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To the Honorable Commissioner (uments or copy thereof. 102470597 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Ranveer CHANDRA AT&T Corp. Name: Christof FETZER Internal Address: Karin HOGSTEDT

Street Address: 32 Avenue of the Americas Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: Assignment ☐ Merger

City: New York State: New York ZIP:- 10013-2412 Security Agreement Change of Name Other

Execution Date: 05/01/03; 05/02/03; 05/22/03 Additional name(s) & address(es) attached? Yes No

4. 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 05/01/03; 05/02/03; 05/22/03

A. Patent Application No 10,452708

B. Patent No. (s)

Additional numbers attached?
Yes
No

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

6. Total number of applications and patents involved: 1

Name: Mr. Samuel H. Dworetsky

7. Total fee (37 CFR 3.41) \$ 40.00

☐ Enclosed

Street Address: AT&T Corp. X Authorized to be charged to deposit account

P.O. Box 4110

8. Deposit account number: 01-2745

City: Middletown State: New Jersey ZIP: 07748-4110

(Attach duplicate copy of this page if paying by deposit account)

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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.

Ann E. Taylor

Name of Person Signing

Docket No./2001-0558 Total number of pages including cover sheet, attachments, and document: 4

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

06/11/2003 TDIAZE

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1045270 commissioner for Patents, Box Assignments Washington, D. C. 20231

> PATENT REEL: 014150 FRAME: 0389

01 FC:8021

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ASSIGNMENT AND AGREEMENT

For value received, we, Ranveer Chandra, of Ithaca in the County of Cayoga and State of New York, Christof Fetzer, of Chester in the County of Morris and State of New Jersey, and Karin Hogstedt, of Chester in the County of Morris and State of New Jersey, 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 Adaptive Topology Discovery In Communication Networks described in an application for Letters Patent of the United States, executed by us of even date herewith, and based on our prior provisional application, Serial No. 60/436,692, filed December 27, 2002, 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.

PATENT REEL: 014150 FRAME: 0390 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.

Ranveer Chandra

Date: 05 01 03

United States of America)

State of New York)ss:

County of Tonpkny)

On this _______, 2003, before me personally came Ranveer Chandra, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

RACHEL A. CLARKSON Notary Public, State of New York No. 01CL6060884

Qualified in Tompkins County Commission expires July 2, 20 23 Christof Fetzer

Date: 5/2/03

United States of America)

State of $N\sqrt{}$.)ss:

County of Morris)

On this 2 nd day of May, 2003, before me personally came Christof Fetzer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Anguel Felanical Notary Public

INGRID FILANNINO NOTARY PUBLIC OF NEW JERSEY Commission Expires 6/15/2004

| | | Karin Hogstedt |
|--------------------------|----------------------|--|
| Date: <u>5-22-2003</u> | | , |
| United States of America |) | |
| State of NEW TERSEL |)ss: | |
| County of Morris |) | |
| | be the individual of | _, 2003, before me personally came described in and who executed the the same. |

TERESA A. ADAMCZYK NOTARY PUBLIC OF NEW JERSEY Commission Expires 7/23/2007

AT&T Corp. P.O. Box 4110 Middletown, New Jersey 07748-4110

PATENT REEL: 014150 FRAME: 0393