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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket 5284-4PUS

(Rev. 6-53) QMB No. 0651-0011 (exp. 4/94) 102685067 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies):
Philippe CHANCLOU
Monique THUAL
Michel GADONNA Name: France Telecom Arnaud LAURENT Internal Address: Street Address: 6, place d'Alleray City: Paris State/Country: France Zip: <u>75015</u> Additional name(s) of conveying partylies) attached? [] Yes [x] No 3. Nature of conveyance: Additional name(s) & address(es) attached? [] Yes [x] No [x] Assignment [] Merger [] Security Agreement Change of Name [] Other Execution Date: 7/10/2002, 7/10/02, 7/10/02 & 7/17/2002 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 10/182,003 B. Patent No.(s) n/a Additional numbers attached? [] Yes [x] No 5. Name and address of party to whom correspondence Total number of applications and concerning document should be mailed: patents involved: Name: Thomas Langer 7. Total fee (37 CFR 3.41):..... \$40.00 Internal Address: Cohen, Pontani, Lieberman & Pavane [x] Enclosed Authorized to be charged to deposit acc Street Address: 551 Fifth Avenue, 12th Floor City: New York State: New York Zip: 10176 8. Deposit account number: (Attach duplicate copy of this page if payi ng by deposit_account DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is strue copy of the original document. Thomas Langer Name of Person Signing anie October 4, 2002 /po Date Reg. No. 27,264 Signature Total number of pages including cover sheet, attachments, and document:

> Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Washington, D.C. 20231

Attorney Docket Number : 5284-4PUS

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE the undersigned, CHANCLOU Philippe, THUAL Monique, GADONNA Michel, LAURENT Arnaud, (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to FRANCE TELECOM (hereinafter referred to as "ASSIGNEE"), a corporation of France, having a place of business at 6, place d'Alleray, 75015. PARIS, respectively its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, executed by the undersigned

- [] concurrently herewith,
- [] on

[X] which is the U.S. national stage application of International PCT Application No. PCT/FR01/00196, filed on January 19, 2001, and which is entitled

A METHOD AND APPARATUS FOR WAVELENGTH SWITCHING OF A LASER SOURCE and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at

the expense of said 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 divisional, continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof, and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said 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.

Date:

07/10/2002

month/day/year

CHANCLOU Philippe

Witness

Note:

Signature of a witness is preferable, but not required.

ASSIGNMENT - continued

Date: Mol7 002 month/day/year

THUAL Monique

Witness

Date: 7/10/200

month/day/year

GADONNA Michel

Date:

nonth/day/year

LAURENT Arnaud

Note: Signature of a witness is preferable, but not required.

[] Additional inventors on attached page.

PATENT REEL: 014498 FRAME: 0047