

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Florin Balus</td> <td>11/12/2007</td> </tr> <tr> <td>Kendall William Harvey</td> <td>11/12/2007</td> </tr> <tr> <td>Joe Regan</td> <td>11/12/2007</td> </tr> <tr> <td>Paul Kwok</td> <td>11/19/2007</td> </tr> </tbody> </table>		Name	Execution Date	Florin Balus	11/12/2007	Kendall William Harvey	11/12/2007	Joe Regan	11/12/2007	Paul Kwok	11/19/2007
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<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	ALCATEL LUCENT										
<b>Street Address:</b>	54, rue La Boetie										
<b>City:</b>	Paris										
<b>State/Country:</b>	FRANCE										
<b>Postal Code:</b>	75008										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11972139</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11972139						
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Application Number:	11972139										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(925)249-0111										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	925-249-1300										
<b>Email:</b>	mark@techpatents.com										
<b>Correspondent Name:</b>	WILSON & HAM										
<b>Address Line 1:</b>	2530 BERRYESSA ROAD										
<b>Address Line 2:</b>	PMB: 348										
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95132										
<b>ATTORNEY DOCKET NUMBER:</b>	RSTN-133										
<b>NAME OF SUBMITTER:</b>	Mark A. Wilson										
Total Attachments: 3											

**CH \$40.00 11972139**

**500436731**

**PATENT  
 REEL: 020348 FRAME: 0183**

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**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>
Florin Balus	10050 Mossy Oak Court Cupertino, California 95014 US
Kendall William Harvey	1247 Susan Way Sunnyvale, California 94087 US
Joe Regan	7863 Foothill Knolls Drive Pleasanton, California 94588 US
Paul Kwok	465 Calderon Avenue, Apt. #15 Mountain View, California 94041 US

do hereby sell, assign and transfer to **ALCATEL LUCENT**, hereinafter called the assignee, whose full post office address is 54, rue La Boétie, 75008 Paris, France, 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

**FAILURE PROTECTION IN A PROVIDER BACKBONE BRIDGE NETWORK USING FORCED MAC FLUSHING**

including subject matter which is fully set forth and described in our application for Letters Patent of Canada filed as Canadian Patent Application No. \_\_\_\_\_ on \_\_\_\_\_ and in our application for Letters Patent of the United States of America, for which a declaration has been signed by each inventor 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 our names on the day and year set forth below.

**Signature and Statement of Witness for Florin Balus:**

Signature of Florin Balus  
Signed at 701 E Middlefield Rd, MT. VIEW CA, this  
12 day of November, 2007.

X [Signature]  
(Signature of Florin Balus)

**Statement of Witness**

I, JOSEPH REGAN, whose full post office address is 7863 FOOTHILL KNOLLS PC, PLEASANTON CA 94588 state that I was personally present and did see Florin Balsu 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.

X [Signature]  
Signature of Witness

**Signature and Statement of Witness for Kendall William Harvey:**

Signature of Kendall William Harvey  
Signed at Mountain View, CA, this  
12 day of November, 2007.

X [Signature]  
(Signature of Kendall William Harvey)

**Statement of Witness**

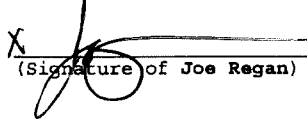
I, JOSEPH REGAN, whose full post office address is 7863 FOOTHILL KNOLLS PC, PLEASANTON CA, 94588 state that I was personally present and did see Kendall William Harvey who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

X [Signature]  
Signature of Witness

Signature and Statement of Witness for Joe Regan:

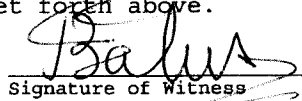
Signature of Joe Regan

Signed at 701 E. MIDDLEFIELD, MT. VIEW CA, this  
12 day of NOVEMBER, 2007.

X   
(Signature of Joe Regan)

Statement of Witness

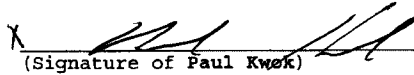
I, FLORIN BALUS, whose full post office  
address is 701 E Middlefield, MT. VIEW CA  
state that I was personally present and did see Joe Regan who is  
personally known to me to be the person named in the above assignment,  
duly execute the same on the date set forth above.

  
Signature of Witness

Signature and Statement of Witness for Paul Kwok:

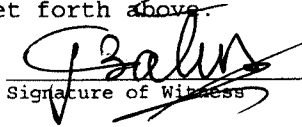
Signature of Paul Kwok

Signed at 201 E. Middlefield Rd, Mountain View CA, this  
19 day of November, 2007.

X   
(Signature of Paul Kwok)

Statement of Witness

I, FLORIN BALUS, whose full post office  
address is 701 E Middlefield, MT. VIEW CA  
state that I was personally present and did see Paul Kwok 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