09-20-2004

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MODIFIED Form PTO-1595 REC U.S. DEPARTMENT OF COMMERCE (Rev. 10/02) 102839507 U.S. Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Denis TUAU ALCATEL Michael GREIFF 54, rue la Boétie Armel LE BAYON 75008 Paris France Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: July 5, 2004, May 15, 2004, and July 6, Additional name(s) & address(es) attached?

Yes 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) B. Patent No.(s) 10/867,751 Not yet assigned Additional numbers attached? ☐ Yes ☑ No Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: SUGHRUE MION, PLLC 7. Total fee (37 CFR 3.41): \$40.00 WASHINGTON OFFICE ☑ Enclosed. ☐ Authorized to be charged to Deposit Account No. 19-4880. 23373 The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best only knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document September 15, 2004 David J. Cushing Reg. No. 28,703 Date Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

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PATENT

REEL: 015784 FRAME: 0948

Assignment

Whereas I/Wa

- Denis TUAU

- Michael GREIFE

- Armel LE BAYON

hereinafter called assignor(s), have invented certain improvements in

REFLECTOR ANTENNA FEED

and executed an application for Letters Patent of the United States of America therefor identified by Attorney Docket No. 105278/MAH/RFS

Whereas,

ALCATEL

54, rue la Boétie 75008 PARIS FRANCE

hereinafter called assignee,

desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefore;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignée.

1/We hereby authorize and request my attorneys SUGHRUE, MION, PPLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3202 to insert here in parentheses (Application number 10/867, 751, fited June 16, 3004) the filing date and application number of said application when known.

July 5, 2004

Date : 07/05/04

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May 15, 2004

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July 6, 2004 Date: 04/06/64

RECORDED: 09/15/2004

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Armel LE BAYON

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

E-political files for the following and the

PATENT REEL: 015784 FRAME: 0949