Docket No.: 1209-51 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE 09-24-2004 (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → 102844023 To the Director of the United States Paten. .tached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): 1. Qassim Ayub Badat 2. Adam Craig Roseman Name: AT&T Corp. Address: 32 Avenue of the Americas ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Merger ☐ Change of Name City: New York State/Prov.: NY ☐ Security Agreement ZIP: 10013-2412 Other Country: _ Execution Date: September 1, 2004 ☐ Yes ⊠ No Additional name(s) & address(es) 4. Application number(s) or patent numbers(s): 10/94/140If this document is being filed together with a new application, the execution date of the application is: September 1, 2004 Patent Application No. Filing date B. Patent No.(s) 3/16/20**04 HLE333 00000049 10941140** FC:8021 40.00 OP ☐ Yes ☐ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Rod S. Turner, Esq. 7. Total fee (37 CFR 3.41):....\$ 40.00 Enclosed - Any excess or insufficiency should be 38,639 Registration No. credited or debited to deposit account Address: Hoffmann & Baron, LLP ☐ Authorized to be charged to deposit account 6900 Jericho Turnpike 8. Deposit account number: _____ State/Prov.: NY 08-2461 City: Syosset (Attach duplicate copy of this page if paying by deposit account) ZIP: 11791 Country: _ DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy 9. Statement and signature. of the original document. Rod S. Turner, Esq. Date Name of Person Signing

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ASSIGNMENT AND AGREEMENT

For value received, we, Qassim Ayub Badat, 615 Limelight Court, Edison, New Jersey 08820 and Adam Craig Roseman, 578 Newtons Corner Road, Howell, New Jersey 07731 hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, 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 DETERMINING NEIGHBORING ROUTING ELEMENTS AND REROUTING TRAFFIC IN A COMPUTER NETWORK described in an application for Letters Patent of the United States, executed by me 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 AT&T Corp. 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 AT&T Corp. 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 AT&T Corp. 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 AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

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Date: Sept. 1, 2004 United States of America State of New Jerry)
County of monmouth) On this 1 day of _______, 2004, before me personally came Qassim Ayub Badat to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. ANGELA F. SMITH Notary Public Of New Jersey Commission Expires 03/06/2007 Date: 5ept 1, 2004 United States of America State of New Jersey)
County of Monnouth) On this ____ day of ______, 2004, before me personally came Adam Craig Roseman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. breela & Smith ANGELA F. SMITH Notary Public Of New Jersey Commission Expires 03/06/2007

We agree that, when requested, we shall, without charge to AT&T Corp. 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.

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RECORDED: 09/15/2004