PATENT REEL: 016137 FRAME: 0514

Total number of pages including cover sheet:

Attorney Docket No.: 1285-0155US

ASSIGNMENT

This ASSIGNMENT is made and entered into, as of the date set forth below, by the undersigned in favor of Alcatel, a corporation organized under the laws of France and having its principal place of business at 54, rue La Boétie, 75008 Paris, France ("Assignee")

WITNESSETH:

WHEREAS, pursuant to one or more invention, patent, proprietary information or intellectual property agreements or other similar agreements, the undersigned is obligated to assign and transfer to a subsidiary of Assignee all of the undersigned's right, title and interest in and to intellectual property described in the agreements;

WHEREAS, such subsidiary and certain other subsidiaries of Assignee are ultimately obligated, by certain inter-company agreements (including the General Relations Agreement between Assignee and such subsidiaries), to assign to Assignee the intellectual property that is to be assigned by the undersigned under this Assignment; and

WHEREAS, such subsidiaries have, for convenience, implemented a process in which the undersigned is to execute and deliver this Assignment directly in favor of Assignee, with the understanding that the assignments and transfers of this Assignment shall be deemed to have been made through the relevant subsidiaries in accordance with their assignment obligations in the inter-company agreements referred to above:

NOW, THEREFORE, in consideration of the premises and the mutual promises set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agrees as follows:

- 1. The undersigned does hereby assign and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest in and to any and all inventions which are described in the application for United States Patent identified below and to any and all improvements thereto.
- 2. The undersigned does hereby assign and transfer to Assignee the entire right, title and interest to all applications (including provisional, divisional, continuations, substitutions, reissues, and extensions), which have been or shall be filed in the United States and all foreign countries and under the terms of any treaties or conventions (including the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and the European Patent Convention) relating to said invention and any of said improvements; and in and to all rights of priority resulting from the filing of any such applications.
- 3. The undersigned agrees that Assignee may apply for and receive patents for said invention and improvements in its own name; and that, when requested, without charge to, but at the expense of, Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, divisional, continuations, substitutions, reissues, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said inventions and improvements and the history thereof; and generally do everything possible which Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and improvements, and for vesting title to said invention and improvements, and all applications for patents and all patents on said invention and improvements, in Assignee, its successors, assigns and legal representatives.

Assignment - Page 1

herein	 assignment, grant, mortgage, license, or other agreement affecting the conveyed has been made to others by the undersigned, and that full right expressed is possessed by the undersigned. 	
Application	a for U.S. Patent entitled REMOTE ACCESS LINK FAULT INDICATION	N MECHANISM which
	Has been executed by the undersigned on,	
	Has been executed by the undersigned concurrently herewith,	
	Which was filed on, and assigned Serial N	o.
IN WITH	ESS WHEREOF, the undersigned has duly executed this Assignment	on the date indicated
Signature:	David Elie-Dit Cosaque	Date: 11/29/01
Signature:	3600 Alma Road #3321, Richardson, TX 75080 USA Laurall III Kamakshi Sridhar	Date: 11/29/04
Signature:	2712 Oates Drive, Plano, TX 75093 USA Maarten Petrus Joseph Vissers	Date:
Signature:	Simone de Beauvirlaan 7, 1277 BE Huizen, The Netherlands	Date:
	Tony Van Kerckhove Duboisstraat 43 bus 1, 2060 Antwerp, Belgium	

4. The undersigned represents and warrants to Assignee, its successors, assigns and legal representatives

Assignment Page 2

Attorney Docket No.: 1285-0155US

4.	that no herein	dersigned represents and warrants to Assignee, its successors, assigns an assignment, grant, mortgage, license, or other agreement affecting the conveyed has been made to others by the undersigned, and that full right expressed is possessed by the undersigned.	ne rights and property
App	plication	n for U.S. Patent entitled REMOTE ACCESS LINK FAULT INDICATION	W MECHANISM which
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		☐ Has been executed by the undersigned concurrently herewith,	
		Which was filed on,, and assigned Serial No.	O
	WITNE	ESS WHEREOF, the undersigned has duly executed this Assignment	on the date indicated
Sig	mature:		Date:
-		David Elie-Dit Cosaque 3600 Alma Road #3321, Richardson, TX 75080 USA	
Sig	gnature:		Date:
-		Kamakshi Sridhar 2712 Oates Drive, Plano, TX 75093 USA	
Signatur	mature:		Date: 3-12-2004
		Maarten Petrus Joseph Vissers Simone de Beauvirlaan 7, 1277 BE Huizen, The Netherlands	
Sig	mature:		Date:
	w	Tony Van Kerckhove Duboisstraat 43 bus 1, 2060 Antwerp, Belgium	

Assignment - Page 2

Attorney Docket No.: 1285-0155US

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•	David Elie-Dit Cosaque 3600 Alma Road #3321, Richardson, TX 75080 USA	
Signature:		Date:
<u> </u>	Kamakshi Sridhar 2712 Oates Drive, Plano, TX 75093 USA	
Signature:		Date:
J	Maarten Petrus Joseph Vissers	
	Simone de Beauvojrlaan 7, 1277 BE Huizen, The Netherlands	
Signature:	The HA	Date: 2004-12-01
4	Tony Van Kerckhove	
	Duboisstraat 43 bus 1, 2060 Antwerp, Belgium	

Assignment - Page 2

RECORDED: 12/28/2004