

09-22-1999

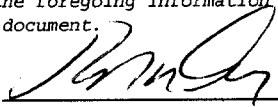
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Please record the attached original documents or copy thereof.

Our Docket No.: 13163NP

<p>1. Name of conveying party(ies): Yuriy Zakharov, Sergey Fedorov, Galina Titova</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>BELL-NORTHERN RESEARCH LTD.</u> Street Address: <u>P. O. Box 3511, Station C</u> City: <u>Ottawa, Ontario</u> State Canada zip: <u>K1Y 4H7</u></p> <p>Additional name(s) &amp; address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>December 16, 1997</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: <u>July 27, 1999</u> Title: <u>METHOD AND APPARATUS FOR PERFORMING SPECTRAL PROCESSING IN TONE DETECTION</u></p> <p>A. Patent Application No.(s) _____ B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</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 309, 1215 Jefferson Davis Highway Arlington, VA 22202-3124</u> <u>(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> <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>
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<p>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.</p> <p><u>Ralph A. Dowell 26,868</u>  <u>7/27/99</u> Name of Person signing Signature Date</p> <p>Total number of pages including cover sheet, attachments and document: <u>3</u></p>	

Mail documents to be recorded with required cover sheet information to:  
Commission of Patent & Trademarks, Box Assignments  
Washington, D.C. 20231

# ASSIGNMENT BELL-NORTHERN RESEARCH LTD.

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:

**BELL-NORTHERN RESEARCH LTD.**

whose full post office address is: P.O. Box 3511, Station C, Ottawa,  
Ontario, Canada K1Y 4H7

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:

**METHOD AND APPARATUS FOR PERFORMING SPECTRAL PROCESSING IN TONE DETECTION**

set forth in a PCT application for letters patent in the Russian Federation

Serial No. PCT/RU97/00377, filed November 27, 1997

and all rights and privileges under any and all letters patent that may be granted for said inventions.

Celine Monchamp  
Witness Signature

Yuriy ZAKHAROV

Date 12/16/1997  
Assignor

Celine Monchamp  
Witness Name (print)

146 - 27 Mira Avenue  
Moscow, RUSSIA, 129366

Celine Monchamp  
Witness Signature

Sergey FEDOROV

Date 12/16/1997  
Assignor

Celine Monchamp  
Witness Name (print)

80 - 167 Horoshovskoe Street  
Moscow, RUSSIA, 123007

Celine Monchamp  
Witness Signature

Galina TITOVA

Date 12/16/1997  
Assignor

Celine Monchamp  
Witness Name (print)

6 - 20 Dubrovskaya Street  
Moscow, RUSSIA, 109044

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Date  
Assignor

\_\_\_\_\_  
Witness Name (print)

\*\*\* Intervention on attached Page 2

INTERVENTION

To this assignment, SONET, whose full post office address is 10 Bolshaia Gruzinskaia, Moscow, Russia, intervenes to confirm that the three inventors named above have the right to assign to BELL-NORTHERN RESEARCH LTD. their right, title and interest in the above-identified invention, to confirm that SONET has no right in the said invention, and to assign to BELL-NORTHERN RESEARCH LTD. all the right, title and interest that SONET may have in the said invention.

Signed at Moscow, this 5 day of January 1998  
by its duly authorized officers.

SONET

by: 

name: FELIX FRIMAN  
title: Deputy Director

by: \_\_\_\_\_

name:  
title: