Bestering	t v		Dock	et No.: 85773-463	
Patent and Trademark Office         Table services         Table birector (see Soluces)         1027436015         Table birector (see United States Patent and Trademark Office         Table birector of the United States Patent and Trademark Office         Name of conveying party((se);         Name of conveying party((se);         David STERLE         David STERLE         David STERLE         Security Agreement         Charge of Name         Other         Security Agreement         Charge of Name         Other         Execution Date: April 30, 2004         Additional name(s) & address(e)         Yes         Application Number(s) or patent numbers(s);         If this document is being filed together with a new application, the execution date of the application is: April 30, 2004         Patent Application No.         File galate         Additional numbers         Additional numbers         Application No.         File galate         Additional numbers         Additional numbers         Additional numbers         Additional numbers         StateProv:         Queber         Concerning document is being filed together	FORM PTO-1595 (Modified) (Rev. 03-01)	05-17-2004	RSHEET	U.S. DEPARTMEN	T OF COMMERCE
Tab settings + + +       10274601         To the Director of the United States Patent and Trademant Since: Prease record the attached original documents or copy thereot.         Name of conveying party(les):       5-12-04         Name of conveying party(les):       5-12-04         Dato STEELE       Site Net         Dato STEELE       Site Net         Additional names(s) of conveying party(les):       Yes Xi No         3. Nature of conveying party(les):       Yes Xi No         Additional names(s) of conveying party(les):       Yes Xi No         Security Agreement       Change of Name         Other       Country:       CANADA         ZIP: HAS 2A9       Additional name(s) & address(e):       Yes Xi No         4. Application number(s) or patent numbers(s):       /08/4333 X)       If this document is being filed together with a new application, the execution date of the application is:       April 30, 2004         Patent Application No.       Filing date       B. Patent No.(s)       Image: Yes Xi No         6. Name and address of party to whom correspondence concerning document should be mailed:       R. Total number of applications and patents involved:       Image:	OMB No. 0651-0027 (exp.5/31/2002)			Patent an	d Trademark Office
1. Name of conveying party(ies):       5 · Ø. · Ø         Nicolas BENVENUTI       5 · Ø. · Ø         David STEELE       0         Dino FATICA       2. Name and address of receiving party(ies):         Additional names(a) of conveying party(ies):       1 vis Zi No         3. Nature of conveying party(ies):       1 vis Zi No         3. Nature of conveying party(ies):       1 vis Zi No         3. Nature of conveying party(ies):       1 vis Zi No         3. Nature of conveying party(ies):       1 vis Zi No         3. Nature of conveying party(ies):       1 vis Zi No         3. Assignment       I Merger         Other       City: St-Laurent         Security Agreement       Change of Name         Other       Country: CANADA         Execution Date: April 30, 2004       Additional name(a) & additiss(cs)         4. Application number(s) or patent numbers(s):       / 0 & Ø & J J & Ø & Ø          /13/2004 #05MML 0000029 12550       10#4330 /         Name: Stephan P. Georgiev       7. Total fee (37 CFR 3.41):         Name: Stephan P. Georgiev       7. Total fee (37 CFR 3.41):				▼	▼
Nicolas BENVENUTI David STEEL       5 16 04         David STEEL       5 16 04         Additional names(s) of conveying party(les)       1 Yes 20 No         3. Nature of conveyance:       20         23. Assignment       Image: Conveying party(les)         3. Nature of conveyance:       20         24. Application Date:       April 30, 2004         4. Application number(s) or patent numbers(s):       //08/4333 Å         If this document is being filed together with a new application, the execution date of the application is:       April 30, 2004         4. Application No.       Filing date       B. Patent No.(s)         Patent Application No.       Filing date       B. Patent No.(s)         Additional numbers       1 Yes 21 No       40.00 BP         Additional numbers       1 Yes 21 No       5. Total number of applications and patents involved:       1         Name:       Stephan P. Georgiev       7. Total fee (37 CFR 3.41):	To the Director of the United States Pa	atent and Trademark Unice	: Please record the attached	d original documents or co	opy thereof.
