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|   | (Rev. 03/01)<br>OMB No. 0651-0027  | 102288443  |  | U.S. Patent and Trademark Office     |  |
|   | To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereo  |  | nal documents or copy thereof.               |                                      |  |
|   | 1. Name of conveying party(ies):   |  | 2. Name and address of receiving party(ies): |                                      |  |
|   | Alain Johan Maria VAN DONINCK  | ALCATEL  |  |                                      |  |
|   | Alfons Corneel Emiel ADRIAENSEN  | 54, rue La Boe                                   | tie  |                                      |  |
|   | Wolfgang STEINERT  | F-75008 Paris,                                   |  |                                      |  |
|   | Wolfgang OTEHVERT  | 1-75000 1 at 18,                                 | TRANCE                                       |                                      |  |
|   | 11-15-   | 02 OIPE  | YC98   |                                      |  |
|   | Additional name(s) of conveying party(ies) attached?   | Yes No No No 15                                  | 2002 j                                       |                                      |  |
|   | 3. Nature of conveyance:   | Į įį   | تغر  |                                      |  |
|   | ☑ Assignment ☐ Merger  | <b>V</b>   | .at  |                                      |  |
|   |  | RADE   | MAL  |                                      |  |
|   | Security Agreement   |  |  |                                      |  |
|   | ☐ Other  |  |  |                                      |  |
|   | Execution Date: September 20, 2002 and Septer  | mber 22,   |  |                                      |  |
|   | 2002   | Additional name                                  | e(s) & address(es) a                         | attached?   Yes   No                 |  |
|   | 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                                     | o.(s)  |                                      |  |
|   | 10/212,767   |  |  |                                      |  |
|   | Additional numbers attached? ☐ Yes ☑ No  |  |  |                                      |  |
|   | 5. Name and address of party to whom correspo  | ndence 6. Total numb                             | er of applications                           | and patents involved:                |  |
|   | concerning document should be mailed:  |  |  | _1                                   |  |
|   | SUGHRUE MION, PLLC   | 7. Total fee (3                                  | 7 CFR 3.41):                                 | \$40.00                              |  |
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|   |  |  |  |                                      |  |
|   | original document.   |  |  |                                      |  |
|   |  |  |  |                                      |  |
|   | Dill Chi   | D - N - 00 702                                   | <u></u>                                      | November 15, 2002                    |  |
|   | David J. Cushing   | Reg. No. 28,703                                  |  | Date                                 |  |
|   | Total number of pages including cover sheet, attachments, and documents: 2   |  |  |                                      |  |
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## Assignment

| Assignment  |  |  |
|---|--|--|
| Whereas, I/We Alain Johan Maria VAN DONINCK, Alfons Corneel Emiel ADRIAENSEN and Wolfgang STEINERT, from respectively Spruytershofstraat 61, B-2520 Ranst Belgium; Reyndersstraat 55-2, B-2000 Antwerpen Belgium and Markstrasse 28, D-71522 Backnang Germany hereinafter called assignor(s), have invented certain improvements in RECEIVER, SENDER, METHOD AND BURST SIGNAL and executed an application for Letters Patent of the United States of America therefor in Application number 10212767 and Confirmation number 2531, on ; and   |  |  |
| Whereas,  |  |  |
| ALCATEL, 54, rue La Boétie, F-75008 PARIS, FRANCE   |  |  |
| (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;  |  |  |
| 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 Director – U.\$. Patent and Trademark Office 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 assignee. |  |  |
| Date: Sept. 20, 2002 Alain Van Dominck  |  |  |
| S/ Alain Johan Maria VAN DONINCK  Date: Sept. 22, 2002  S/ Alfons Corneel Emici ADRIAENSEN  Date: Sept. 22, 2002  Date: Sept. 22, 2002  |  |  |
| Date:   |  |  |
| s/  |  |  |
| Date:   |  |  |
| s/  |  |  |
| Date:   |  |  |
| s/  |  |  |

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 8/92

PATENT RECORDED: 11/15/2002 REEL: 013495 FRAME: 0170