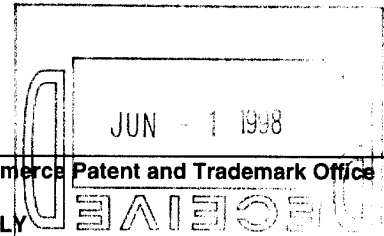


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06-18-1998



FORM PTO-1595
Attorney Docket Number: ID0859



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To the Assistant Commissioner for Patents, please record the attached original documents or copy thereof.

<p>1. Name of the conveying party(ies): Kim Marie Vonder Haar Philip Hodgson</p> <p>Additional name(s) and address(es)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of receiving party(ies): Name: Northern Telecom Limited Address: World Trade Center of Montreal 380 St. Antoine Street West, 8th Floor City: Montreal State: Quebec Zip: H2Y 3Y4 Country: Canada</p> <p>Additional name(s) and address(es)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **March 19, 1998 and April 25, 1998**

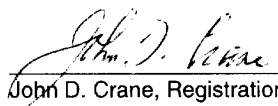
4. Application number(s) or patent number(s):
 This document is being filed together with a new application. Execution date of the application: _____

A. Patent Application No.(s) **09/049,708** B. Patent No.(s)
Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: John D. Crane Northern Telecom Address: Patent Department PO Box 832130 City: Richardson State: TX Zip: 75083-2130 Country: USA</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Amount of fee enclosed or authorized to be charged: \$40</p> <p>8. Deposit Account No.: 50-0210</p>
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06/17/1998 INBUYEN 00000229 500210 09049708 **DO NOT USE THIS SPACE**
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9. 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.

Date May 22, 1998 
John D. Crane, Registration No. 25,231 Page 1 of 3

ASSIGNMENT NORTHERN TELECOM LIMITED

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

the address of whose registered office is: **NORTHERN TELECOM LIMITED**
World Trade Center of Montreal,
380 St. Antoine Street West, 8th floor,
Montreal, Quebec
Canada H2Y 3Y4

(hereinafter called "Nortel"), its successors, assigns and legal representatives, the entire right, title and interest for all countries, including any and all priority rights, in and to certain inventions relating to

A METHOD FOR OUTPUTTING USER FEEDBACK AUDIO MESSAGES AND TELECOMMUNICATIONS EQUIPMENT EMPLOYING SAID METHOD


identified in Nortel's records as ID 0859 and set forth in an application for letters patent of the United States of America Serial Number _____ filed on _____,

and all rights and privileges under any and all letters patent in all countries that may be granted for said inventions, to the intent that any such patent or other intellectual property protection shall be issued to Nortel alone or to its successors, assigns or legal representatives.


I (We) undertake without charge 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 other intellectual property protection for said inventions in any and all countries and to vest title thereto in Nortel, its successors, assigns or legal representatives.

I (We) agree that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent or the like which may be required in any country for any purpose and more particularly in proof of the irrevocable right of Nortel, its successors, assigns and legal representatives to apply for and maintain patent or other intellectual property protection for said inventions in any and all countries and to claim the benefit of any right of priority.

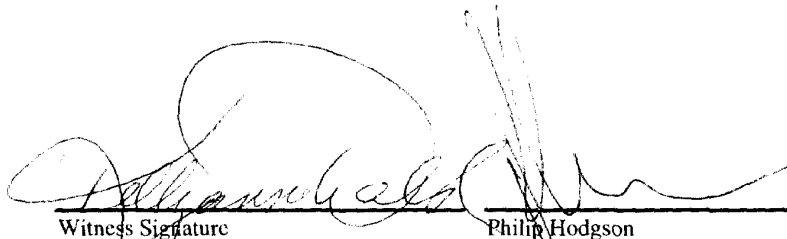
This Assignment does not form part of a larger transaction or series of transactions in respect of which the amount or value or aggregate amount or value of the consideration exceeds £60,000.

 Date: 19 Mar '98
Witness Signature Kim Marie Vonder Haar Assignor

Mrs R.J.V. Roggevels
Witness Name (print) 27 Lawrence Moorings
Sheering Mill Lane
Sawbridgeworth
Herts CM21 9PE
United Kingdom

Acknowledged Northern Telecom Limited  Date: 6 May 98
Mark Charles Dennis
Director Patents
Authorised Signatory

Additional Assignors on attached Page 2

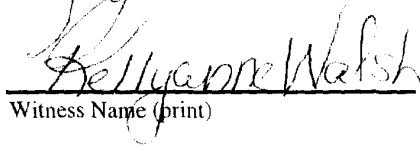


Date: 4/25/98

Witness Signature

Philip Hodgson
10155 West Sunrise Blvd (306)
Plantation
Florida FL33322
United States of America

Assignor



Witness Name (print)