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| Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) RECORDATION PAT | 102405955 | RTMENT OF COMMERCE stent and Trademark Office |
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| Tab settings | | ments or copy thereof. |
| Name of conveying party(ies): Victor Hansen, Erik Landerholm, and | Name and address of receiving party(ies) Name: Network Elements, Inc. Internal Address: | |
| Samuel J. Peters II | internal Address. | |
| Additional name(s) of conveying party(ies) attached? Yes Vo | | |
| 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other | Street Address: 15425 SW Koll Parkway | |
| 03/17/2003 Execution Date: | City: Beaverton State: OR Zip: 97006 Additional name(s) & address(es) attached? Yes V No | |
| 4. Application number(s) or patent number(s): | Additional marile(s) & address(es) at | tached? Tes [F] NO |
| A. Patent Application No.(s) Additional numbers | B. Patent No.(s)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 7. Total fee (37 CFR 3.41)\$ | |
| Name: SCHWABE, WILLIAMSON & WYATT, PC Aloysius T.C. AuYeung Internal Address: | ✓ Enclosed | |
| SZEWDIE1 00000078 10393088 40.00 UP | Authorized to be charged to deposit account | |
| Street Address: Pacwest Center, Ste. 1600-1900 | 8. Deposit account number: | |
| 1211 SW Fifth Avenue | | |
| City: Portland State: OR Zip: 97204 | | |
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| 9. Signature. | | |
| Aloysius T.C. AuYeung, Reg. No. 35,432 | - N- N-/ | 03/19/2003 |
| Name of Person Signing | Signature ver sheet, attachments, and documents: | Date □∗ |

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

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Washington, D C. 20231

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): Victor Hansen, Erik Landerholm, and Samuel J. Peters II

hereby sell, assign, and transfer to

ASSIGNEE:

Network Elements, Inc. 15425 SW Koll Parkway Beaverton, Oregon 97006

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:

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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

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PATENT REEL: 013892 FRAME: 0597 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:

Assignment Document Return Address:

SCHWABE, WILLIAMSON & WYATT, P.C.

RECORDED: 03/19/2003

Pacwest Center, Suites 1600~1900

1211 SW Fifth Avenue Portland, Oregon 97204

Telephone: 503-222-9981

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