09-10-1999 FORM PTO-1595 R U.S. DEPARTMENT OF COMMER } SHEET (Rev. 6-93) Patent and Trademark Of OMB No. 0651-0011 (exp. 4/94) Tab settings □ □ □ ▼ 101141450 attached original documents or copy thereof. To the Honorable Commissioner of MKD 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) David L. Chavez Jr. Name: Lucent Technologies Inc 8/31/99 Stephen M. Thieler Internal Address:_ Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: * Assignment Street Address: 600 Mountain Avenue □ Merger P.O. Box 636 ☐ Security Agreement ☐ Change of Name 07974 City: Murray Hill State: NJ Other _____ Execution Date: __ August 26, 1999 Additional name(s) & address(es) attached? ☐ Yes ☒ No. 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: August 26, 199 A. Patent Application No.(s) B. Patent No.(s) 091381/161 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Docket Administrator 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address: Room 3C-512 C Enclosed Authorized to be charged to deposit account Street Address: 600 Mountain Avenue 8. Deposit account number: 12-2325 P.O. Box 636 City: Murray Hill State: ZIP: 0636 (Attach duplicate copy of this page if paying by deposit account)

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DO NOT USE THIS SPACE

Statement and signature.

(CHAVEZ 44)

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy the original document.

JOHN C. MORAN Name of Person Signing

August 31, 1999

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

ASSIGNMENT AND AGREEMENT

For value received, we, David L. Chavez Jr., of Thornton in the County of Adams and State of Colorado, and Stephen M. Thieler, of Boulder in the County of Boulder and State of Colorado, 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 Advertised Ring Back In A Telecommunication Switching System 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.

PATENT REEL: 010217 FRAME: 0752 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.

David L. Chavez Jr.

Date: 8-26-99

United States of America)

State of Colorado) ss.:

County of Adams

On this day of August 1,19, before me personally came David L. Chavez Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



Stephen M. Thulm Stephen M. Thieler

Date: 8-26-99

United States of America

Colorado State of) ss.:

County of Boolder

On this 26 day of August ,19 99, before me personally came Stephen M. Thieler, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Male M. Robertson
Notary Public

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

