

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5765420

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                   |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                       |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                  |                       |
|                                                                                                                                                                                                 | <b>Name</b>                      | <b>Execution Date</b> |
|                                                                                                                                                                                                 | AT&T CORP.                       | 03/29/1996            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                  |                       |
| <b>Name:</b>                                                                                                                                                                                    | LUCENT TECHNOLOGIES INC.         |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 600 MOUNTAIN AVENUE              |                       |
| <b>City:</b>                                                                                                                                                                                    | MURRAY HILL                      |                       |
| <b>State/Country:</b>                                                                                                                                                                           | NEW JERSEY                       |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 07974                            |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                  |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>             | <b>Number</b>         |
|                                                                                                                                                                                                 | Patent Number:                   | 5428609               |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                  |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (908)320-4441                    |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                  |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 908-738-1770                     |                       |
| <b>Email:</b>                                                                                                                                                                                   | pto@bciplaw.com                  |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | BOTOS CHURCHILL IP LAW LLP       |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 430 MOUNTAIN AVENUE, SUITE 401   |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | NEW PROVIDENCE, NEW JERSEY 07974 |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | SVI 9.0-002 [811]                |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MARSIA TIRRELL                   |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /marsia tirrell/                 |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 10/11/2019                       |                       |
| <b>Total Attachments: 5</b>                                                                                                                                                                     |                                  |                       |
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## PATENT ASSIGNMENT

WHEREAS, AT&T CORP., a corporation created under the laws of the State of New York (hereinafter ASSIGNOR), having an office at 32 Avenue of the Americas, New York, New York, 10013, U.S.A., presently owns or controls TRANSFERRED PATENTS (after giving effect to the assignment referred to in the definition of TRANSFERRED PATENTS); and

WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its shareholders to separate ASSIGNOR's existing businesses into three independent businesses; and

WHEREAS, as part of the foregoing, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in LUCENT TECHNOLOGIES INC., a corporation created under the laws of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974, U.S.A. (hereinafter ASSIGNEE).

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, effective March 29, 1996 (immediately after the effectiveness of the assignment by NCR CORPORATION referred to in the definition of TRANSFERRED PATENTS), ASSIGNOR by these presents does, subject to existing rights and licenses of third parties, hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to ASSIGNEE, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver.

ASSIGNOR agrees that, upon request it will, at any time without charge to ASSIGNEE but at ASSIGNEE's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in ASSIGNEE, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining said patents in any and all countries and for vesting title thereto in ASSIGNEE, its successors, assigns and legal representatives or nominees.

AT&T PROPRIETARY (RESTRICTED)  
SOLELY FOR THOSE PERSONS HAVING A NEED TO KNOW  
USE PURSUANT TO COMPANY INSTRUCTIONS

(Final Version) --

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REEL: 050714 FRAME: 0594

As used herein "TRANSFERRED PATENTS" means all patents and filed patent applications owned or controlled by ASSIGNOR as of the date hereof (which are, for example, in the name among others of AT&T Corp., AT&T Information Systems, AT&T Bell Laboratories and American Telephone and Telegraph Company, including certain patents previously assigned to ASSIGNOR by NCR CORPORATION under a separate Patent Assignment) except for the following:

- (i) all patents and patent applications listed in Appendix "A" hereof, which will be retained by ASSIGNOR; those patents and patent applications listed in Appendix "B" hereof, which ASSIGNOR is assigning to its Subsidiary, NCR CORPORATION, a Maryland corporation, by an equivalent Assignment executed as of this date; and those patents listed in Appendix "C" hereof, in which ASSIGNOR is assigning an undivided, one-half (1/2) interest to ASSIGNEE by a separate Assignment executed as of this date; and
- (ii) all patents and patent applications owned or controlled by AT&T WIRELESS SERVICES, INC., a Delaware corporation, and by its Subsidiaries; and
- (iii) all patents and patent applications owned and controlled by NCR CORPORATION and by its Subsidiaries; and
- (iv) all patents and patent applications owned or controlled by ASSIGNEE's Subsidiaries (it being understood that by its assumption of ownership or control of such Subsidiaries, ASSIGNEE has acquired or will acquire an interest in such patents and applications independent of this Assignment).

Appendix "D" hereof represents ASSIGNOR's and ASSIGNEE's joint view of those patents and patent applications included in the definition of TRANSFERRED PATENTS. In case of conflict between such definition and Appendix "D", the definition shall control; and if requested, ASSIGNOR will execute a writing identifying corrections in Appendix "D".

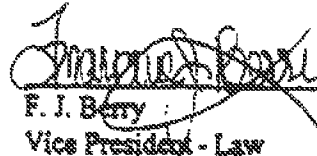
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REEL: 9956 FRAME: 0781  
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29 Signed for AT&T CORP. at Basking Ridge, New Jersey, this  
day of March, 1996.

  
F. J. Berry  
Vice President - Law  
AT&T CORP.

\_\_\_\_\_  
Secretary

Accepted for LUCENT TECHNOLOGIES INC. at Lucent Corp, New Jersey, this  
29 day of March, 1996.

  
M. R. Greene  
Vice President - Law  
LUCENT TECHNOLOGIES INC.

\_\_\_\_\_  
Secretary

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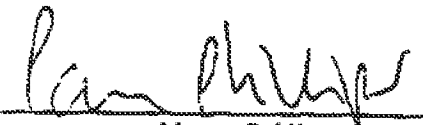
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State of New Jersey )  
County of Somerset ) ss:

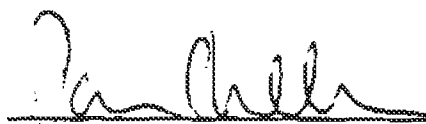
On the 29 day of March, 1996, before me came  
F. J. Berry, to me known, who, being by me duly sworn, did depose and says that she is  
Vice President - Law of AT&T CORP., the corporation described in and which executed  
the foregoing instrument; that she knows the seal of said corporation; that the seal affixed  
to said instrument is such corporate seal; that it was so affixed by authority of the board  
of directors of said corporation and that she signed her name thereto by like authority.

  
Notary Public

PAULA PHILLIPS  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Sept. 19, 1999

State of New Jersey )  
County of Somerset ) ss:

On the 29 day of March, 1996, before me came  
M. R. Greene, to me known, who, being duly sworn, did depose and says that he is Vice  
President - Law of LUCENT TECHNOLOGIES INC., the corporation described in and  
which executed the foregoing instrument; that he knows the seal of said corporation; that  
the seal affixed to said instrument is such corporate seal; that it was so affixed by  
authority of the board of directors of said corporation and that he signed his name thereto  
by like authority.

  
Notary Public

PAULA PHILLIPS  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Sept. 19, 1999

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RECORDED: 10/11/2019

PATENT  
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REEL: 050714 FRAME: 0598