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FORM PTO-1505 (Rev. 9-93)		RECORDATION FORM COVER SHEET		U.S. Department of Commerce	
OMB No. 0651-0011 (exp. 4-94)		PATENTS ONLY		Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.					
1. Name of conveying party(ies): Gareth P. O'Loughlin, Michel J.P. Patoine and J. Morgan Smail Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: Newbridge Networks Corp Internal Address: Street Address: 600 March Road City: Kanata State: Ont, Canada Zip: K2K 2E6 Additional name(s) & address(es) 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: August 26, 1998					
4. Application number(s) or registration number(s): Atty No: 1400.01218 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): 09/087,331 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: Timothy W. Markison Markison & Reckamp, P.C. 175 West Jackson Boulevard - Suite 1015 City: Chicago State: Illinois Zip: 60604			6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account if check insufficient or inadvertently omitted 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div> Timothy W. Markison Name of Person Signing, Reg. No. 33,534 </div> <div> Signature </div> <div> 11/9/98 Date </div> </div>					
Total number of pages including cover sheet, attachments and documents: 3					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Office of Public Records,
Crystal Gateway 4, Room 335, Washington, D.C. 20231

PATENT
REEL: 9657 FRAME: 0688

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between the inventor(s) Gareth P. O'Loughlin, Michel J.P. Patoine and J. Morgan Smail (herein after referred to as the Inventor) and Newbridge Networks Corporation having a place of business at 600 March Road, Kanata, Ontario Canada K2K 2E6 (herein after referred to as the Assignee).

WHEREAS, Inventor has caused to be prepared a United States Patent Application in the Inventor's name entitled Method and Apparatus for Managing Data Transportation having a docket number of 1400.01218 (herein after referred to as the Patented Invention); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Patented Invention.

NOW, THEREFORE, the parties agree as follows:

1. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in the Patented Invention and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.
2. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in any foreign (non U.S.) national patent application, invention registration, or equivalent (Foreign Applications), claiming approximately the same subject matter of the Patented Invention to the Assignee.
3. In consideration for the sum of one dollar (\$1) U.S. (or its equivalent) and other consideration for which both parties acknowledge to be valuable, having been conveyed to the Inventor by the Assignee for the sale, assignment, and transfer of the Patented Invention and Foreign Applications. Consideration may include at least one of: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.
4. Inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the patent for the Patented Invention, and all resulting patents therefrom, insofar as Inventor's interest is concerned, to the Assignee.
5. The Inventor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the Assignee.

I hereby Timothy W. Markison, Registration No. 33,534, Christopher J. Reckamp, Registration No. 34,414, Paul Anderson, Patent Agent, Registration No. 39,896, Raffi Gostanian, JR, Patent Agent, Registration No. P-42,595, all attorneys (or agents) with the firm of MARKISON & RECKAMP, P.C. having its principal place of business at 175 W. Jackson Blvd.—Suite 1015, Chicago, Illinois 60604, as my attorneys, with full power of substitution and revocation, to prosecute this patent application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities under the Patent Cooperation Treaty, and I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct them in writing to the contrary.

Please address all correspondence and direct all telephone calls to:

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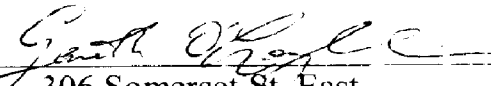
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of this patent application or any patent issued thereon.

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