

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>I. Claude Denton</td><td>07/30/2001</td></tr><tr><td>Richard B. Keller</td><td>07/30/2001</td></tr></tbody></table>	Name	Execution Date	I. Claude Denton	07/30/2001	Richard B. Keller	07/30/2001					
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I. Claude Denton	07/30/2001										
Richard B. Keller	07/30/2001										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Network Elements, Inc.</td></tr><tr><td>Street Address:</td><td>9560 SW Nimbus Avenue</td></tr><tr><td>City:</td><td>Beaverton</td></tr><tr><td>State/Country:</td><td>OREGON</td></tr><tr><td>Postal Code:</td><td>97008</td></tr></table>	Name:	Network Elements, Inc.	Street Address:	9560 SW Nimbus Avenue	City:	Beaverton	State/Country:	OREGON	Postal Code:	97008	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11532497</td></tr></tbody></table>	Property Type	Number	Application Number:	11532497							
Property Type	Number										
Application Number:	11532497										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	012.P53016C2										
NAME OF SUBMITTER:	Julianne Flynn										
Total Attachments: 2 source=JJF_012P53016C2_1#page1.tif source=JJF_012P53016C2_1#page2.tif											

CH 11532497 \$40.00

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PATENT
REEL: 018263 FRAME: 0401

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 sign and date below:

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

7/30, 2001
Date

I. Claude Denton
Name: I. Claude Denton

7/30, 2001
Date

7/30, 2001
Date

Richard B. Keller
Name: Richard B. Keller

7/30, 2001
Date

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Date

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Date

Assignment Document Return Address:

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