

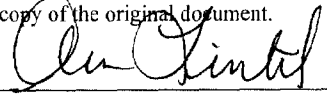
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached documents or copy thereof.

1. Name(s) of conveying party(ies): David Elie-Dit-Cosaque Maher Ali Additional names(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party: Alcatel 54, rue La Boétie 75008 Paris, France Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Execution Date: 11/21/01	
4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: 11/21/01 A. Patent Application No.(s) B. Patent No.(s) 09/998 362 Additional Numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Names and address of party to whom correspondence concerning document should be mailed: Jessica W. Smith 1000 Coit Rd., M/S LEGL2 Plano, Texas 75075-5813 (972) 477-9128		6. Total number of applications and patents involved: [1]	
		7. Total Fee (37 C.F.R. 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Deficiency authorized to be charged to deposit account.	
		8. Deposit account number: 01-1615 (Attach duplicate copy of the this page if paying by deposit account.)	
9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Alan W. Lintel Date: November 29, 2001 Total number of pages including cover sheet, attachments and document: [3]			

 J1050 U.S. PTO
 09/998362
 11/29/01

ASSIGNMENT

For one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned does hereby sell, assign, and transfer to: Alcatel, société anonyme, a corporation organized and existing under the laws of France and having its principal place of business at 54, rue La Boétie, 75008 Paris, France ("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.

The undersigned does hereby sell, 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.

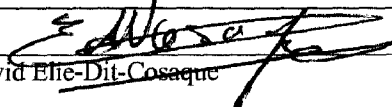
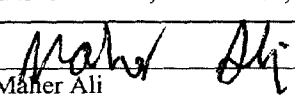
The undersigned agrees that Assignee may apply for and receive patents for said invention and improvements in its own name; and that, when requested, without charge to, but at the expense of, Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose 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.

The undersigned represents and warrants to Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Application for U.S. Patent entitled Informed Dynamic Path Protection for Optical Networks which:

- ☐ Has been executed by the undersigned on _____, _____
- ☒ Has been executed by the undersigned concurrently herewith,
- ☐ Which was filed on _____, _____, and assigned Serial No. _____

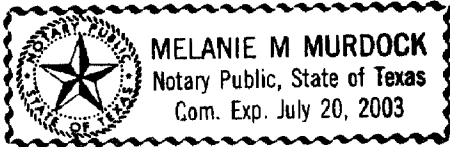
IN TESTIMONY WHEREOF, I have duly executed this Assignment on the date indicated below:

Signature: <u></u> David Elie-Dit-Cosaque 430 Buckingham Rd. #1034, Richardson, Texas 75081, US	Date: <u>11/21/2001</u>
Signature: <u></u> Maher Ali 3600 Alma Rd. #4321, Richardson, Texas 75080,	Date: <u>11/21/01</u>

STATE OF Texas §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this 21 day of November, 2001, personally appeared David Elie-Dit-Cosaque, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 21st day of November, 2001.



Melanie M Murdock
Notary Public

STATE OF Texas §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this 21 day of November, 2001, personally appeared Maher Ali, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 21st day of November, 2001.



Melanie M Murdock
Notary Public