HEET U.S. DEPARTMENT OF COMMERCE

REEL: 012518 FRAME: 0655

(Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	Y Resubm U.S. Patent and Trademark Office
Tab settings ⇔ ⇔ ♥ ▼	V V V
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Albert G. Law, Jr. December 8, 1998 Jecember 8, 1998 December 11, 1998 December 11, 1998 December 11, 1998 December 12 Additional name(s) of conveying party(ies) attached? Yes Yes	2. Name and address of receiving party(ies) Name: Northern Telecom Limited Internal Address: World Tradecenter of Montreal
3. Nature of conveyance:	
Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Street Address: 380 St. Antoine Street, West 8th Floor
Execution Date: 12/08/1998; 12/08/1998; and 12/11/1998	City: Montreal, CANADA State: Quebec Zip: H2Y 3Y4 Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new appli	ication, the execution date of the application is:
A. Patent Application No.(s) 09/213,682	B. Patent No.(s)
Additional numbers at	l tached? ☐ Yes ☒ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: David L. McCombs	7. Total fee (37 CFR 3.41)\$_40.00
Internal Address: Haynes and Boone, LLP	Enclosed
	Authorized to be charged to deposit account
Street Address: 901 Main Street, Suite 3100	8. Deposit account number:
Silver Address. John Main Strong Strategy	08-1394
City: Dallas State: Texas Zip: 75202	(Attach duplicate copy of this page if paying by deposit accounts
DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing	লৈ কিবলৈ আৰু and correct and any attached cৰ্ক্স
is a true copy of the original document. David L. McCombs, #32,271	12-NOV 200) 8
Name of Person Signing	Signature Date
Total number of pages including cov Mail documents to be recorded wit	er sheet, attachments, and documents: 6

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Form **PTO-1595**

PATENT DOCKET NUMBER: 22171.69

- PATENTS

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or copy there	of:		
1. Name of o	conveying party(ies):	2. Name and address of receiving party	
Michael Thomas		Northern Telecom Limited	1526 U.S. PTO 09/213682
	nas	World Trade Center of Montreal 380 St Antoine Street West, 8th floor	.83
		Montreal, Quebec H2Y 3Y4 CANADA	36
			52
		Additional name(s) & address(es) attached?	30
		Yes <u>XXX</u> No	<u>5</u>
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3. Nature of	conveyance: XXX Assignment	Execution Date: 12-11-98	-
4. Application	on or patent number(s):		
A. Patent Ap	plication No.(s):	B. Patent No.(s):	
	(-)	、 ,	
5. Name and	d address of party to whom	6. Total number of applications and patents	s
correspondence concerning document should		involved: 1	
be mailed:		7. Total fee (37 CFR 3.41): \$ 40.00	
David L. McC	Combs	7. Total lee (37 GFR 3.41). \$\psi _40.00_	
Haynes and I		X Enclosed	
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901 Main Stre		00 1201	
Dallas, TX 75	202-3789	8. Deposit account number: 08-1394 (Duplicate copy of this sheet is attached)	
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PATENT
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ASSIGNMENT

WHEREAS, the undersigned inventors, hereinafter called the "Assignor", has invented a new and useful invention entitled:

METHOD AND APPARATUS TO EXTEND THE FAULT-TOLERANT ABILITIES OF ANODE INTO A NETWORK

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

WHEREAS, NORTHERN TELECOM LIMITED, a Canadian company having a principal office and place of business at, World Trade Center of Montreal, 380 St Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4, Canada hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and application herein above identified, and any Letters Patent that may issue for the said invention, and all divisions, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patent for the said invention may issue.

FURTHER, be it known that the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

- 1 -

And the Assignor does hereby covenant and agree, for himself and his legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignor has hereunto set his hands on the date indicated below.

Dated:	(2/8/48	autator
	· (- / · ·	Albert G. Law, Jr.

Dated: 12/8/48

Dated: /2/11/

d-593138.1

RECORDED: 01/18/2002