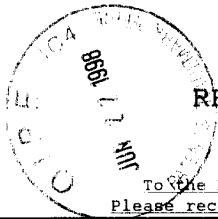


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(REV. 6-93)



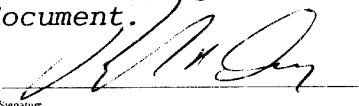
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

:T

Our Docket No.: 12579

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Andrew Raines Hillson, Alfred Chow, Douglas Brock Dickie, Michael George Manson, John Maurice McDonald, James Marshall Judd, Nick Isgro and Bernard Gerald Jansen</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>2. Name and address of receiving party(ies) Name: <u>NORTHERN TELECOM LIMITED</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>P. O. Box 6123, Station A</u> City: <u>Montreal, Quebec</u> State _____ Canada Zip: <u>H3C 3J5</u></p> <p>Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment _____ Merger _____ <input type="checkbox"/> Security Agreement _____ Change of Name _____ <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>4/27/98; 4/29/98; 4/29/98; 5/27/98; 6/2/98; 6/3/98; 6/1/98; 5/29/98, respectively</u></p>	
<p>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: _____ Title: PUBLIC COMMUNICATIONS SERVICES VENDING METHOD AND APPARATUS</p> <p>A. Patent Application No.(s) _____ B. Patent No.(s) _____</p> <p>08/928,519 filed: 09/12/97</p> <p>Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Ralph A. Dowell</u> Internal Address: _____ Street Address: <u>Suite 705, 2001 Jefferson Davis Highway Arlington, VA 22202 (703) 415-2555</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37CFR 3.41).....\$<u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)</p>
<p>40.00 UP DO NOT USE THIS SPACE</p>	
<p>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></p> <p><u>Ralph A. Dowell 26,868</u>  <u>06/22/1998</u> Name of Person Signor Signature Date</p> <p>Total number of pages including cover sheet, attachments and document: <u>2</u> PATENT</p>	

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REEL: 9264 FRAME: 0593

ASSIGNMENT

NORTHERN TELECOM LIMITED

For value received, I (we) the undersigned, whose full post office address(es) is (are) adjacent my (our) name(s), hereby sell, assign and transfer to:

NORTHERN TELECOM LIMITED

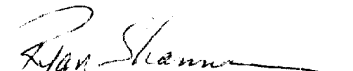
whose full post office address is:

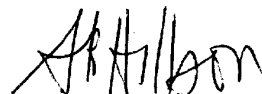
**PO BOX 6123, STATION A. MONTREAL
QUEBEC, CANADA H3C 3J5**

its successors, assigns and legal representatives, the entire right, title and interest, including priority rights, for all countries, in and to certain inventions relating to:

PUBLIC COMMUNICATIONS SERVICES VENDING METHOD AND APPARATUS

set forth in an application for letters patent of the United States of America filed September 12, 1997, application serial number 08/928,519, and all rights and privileges under any and all letters patent that may be granted for said inventions.


Witness' Signature


Andrew Raines Hillson
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Date: April 27/98
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Andrew Hillson
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Dorothy Bernard
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DOROTHY BERNARD
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Robin
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Colin Foster
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[Signature] Date: April 29/98
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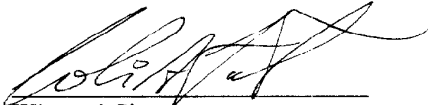
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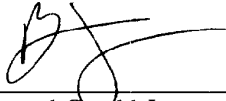
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Witness' Signature



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Date: 5/29/98

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