

12-29-2004

R. Benet Ballester 5-10-18-3-10-3

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

U.S. Department of Commerce  
Patent and Trademark Office



102913094

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

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

Raul Benet Ballester  
Adriaan J. De Lind Van Wijngaarden  
Ralf Dohmen  
Bernd Dotterweich  
Miguel Robledo  
Swen Wunderlich

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

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: Benet Ballester 12/2/04; DeLind Van Wijngaarden 10/4/04;  
Dohmen 10/22/04; Dotterweich 12/17/04; Robledo 12/13/04; Wunderlich  
10/14/04

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

Name: Lucent Technologies Inc.

Internal Address:

Street Address: 600 Mountain AvenueCity: Murray Hill State: NJ Zip: 07974-0636Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or registration 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) 10/955,321

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Eamon J. WallInternal Address: MOSER, PATTERSON & SHERIDAN, LLPStreet Address: 595 Shrewsbury Avenue, Suite 100City: Shrewsbury State: NJ Zip: 077026. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41)----- \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

20-0782

DO NOT USE THIS SPACE

## 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.

Eamon J. Wall

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 8

Mail documents to be recorded with required cover sheet information to:

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Director - US Patent and Trademark Office

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PATENT  
REEL: 016100 FRAME: 0399

## ASSIGNMENT AND AGREEMENT

For value received, we, **Raul Benet Ballester of Spain, Adriaan J. De Lind Van Wijngaarden of New Providence in the County of Union in the State of New Jersey, Ralf Dohmen of Germany, Bernd Dotterweich of Pommersfelden, Germany, Miguel Robledo of Nuernberg, Germany and Swen Wunderlich of Dresden, Germany** hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **METHOD AND APPARATUS FOR FRAME SYNCHRONIZATION IN A DIGITAL COMMUNICATION SYSTEM THAT SUPPORTS MULTIPLE MODULATION FORMATS** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

A handwritten signature in black ink, consisting of a large, stylized 'R' followed by 'B' and 'B', with a horizontal line extending from the end.

Raul Benet Ballester


Date: 2<sup>nd</sup> December 2004

  
\_\_\_\_\_  
Adriaan J. De Lind Van Wijngaarden

Date: October 4, 2004

United States of America                    )  
State of New Jersey                    ) ss.:  
County of Union                        )

On this 4 day of October, 2004, before me personally came Adriaan J. De Lind Van Wijngaarden, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

DIANE C. THOMAS  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 11, 2006

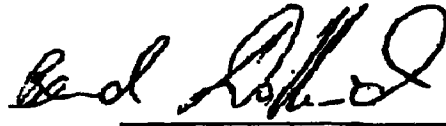
R. Benet Ballester 5-10-18-3-10-3

*Ralf Dohmen*

Ralf Dohmen

Date: 10/22/04

R. Benet Ballester 5-10-18 3-10-3



Bernd Dotterweich

Date: 17.12.2004

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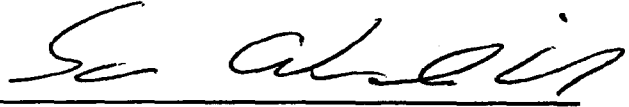
R. Benet Ballester 5-10-18-3-10-3

*M Robledo*

Date: 13.12.2004

Miguel Robledo

R. Benet Ballester 5-10-18-3-10-3



Swen Wunderlich

Date: 14 Nov 2004

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636

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RECORDED: 12/23/2004

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