Additional names(s) of conveying party(ses)       Ves Zl No         3. Nature of conveyance:       Security Agreement         B Assignment       Merger         Other       Change of Name         Other       Country: CANADA         ZIP: H4S 2A9         Additional name(s) & address(se)       Ves Zl No         Application number(s) or patent numbers(s):       //08/4333 Å         If this document is being filed together with a new application, the execution date of the application is:       April 30, 2004         Patent Application No.       Filing date       B. Patent No.(s)         Additional numbers       Yes Zl No       S. Name and address of party to whom correspondence concerning document should be mailed:         Name:       Stephan P. Georgiev       7. Total fee (37 CFR 3.41)	Nicolas BENVENUTI David STEELE	5.K.04	Name: NORTEL NET	WORKS LIMITED	9.0°
☑ Assignment       □ Merger         □ Security Agreement       □ Change of Name         □ Other       City: St-Laurent       State/Prov.: Quebec         Country: CANADA       ZIP: H4S 2A9         Additional number(s) or patent numbers(s):       //08//3330/         If this document is being filed together with a new application, the execution date of the application is:       April 30, 2004         AApplication No.       Filing date       B. Patent No.(s)         Patent Application No.       Filing date       B. Patent No.(s)         13/2004 A05MARI 00000029 192550       10843330 /       E. Total number of applications and patents involved:       1         13/2004 A05MARI 00000029 192550       10843330 /       FC:8021       7. Total fee (37 CFR 3.41):	Additional names(s) of conveying party(ies)	🗆 Yes 🖾 No			10/
□       Security Agreement       □       Change of Name       City: St-Laurent       State/Prov.: Quebec         □       Other	3. Nature of conveyance:				
□ Other       Country: CANADA       ZIP: H4S 2A9         Execution Date: April 30, 2004       Additional name(s) & address(es)       □ Yes ⊠ No         4. Application number(s) or patent numbers(s):       //08(4/3333)       □ Yes ⊠ No         9 Attent Application No.       Filing date       B. Patent No.(s)         7.13/2004 A05MAH1       0000029 192550       10843330         8. Date in the mailed:       1       7. Total fee (37 CFR 3.41):	🛛 Assignment	Merger			
Execution Date: April 30, 2004       Additional name(s) & address(es)       □ Yes ☑ No         4. Application number(s) or patent numbers(s):       //08/4/3330/       □ Yes ☑ No         9 Atom Application No.       Filing date       B. Patent No.(s)         9 Patent Application No.       Filing date       B. Patent No.(s)         13/2004 4058441       0000029 192550       10843330 /         713/2004 4058441       0000029 192550       10843330 /         6. Total numbers       □ 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         Name: Stephan P. Georgiev       7. Total fee (37 CFR 3.41):	Security Agreement	Change of Name	City: St-Laurent	State/Prov	.: Quebec
4. Application number(s) or patent numbers(s):       ////////////////////////////////////	Other		Country: CANADA	ZIP: <u>H4S</u>	2A9
If this document is being filed together with a new application, the execution date of the application is: April 30, 2004         Patent Application No.       Filing date         Patent Application No.       Filing date         Additional numbers       B. Patent No.(s)         Additional numbers       Yes ⊠ No         Statement and signature.       6. Total number of applications and patents involved: 1         Name:       State/Prov.: Quebec         City:       Mantreal         Statement and signature.       ZIP: H3B 4W5         Attach duplicate copy of this page if paying by deposit account)         Do Nor Use THIS SPACE         Attach duplicate copy of this page if paying by deposit account)         May 11, 2004         Name of Person Signing	Execution Date: April 30, 2004		Additional name(s) & address	(es)	🛛 No
5. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents involved: 1         Name:       Stephan P. Georgiev       7. Total fee (37 CFR 3.41):\$ 40.00         Registration No.       37, 563       Ø. Total fee (37 CFR 3.41):\$ 40.00         Address:       SMART & BIGGAR       Ø. Total fee (37 CFR 3.41):\$ 40.00         1000 de la Gauchetiere Street West       Ø. Enclosed - Any excess or insufficiency should be credited or debited to deposit account         Suite 3400       8. Deposit account number:         City:       Montreal       State/Prov.: Quebec         Country:       CANADA       ZIP: H3B 4W5         O NOT USE THIS SPACE       ONOT USE THIS SPACE         Astament and signature.       To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.         Stephan P. Georgiev, Reg. No. 37,563       May 11, 2004         Name of Person Signing       Signature       Date					
concerning document should be mailed:   Name:   Stephan P. Georgiev   Registration No.   37, 563   Address:   SMART & BIGGAR   1000 de la Gauchetiere Street West   Suite 3400   City:   Montreal   City:   Montreal   Country:   CANADA   ZIP:   H3B 4W5   O NOT USE THIS SPACE O NOT USE THIS SPACE O NOT USE THIS SPACE Do NOT USE THIS SPACE Name of Person Signing Signature Date	Patent Application No.         Filing of           /13/2004 ADSMAN1 00000029 192550         10843330	date		application is: <u>April 3</u>	0, 2004
Registration No.       37, 563         Address:       SMART & BIGGAR         1000 de la Gauchetiere Street West <ul> <li>Authorized to be charged to deposit account</li> <li>Authorized to be charged to deposit account</li> <li>Buite 3400</li> <li>City: Montreal</li> <li>State/Prov.: Quebec</li> <li>Country: CANADA</li> <li>ZIP: H3B 4W5</li> <li>Attach duplicate copy of this page if paying by deposit account)</li> </ul> Do Not Use THIS SPACE           Statement and signature.           To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.           Stephan P. Georgiev, Reg. No. 37,563           Name of Person Signing	Patent Application No. Filing of 713/2004 AOSMAN1 00000029 192550 10843330 FC:8021 40.00 OP	date 0 / Additional numbers	B. Patent No.(s)	application is: <u>April 3</u>	0, 2004
Registration No.       37, 563         Address:       SMART & BIGGAR         1000 de la Gauchetiere Street West <ul> <li>Authorized to be charged to deposit account</li> <li>Authorized to be charged to deposit account</li> <li>Beposit account number:</li> <li>19-2550</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul> O NOT USE THIS SPACE <ul> <li>Authorized to correct and any attached copy is a true copy of the original document.</li> <li>Stephan P. Georgiev, Reg. No. 37,563</li> <li>Name of Person Signing</li> </ul> <ul> <li>Bignature</li> <li>Bignature</li> <li>Bignature</li> <li>Date</li> <li>Date</li> </ul>	Patent Application No.         Filing of           /13/2004 A0SMAN1 00000029 192550 10843330         FC:8021 40.00 OP           FC:8021 40.00 OP         40.00 OP           5. Name and address of party to whom comparison of party to whom c	date  Additional numbers  orrespondence	B. Patent No.(s)		
1000 de la Gauchetiere Street West <ul> <li>Authorized to be charged to deposit account</li> <li>Suite 3400</li> <li>Beposit account number:</li> <li>City: Montreal</li> <li>State/Prov.: Quebec</li> <li>19-2550</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul> <li>Do Not Use This space</li> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</li> <li>Stephan P. Georgiev, Reg. No. 37,563         <ul> <li>May 11, 2004</li> <li>May 11, 2004</li> <li>Date</li> </ul> </li>	Patent Application No.       Filing of         /13/2004 A0SMAN1       00000029 192550       10843330         FC:8021       40.00 0P         5. Name and address of party to whom carconcerning document should be mailed	date Additional numbers orrespondence d:	B. Patent No.(s)	ations and patents invo	
