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Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103299657

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

I. Claude Denton
Richard B. Keller

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Network Elements, Inc.

Internal Address: _____

Street Address: 9560 SW Nimbus Avenue

City: Beaverton

State: OR

Country: USA Zip: 97008

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 30, 2001

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Berkeley Law & Technology Group, LLC

Internal Address: 012.P53016C

Street Address: 1700 NW 167th Place, Suite 240

City: Beaverton

State: Oregon Zip: 97006

Phone Number: 503.439.6500

Fax Number: 503.439.6558

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 50-3703

Authorized User Name Howard A. Skaist

9. Signature:

[Signature]
Signature

8-25-01
Date

Steven J Munson, Reg. No. 42,812
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: _____

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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08/30/2006 HJHQA
01 FEB 0621

PATENT

REEL: 018220 FRAME: 0416

f-25-06

Attorney Docket No. 51040.P019

Patent

ASSIGNMENT
(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

ASSIGNOR(S): I. Claude Denton and Richard B. Keller

hereby sell, assign, and transfer to

ASSIGNEE: Network Elements, Inc.
9560 SW Nimbus Avenue
Beaverton, Oregon 97008
A corporation of Oregon.

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

METHOD AND APPARATUS FOR PROGRAMMABLE GENERATION OF TRAFFIC STREAMS

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications,

reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventor: Please indicate the date you signed the Combined Declaration And Power Of Attorney:

Inventor: Please sign and date below:

<u>7/30</u> , 2001 Date	<u>I. Claude Denton</u> Name: I. Claude Denton	<u>7/30</u> , 2001 Date
<u>7/30</u> , 2001 Date	<u>Richard B. Keller</u> Name: Richard B. Keller	<u>7/30</u> , 2001 Date
_____, 2001 Date	_____ Name:	_____, 2001 Date
_____, 2001 Date	_____ Name:	_____, 2001 Date
_____, 2001 Date	_____ Name:	_____, 2001 Date

Assignment Document Return Address:

COLUMBIA IP LAW GROUP, PC
4900 SW Meadows Road, Suite 109
Lake Oswego, Oregon 97035
503-534-2800

Attorney Docket No. 51040.P019

Patent

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METHOD AND APPARATUS FOR PROGRAMMABLE GENERATION OF TRAFFIC STREAMS

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications,

reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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_____, 2001 Date	_____ Name:	_____, 2001 Date
_____, 2001 Date	_____ Name:	_____, 2001 Date
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