

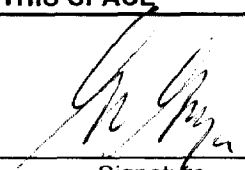
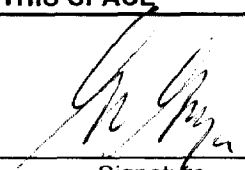
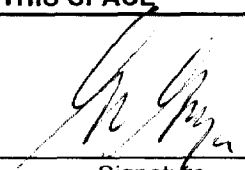


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Form PTO-1595 (Modified)		RECORDATION F FINANCE SECTION PATE		06-12-2003		MENT OF COMMERCE it and Trademark Office					
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To the Honorable Commissioner of Patents and Tradem				102470885		or copy thereof.					
1. Name of conveying party(ies): Khaled F. Refai Syed Farhan Shahid Satvinder Singh Bawa				2. Name and address of receiving party(ies) Name: <u>ALCATEL</u> Address: <u>54 rue La Boetie</u> City: <u>Paris</u> State: _____ Country: <u>France</u> Zip: <u>75008</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____											
Execution Date: <u>January 8, 2003</u>											
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: _____ A. Patent Application No. <u>10/338,659</u> Filing Date <u>9 January 2003</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Marks & Clerk</u> Address: <u>P.O. Box 957, Station B</u> City: <u>Ottawa</u> State: <u>ON</u> Country: <u>Canada</u> Zip: <u>K1P 5S7</u> Customer No: <u>23553</u>  * 2 3 5 5 3 *				6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>13-1717</u>							
DO NOT USE THIS SPACE											
9. Signature. <table border="0" style="width: 100%;"><tr><td style="width: 33%; text-align: center;">George M. MacGregor Name of Person Signing</td><td style="width: 15%; text-align: center;">37,547 Reg No.</td><td style="width: 30%; text-align: center;"> Signature</td><td style="width: 22%; text-align: center;">6 June 2003 Date</td></tr></table> Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/>								George M. MacGregor Name of Person Signing	37,547 Reg No.	 Signature	6 June 2003 Date
George M. MacGregor Name of Person Signing	37,547 Reg No.	 Signature	6 June 2003 Date								

06/11/2003 6TOM11 00000171 10338659
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A S S I G N M E N T

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 office addresses are set out below:

<u>Name</u>	<u>Address</u>
Khaled F. Refai	408-230 Woodridge Crescent Nepean, Ontario K2B 8G2 CANADA
Syed Farhan Shahid	55-D Bayshore Drive Nepean, Ontario K2B 6M7 CANADA
Satvinder Singh Bawa	9 Windgate Crescent Ottawa, Ontario K2M 2X8 CANADA

do hereby sell, assign and transfer to **ALCATEL**, hereinafter called the assignee, whose full post office address is 54, rue La Boétie, 75008 Paris, France, and to the assignee's successors, assigns 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

A NETWORK MANAGEMENT PROGRAMMABLE CONFIGURATION MANAGEMENT FRAMEWORK

including subject matter which is fully set forth and described in my application for Letters Patent of the United States of America, for which a declaration has been signed on even date herewith;

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

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;

In witness whereof, we have hereunto signed my name on the day and year set forth below.

Signature and Statement of Witness for Khaled F. Refai:

Signature of Khaled F. Refai

Signed at Ottawa, this
8th day of January, 2003.

K. Refai
(Signature of Khaled F. Refai)

Statement of Witness

I, BEBE N BONDUC, whose full post office
(Name of Witness)

address is 280 SLATER ST, STE 1800, OTTAWA, ON, CANADA, K1P 1C2
(Address of Witness)

state that I was personally present and did see Khaled F. Refai 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]
(Signature of Witness)

Signature and Statement of Witness for Syed Farhan Shahid:

Signature of Syed Farhan Shahid

Signed at OTTAWA, this
8 day of JANUARY, 2003.

[Signature]
(Signature of Syed Farhan Shahid)

Statement of Witness

I, BEIBE N BONDOR, whose full post office
(Name of Witness)

address is 280 SLATER ST, STE 1800, OTTAWA, ON, CANADA, K1P1C2
(Address of Witness)

state that I was personally present and did see Syed Farhan Shahid 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)

Signature and Statement of Witness for Satvinder Singh Bawa:

Signature of Satvinder Singh Bawa

Signed at Ottawa, this
08th day of January, 2003.

(Signature of Satvinder Singh Bawa)

Statement of Witness

I, BEIBE N BONDOR, whose full post office
(Name of Witness)

address is 280 SLATER ST, STE 1800, OTTAWA, ON, CANADA, K1P1C2
(Address of Witness)

state that I was personally present and did see Satvinder Singh Bawa 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)