Suite 3400       8. Deposit account number:         City: Montreal       State/Prov.: Quebec       19-2550         Country: CANADA       ZIP: H3B 4W5       (Attach duplicate copy of this page if paying by deposit account)         Do NOT USE THIS SPACE       Do NOT USE THIS SPACE         Statement and signature.       To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.       May 11, 2004         Stephan P. Georgiev, Reg. No. 37,563       May 11, 2004       Date	Patent Application No.       Filing of         713/2004 A0SMAN1 00000029 192550 10843330         FC:8021 40.00 0P         5. Name and address of party to whom car         concerning document should be mailed         Name: <u>Stephan P. Georgiev</u> Registration No. <u>37, 563</u>	date Additional numbers orrespondence d:	<ul> <li>B. Patent No.(s)</li> <li>Yes X No</li> <li>Fotal number of applicant</li> <li>Total fee (37 CFR 3.41</li> <li>Enclosed - Any exception</li> </ul>	ations and patents invo ):\$ <u>40.00</u> cess or insufficiency sh	lved: 1
City:       Montreal       State/Prov.:       Quebec       19-2550         Country:       CANADA       ZIP:       H3B 4W5       (Attach duplicate copy of this page if paying by deposit account)         DO NOT USE THIS SPACE       DO NOT USE THIS SPACE       DO NOT USE THIS SPACE         Statement and signature.       To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.       May 11, 2004         Stephan P. Georgiev, Reg. No. 37,563       May 11, 2004       Date	Patent Application No.Filing of13/2004 A0SMAN100000029 19255010843330FC:802140.00 0P5. Name and address of party to whom concerning document should be mailedName:Stephan P. GeorgievRegistration No.37, 563	date Additional numbers orrespondence d:	<ul> <li>B. Patent No.(s)</li> <li>Yes X No</li> <li>6. Total number of applica</li> <li>7. Total fee (37 CFR 3.41</li> <li>X Enclosed - Any exactle or debited</li> </ul>	ations and patents invo ):\$ <u>40.00</u> cess or insufficiency sho to deposit account	lved: 1
Country:       CANADA       ZIP:       H3B 4W5       (Attach duplicate copy of this page if paying by deposit account)         DO NOT USE THIS SPACE       DO NOT USE THIS SPACE         D. Statement and signature.       To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.         Stephan P. Georgiev, Reg. No. 37,563       May 11, 2004         Name of Person Signing       Signature	Patent Application No.       Filing of         713/2004 A0SMAN1 00000029 192550 10843330         FC:8021 40.00 0P         5. Name and address of party to whom concerning document should be mailed         Name:       Stephan P. Georgiev         Registration No.       37, 563         Address:       SMART & BIGGAR	date Additional numbers orrespondence d:	<ul> <li>B. Patent No.(s)</li> <li>Yes X No</li> <li>6. Total number of applica</li> <li>7. Total fee (37 CFR 3.41</li> <li>X Enclosed - Any exactle or debited</li> </ul>	ations and patents invo ):\$ <u>40.00</u> cess or insufficiency sho to deposit account	lved: 1
DO NOT USE THIS SPACE         To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.         Stephan P. Georgiev, Reg. No. 37,563         Name of Person Signing	Patent Application No.       Filing of         /13/2004 A0SMAN1 00000029 192550 10843330         FC:8021 40.00 0P         5. Name and address of party to whom concerning document should be mailed         Name:       Stephan P. Georgiev         Registration No.       37, 563         Address:       SMART & BIGGAR         1000 de la Gauchetiere Street West	date  Additional numbers  orrespondence d:	<ul> <li>B. Patent No.(s)</li> <li>Yes X No</li> <li>6. Total number of applica</li> <li>7. Total fee (37 CFR 3.41</li> <li>X Enclosed - Any exc credited or debited</li> <li>Authorized to be cf</li> </ul>	ations and patents invo ):\$ <u>40.00</u> cess or insufficiency shi to deposit account narged to deposit account	lved: 1
