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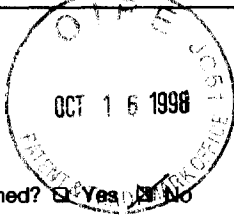
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To the Honorable Commissioner of Patents and Trademarks

Attachments or copy thereof.

1. Name of conveying party(ies):

Robert P.C. WOLTERS
Harry F. L. VANHOOF



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

2. Name and address of receiving party(ies)

Alcatel Alsthom Compagnie
Generale d'Electricite
54, rue La Boetie
75008 Paris FRANCE

10-16-98

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

902-718

Execution Date: August 20, 1998

Additional name(s) & address(es) 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)

09/111,606, filed July 7, 1998

B. Patent No.(s)

Additional numbers attached? Yes No

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

Francis J. Maguire
WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
755 Main Street, PO Box 224
Monroe CT 06468

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

23-0442

(Attach duplicate copy of this page if paying by deposit account)

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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.

Francis J. Maguire
Name of Person Signing

Francis Maguire
Signature

7 October '98
Date

Total number of pages including cover sheet, attachments, and document: 5

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Washington, D.C. 20231

PATENT

REEL: 9519 FRAME: 0576

09/29/1998 RECEIVED 06000020 09111406 40.00

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, ROBERT PETER CHRISTINA WOLTERS, a citizen of The Netherlands, residing at Gestraatje 12, NL-6065 AC Montfort, The Netherlands; and HARRY FRANCISCUS LUDOVICA VANHOOF, a citizen of Belgium and residing at Nachtegalenstraat 13, B-2275 Lille, Belgium; respectively, hereby sell, assign and transfer to ALCATEL ALSTHOM COMPAGNIE GÉNÉRALE D'ELECTRICITÉ, 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, for all countries in and to certain inventions relating to improvements in A METHOD TO PROVIDE INFORMATION CONCERNING A FREQUENCY BAND, A HEAD-END, A NETWORK TERMINATOR AND A TERMINAL REALIZING SUCH A METHOD AND A COMMUNICATION ACCESS NETWORK INCLUDING SUCH A HEAD-END, SUCH A NETWORK TERMINATOR AND SUCH A TERMINAL, which is described in an application for Letters Patent of the United States, Serial No. 09/111,606, filed July 7, 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 inventions 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 any and all countries 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 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 or like document which may be required in any country 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 and assigns and legal representatives, that 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 this
 20th day of August, 19 98.

Robert Peter Christina Wolters
 Robert Peter Christina WOLTERS

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

Witness Jean-Louis, Joseph, Amédée Date August 20, 1998
Maessen

Witness Axel Bro Michel Plas Date August 20, 1998

Signed at Antwerp this
20 th day of August, 19 98.

Harry Franciscus Ludovica VANHOOF
 Harry Franciscus Ludovica VANHOOF

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

Witness Peter Hubert Maria Steeghs Date August 20, 1998

Witness Monique Carola Joanna Vermeulen Date August 20, 1998