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| Name (line 1) | Dion Pike | | Execution Date Month Day Year | |
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| Second Party | | | | |
| Name (line 1) | Joseph Soetemans | | Execution Date Month Day Year | |
| Name (line 2) | | | 12/03/2001 | |
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| Name (line 1) | ALCATEL CANADA INC. | | If document to be recorded is an assignment and the | |
| Name (line 2) | | | receiving party is not domiciled in the United | |
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PATENT REEL: 012381 FRAME: 0431

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| Corresponde | nt name and Address | | | | |
| Name | Robert H. Nakano | Area Co | le and Telephone Numb | er 416.863 | 3.2785 |
| Address (line 1) | BLAKE, CASSELS & GRA | YDON LLP | | | |
| Address (line 2) | Box 25, Commerce Court W | est | | | |
| Address (line 3) | 199 Bay Street, Toronto | | | | |
| Address (line 4) | Ontario M5L 1A9 Canada | | | | |
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| Robert H. Nakar Name of Person | | nature | Dat | <u>December 11</u> | , 2001 |

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, whose names and full post addresses are set out below:

| Name | Address |
|------------------|--|
| Dion PIKE | 109 Cricket Crescent R.R. #2 Dunrobin, Ontario KOA 1TO Canada |
| Joseph SOETEMANS | 331C Craig Henry Drive Nepean, Ontario K2G 4K8 Canada |

confirm that we have agreed to sell, assign and transfer, and do hereby sell, assign and transfer to ALCATEL CANADA INC., hereinafter called the assignee, whose full post office address is 600 March Road, P.O. Box 13600, Kanata, Ontario, Canada K2K 2E6, to the assignee's successors, assigns, nominees or other legal representatives, our entire right, title, interest, property and benefit for Canada, the United States of America, and all other countries, in and to our invention relating to

SYSTEM AND METHOD FOR A CONTROL SERVICES LINK FOR A MULTI-SHELF NODE IN A COMMUNICATION SWITCH

including subject matter which is fully set forth and described in our application for Letters Patent of the United States, for which a declaration has been signed on even date herewith and including subject matter which is fully set forth and described in our application for Letters Patent of Canada, filed as Canadian Patent Application No. 2,358,037 on 09/27/01, under the same title;

together with our entire right, title, interest, property and benefit for Canada, the United States of America, and all other countries, in and to the aforementioned applications, any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-in-part, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified applications under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and

PATENTe 1 of 3
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exclusively as they would have been by us had this sale, assignment and transfer not been made;

And we hereby covenant and agree to do all such things and to execute without further consideration such further assurances, applications and other instruments as may reasonably be required by the assignee to obtain Letters Patent in Canada, the United States of America, and all other countries, for the invention, and vest the same in the Assignee;

| Signed at | Kana ta | , this |
|------------------|----------------------------|--------------------------|
| 3 rd day of Dec | ember, 2001. | |
| | | dia like |
| | | (Signature of Dion Pike) |
| | STATEMENT OF | WITNESS |
| I, MAXINE | RAYCROFT (Name of Witness) | , whose full post office |
| address is 7 Sch | EEL DRIVE, ARNPRIOR (Addre | ss of Witness) |
| | me to be the person | |
| | | (Signature of Witness) |
| | | |
| Signed at | Kanata | , this |
| 3 day of Dec | en ber , 2001. | |
| | | 1 l foctom |

(Signature of Joseph Soetemans)

STATEMENT OF WITNESS

| I, AXINE KAYCROFT , whose full post office (Name of Witness) |
|--|
| address is 7 SCHEEL DRIVE, PARIPRIOR, ONTARIO, K75368 (Address of Witness) |
| state that I was personally present and did see Joseph Soetemans who |
| is personally known to me to be the person named in the above |
| assignment, duly execute the same on the date set forth above. |

(Signature of Witness)

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RECORDED: 12/12/2001