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original documents or copy thereof.

To the Honorable Commissioner of Patent

09/11/98
Daw

1. Name of conveying party(ies):

Robert Peter Christina WOLTERS
Harry Franciscus Ludovica VANHOOF

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Alcatel

Internal Address:

Street Address: 54, rue La Boetie

City: 75008 Paris, France State: France ZIP:

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: October 20, 1998

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)

Serial No. 09/111,982
Filed July 8, 1998

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alfred A. Fressola

Internal Address: Ware, Fressola, Van Der Sluys and Adolphson LLP

Street Address: 755 Main Street, BOX 224

City: Monroe State: CT ZIP: 06468

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

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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.

Alfred A. Fressola, 27,550
Name of Person Signing

Signature

11/3/98
Date

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Washington, D.C. 20231

PATENT
REEL: 9572 FRAME: 0370

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Robert Peter Christina WOLTERS, citizen of The Netherlands and Harry Franciscus Ludovica VANHOOF, citizen of Belgium, and residing respectively at Gestraatje 12, NL-6065 AC Montfort, The Netherlands and Nachtegalenstraat 13, B-2275 Lille, Belgium, hereby sell, assign and transfer to ALCATEL, a corporation duly organized and existing under the laws of France and having a principal place of business at 54, rue La Boétie, 75008 PARIS, France, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions relating to improvements in A METHOD TO PROVIDE INFORMATION CONCERNING A FREQUENCY BAND, A HEAD-END AND A TERMINAL REALIZING SUCH A METHOD AND A COMMUNICATION ACCESS NETWORK INCLUDING SUCH A HEAD-END AND SUCH A TERMINAL which is described in an application for Letters Patent of the United States, and identified by Ware, Fressola, Van Der Sluys & Adolphson LLP docket nr. 902.717, U.S. Serial No. 09/111,982 filed on July 8, 1998 and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in the United States and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file a like document which may be required for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives and the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Antwerp, Belgium, this 20th day of October 1998

Robert Peter Christina Wolters

Robert Peter Christina WOLTERS

Harry Franciscus Ludovica Vanhoof

Harry Franciscus Ludovica VANHOOF

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness : Josiane, Anne Marie Vandembreck Date : 20/10/1998

Witness : Harry Franciscus Ludovica Vanhoof Date : 20/10/1998

Guêlle, Marie, Thérèse Narmon