B. Statement and signature.         To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.         Stephan P. Georgiev, Reg. No. 37,563         Name of Person Signing	Patent Application No.       Filing of         /13/2004 A0SMAN1 00000029 192550 10843330         FC:8021       40.00 0P         5. Name and address of party to whom carconcerning document should be mailed         Name:       Stephan P. Georgiev         Registration No.       37, 563         Address:       SMART & BIGGAR         1000 de la Gauchetiere Street West         Suite 3400	date  Additional numbers  orrespondence d:	<ul> <li>B. Patent No.(s)</li> <li>Yes X No</li> <li>6. Total number of applica</li> <li>7. Total fee (37 CFR 3.41</li> <li>X Enclosed - Any exacredited or debited</li> <li>Authorized to be ch</li> <li>3. Deposit account number</li> </ul>	ations and patents invo ):\$ <u>40.00</u> cess or insufficiency shi to deposit account narged to deposit account	lved: 1
Name of Person Signing	Patent Application No.       Filing of         /13/2004 A0SMAN1 00000029 192550 10843330         FC:8021 40.00 OP         5. Name and address of party to whom concerning document should be mailed         Name:       Stephan P. Georgiev         Registration No.       37, 563         Address:       SMART & BIGGAR         1000 de la Gauchetiere Street West         Suite 3400         City:       Montreal	date          Additional numbers         orrespondence         d:         te/Prov.:       Quebec	<ul> <li>B. Patent No.(s)</li> <li>Yes X No</li> <li>6. Total number of applicant of applicant of applicant of applicant of applicant of the second structure of the second st</li></ul>	ations and patents invo ):\$ <u>40.00</u> cess or insufficiency shi to deposit account harged to deposit accou	lved: 1 ould be unt
	Patent Application No.       Filing of         /13/2004 A0SMAN1 00000029 192550 10843330         FC:8021       40.00 0P         5. Name and address of party to whom carconcerning document should be mailed         Name:       Stephan P. Georgiev         Registration No.       37, 563         Address:       SMART & BIGGAR         1000 de la Gauchetiere Street West         Suite 3400         City:       Montreal         Statement and signature.         To the best of my knowledge and belief of the original document.	date          Additional numbers         Additional numbers         orrespondence         d:         te/Prov.:       Quebec         :       H3B 4W5         DO NOT US	<ul> <li>B. Patent No.(s)</li> <li>Yes X No</li> <li>6. Total number of applicant</li> <li>7. Total fee (37 CFR 3.41</li> <li>X Enclosed - Any exact credited or debited</li> <li>Authorized to be ch</li> <li>B. Deposit account number</li> <li>19-2550</li> <li>(Attach duplicate copy of the copy</li></ul>	ations and patents invo ):\$ <u>40.00</u> cess or insufficiency shi to deposit account harged to deposit account er: his page if paying by deposit <i>I any attached copy is a</i>	lved: 1 ould be unt account)

REEL: 015321 FRAME: 0993

FILE NO. 85773-463	PATENT APPLICATION
United States of America	ASSIGNMENT

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, we the undersigned, whose full post office addresses are listed below our names, do hereby sell, assign and transfer to:

## NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel St. Laurent, Quebec Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

## METHOD AND APPARATUS FOR ROUTING A VIRTUAL CONCATENATION GROUP IN A NETWORK

as described in an application for letters patent filed concurrently herewith, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

We undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of SMART & BIGGAR whose full office address is 1000 de La Gauchetière St. West, Suite 3400, Montreal, H3B 4W5, CANADA to correct elerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

Nicolas BENVENUTI 117 Inverary Dr. Kanata, Ontario K2K 2R9 CANADA

Witness Signature

30, 2004

Witness Name (Print)

David STEELE 58 Aintres Place Kanata, Ontario K2M 2G6 CANADA

•

Witness/Signature

Dino FATICA 1101 D Falaise Rd. Nepean, Ontario K2E 6P9 <u>CANADA</u> Signaty Witness

Apr: 30 ,2004

Terry Witness Name (Print)

April 30 2004

Vitness Name (Print

PATENT REEL: 015321 FRAME: 0995

**RECORDED: 05/12/2004** 

.