16 day of June, 2009.


(Signature of Claude Parent)

Statement of Witness

I, Maxine Raycroft, whose full post office address is 7 Scheel Drive, Arnprior, Ontario, K7S 3G8, Canada, state that I was personally present and did see **Claude Parent** 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)