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<p>1. Name of party or parties conveying an interest:</p> <p>Dominique Bonnet</p>	<p>2. Name and address of party or parties receiving an interest: Name: FRANCE TELECOM Address: 6 Place d'Alleray 75015 Paris, France</p>
<p>3. Description of the interest conveyed:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Security Agreement</p> </div> <div style="width: 48%;"> <p>Other:</p> </div> </div> <p>Execution Date: June 24, 1998</p>	
<p>4. Application number(s) or patent number(s). Additional sheet attached? YES _____ NO <u>X</u></p> <hr/> <p>A. Patent application no.(s): 09/083,588 filed May 22, 1998</p>	<p>If the document is being filed together with a new application, the execution date of the application is:</p> <hr/> <p>B. Patent no.(s):</p>
<p>5. Name and address of party to whom correspondence concerning this cover sheet should be mailed: Name: William E. McCracken Reg. No. 30,195 MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN Street Address: 6300 Sears Tower, 233 South Wacker Drive City: Chicago State: Illinois Zip: 60606-6402</p>	<p>6. Number of applications and/or patents identified on this cover sheet: <u>1</u></p> <p>7. Amount of fee enclosed or authorized to be charged: \$ 40.00</p> <hr style="border-top: 1px dashed black;"/> <p>8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-2855</p>

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Date: May 29, 1998

William E. McCracken
Reg. No. 30,195

Total number of pages including cover sheet, attachments, and document: 2

08/05/1998 JMWATKINS 00000177 09083588 40.00 00

ASSIGNMENT

Serial No: 09/083,588
 Filed: May 22, 1998
 Title: Process for depicting paths within a graphical representation of a network

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign(s) to FRANCE TELECOM - 6 place d'Alleray
75015 PARIS (France), (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on even date herewith, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize(s) and request(s) the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant(s) themselves (himself/herself) to be the owners (owner) of the interest herein assigned and to have the right to make this assignment and further warrant(s) that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree(s), upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree(s) upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my (our) hand(s) this 24th day of June 1998.

Witnesses:

Dominique BONNET

1) FOUCHET Sylvie

Name:

2) VILLEGER Patrick

Name:

PATENT

RECORDED: 08/03/1998

REEL: 9355 FRAME: 0110

MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN, 6300 Sears Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6402