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## 1. Name of conveying party(ies):

Andrea Sandri, Carlo Luschi  
and Arnaldo Spalvieri

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Alcatel  
54, rue La Boétie  
75008 Paris, France

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
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Execution Date: February 5, 1999

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☐ 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)

09/132,444 filed  
August 11, 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, P.O. Box 224  
Monroe, Connecticut 06468

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

23-0442

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attachments are true copies of the original documents.*

Francis J. Maguire

Name of Person Signing

Francis J. Maguire  
Signature

18 February 99  
Date

Total number of pages including cover sheet, attachments, and document: 6

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PATENT

REEL: 9797 FRAME: 0529

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, ANDREA SANDRI, CARLO LUSCHI and ARNALDO SPALVIERI, citizens of Italy and residing at Via F. Querini, 1, 20052 Monza (Milano) Italy; 7 Marlborough Court, Duke Street, Oxford OX2 0QT, Great Britain; and Viale Monza, 24, 20127 Milano, Italy; respectively, 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, for all countries in and to certain inventions relating to improvements in A METHOD FOR STABILIZING THE OPERATION OF FRACTIONALLY SPACED EQUALIZERS IN DIGITAL SIGNAL RECEIVERS, which is described in an application for Letters Patent of the United States, Serial No. 09/132,444, filed August 11, 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 Vimercate this 5<sup>th</sup>  
day of February, 19 99.

Andrea Sandri  
Andrea Sandri

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

Witness Cristina Flisi Date Feb. 5<sup>th</sup> 1999  
Cristina FLISI

Witness Luigi Penza Date Feb. 5<sup>th</sup> 1999  
Luigi PENZA

Signed at Vimercate this 5<sup>th</sup>  
day of February, 1999.

Arnaldo Spalvieri  
Arnaldo Spalvieri

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

Witness Cristina Flisi Date Feb. 5<sup>th</sup> 1999  
Cristina FLISI

Witness Luigi Penza Date Feb. 5<sup>th</sup> 1999  
Luigi PENZA

Signed at Vimercate this 5<sup>th</sup>  
day of February, 19 99.

Carlo Luschi  
Carlo Luschi

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

Witness Cristina Flisi Date Feb. 5<sup>th</sup> 1999  
Cristina FLISI

Witness Luigi Penza Date Feb. 5<sup>th</sup> 1999  
Luigi PENZA