503145873 01/22/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3192485

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| AT&T Corp. | 03/29/1996 |

RECEIVING PARTY DATA

| Name: | LUCENT TECHNOLOGIES INC. |
|-----------------|--------------------------|
| Street Address: | 600 MOUNTAIN AVENUE |
| City: | MURRAY HILL |
| State/Country: | NEW JERSEY |
| Postal Code: | 07974 |

PROPERTY NUMBERS Total: 3

| Property Type | Number |
|----------------|---------|
| Patent Number: | 5926760 |
| Patent Number: | 5745852 |
| Patent Number: | 5920816 |

CORRESPONDENCE DATA

Fax Number:

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.

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Email: narpatent@alcatel-lucent.com
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Address Line 1: 600-700 MOUNTAIN AVENUE

Address Line 2: ROOM 3B-212F

Address Line 4: MURRAY HILL, NEW JERSEY 07974-0636

| ATTORNEY DOCKET NUMBER: | KHAN 2*/KHAN 3*/KHAN 4* |
|-------------------------|-------------------------|
| NAME OF SUBMITTER: | GREGORY J. MURGIA |
| SIGNATURE: | /Gregory J. Murgia/ |
| DATE SIGNED: | 01/22/2015 |

Total Attachments: 6

source=PatentAssignment_AT&TCorp-to-LucentTechnologiesInc_29Mar1996_(Khan)#page1.tif source=PatentAssignment_AT&TCorp-to-LucentTechnologiesInc_29Mar1996_(Khan)#page2.tif source=PatentAssignment_AT&TCorp-to-LucentTechnologiesInc_29Mar1996_(Khan)#page3.tif

PATENT 503145873 REEL: 034783 FRAME: 0818

source=PatentAssignment_AT&TCorp-to-LucentTechnologiesInc_29Mar1996_(Khan)#page4.tif source=PatentAssignment_AT&TCorp-to-LucentTechnologiesInc_29Mar1996_(Khan)#page5.tif source=PatentAssignment_AT&TCorp-to-LucentTechnologiesInc_29Mar1996_(Khan)#page6.tif

PATENT REEL: 034783 FRAME: 0819

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 emities 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: 034783 FRAME: 0820

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:

- all patents and patent applications listed in Appendix "A" hereof, which will (i) 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
- all patents and patent applications owned or controlled by AT&T WIRELESS (ii) SERVICES, INC., a Delaware corporation, and by its Subsidiaries; and
- all patents and patent applications owned and controlled by NCR (iii) CORPORATION and by its Subsidiaries, and
- all patients and patient applications owned or controlled by ASSIGNEE's (iv) 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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| 2 ⁹ | Signed fo day of | AT&T COP | CP. at (| Aiky N | 收. | New | Jersey, | this |
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| | | | Vi | MOLDING TO BETTY OF PRESIDENT - | Book Law | | | |
| Secretary | ······ | | | | | | | |
| Accepted to 2 4 | or LUCENT day of | TECHNOLOG MACC | IES INC. | at Live Ty | CYMEN | ew Jer | ey, this | |
| | | | Vic | R. Greene E. President - CENT TECH | Law NOLOG | *************************************** | IC. | |
| | | Ser | cretary | | | | | |

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| State of New Jersey | |
| State of New Jersey County of SOLICIET ss: | |
| On the 29 day of Monch | and a second of |
| F. J. Berry, to me known, who, being by me duly sworn, die Vice President - Law of AT&T CORP., the corporation describes | 1 Marketon and market 1 |
| me forekomik minimicul mai and shows the seal of said how | arametriana ela esta esta esta esta esta esta esta est |
| to your manament is such coldolate seat. that it make the observe | med borr acrob makes at 1 c |
| of directors of said corporation and that she signed her name | thereto by like authority. |
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| $\mathcal{C}_{\mathcal{L}_{2}}$ | Mallor |
| | L W W W |
| | otary Public |
| | PAULA PHILLIPS |
| | NOTARY PUBLIC OF NEW JEDGEV |
| State of New Jersey) | My Commission Expires Sept. 19, 1999 |
| State of New Jersey County of Sometimes State of New Jersey State of | |
| county of DOW(Com) | |
| On the 29 day of Man | , 1996, before me came |
| M. R. Greene, to me known, who, being duly swom did down | APA wood parent all in L . Y 970 |
| resident - Law of LUCENT LECHNOLOGIES INC "LL" | American January 1 . 1 |
| which executed the foregoing instrument; that he knows the the seal affixed to said instrument is such corporate seal; | there is trong an afficial to |
| authority of the coard of directors of said corporation and tha | the signed his name thereto |
| by like authority. | All the second s |
| | |
| | |

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

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PATENT REEL: 034783 FRAME: 0823

Notary Public

APPENDIX "D"

LIST OF PATENTS AND PATENT APPLICATIONS TRANSFERRED BY AT&T TO LUCENT

| 05/646064 | 05/712394 | 05/787848 | 1 | ** L L 33 | .4. |
|-----------|-----------|-----------|-----------|-----------|-------------|
| 05/648288 | 05/714525 | 3 | 05/853796 | 05/910190 | 05/972022 |
| 05/650618 | 05/717987 | 05/788569 | 05/858389 | 05/911099 | 05/972023 |
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| 05/669164 | 05/744622 | 05/806364 | 05/873283 | 05/928930 | 06/001379 |
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| 05/712392 | 05/782349 | 05/853123 | 05/909948 | 05/972021 | 06/064258 · |

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| 08/504970 | 08/509681 | 08/516418 | 08/522188 | 08/528389 | 08/533046 |
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| 08/509562 | 08/475109 | 08/521940 | 08/527239 | 08/531982 | 60/005506 |
| 08/509563 | 08/516060 | 08/522012 | 08/527240 | 60/004177 | 08/537372 |
| 08/509612 | 08/516111 | 08/522013 | 08/527305 | 08/532186 | 08/537561 |
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| 08/509678 | 08/516369 | 08/522041 | 08/527989 | 08/533042 | 08/537565 |
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