

09-18-1998



FORM PTO-1595

100832615

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.: RN-1120

RECORDATION COVER SHEET  
PATENTS ONLY

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

1. Name of conveying party(ies):

Full Name of Inventor: Kenneth David Kovarik

2. Name and Address of receiving party(ies):

Name: Northern Telecom Limited

Address: World Trade Center of Montreal  
380 St. Antoine Street West, 8<sup>th</sup> floor  
City: Montreal

State: Quebec Zip: H2Y 3Y4 Country: Canada

Additional name(s) and address(es)? Yes  No

Additional name(s) & address(es) attached? Yes  No

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: September 8, 1998

4. Application number(s) or patent number(s).

This document is being filed together with a new application.

Execution date of the application: September 8, 1998  
Title: Method and Apparatus within a Switch for Performing Circular Hunts with a Window  
Docket No: RN-1120

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes  No

Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Northern Telecom Limited  
Address: Patent Department  
PO Box 13828  
City: Research Triangle Park  
State: NC Zip: 27709-3828

6. Number of applications and patents involved: 1

7. Amount of fee enclosed or authorized to be charged: **\$40**

8. Deposit Account No: 50-0210

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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.

9/9/98  
Date

*Steven B. Phillips*  
Steven B. Phillips, Reg. No. 37,911

MR 9-9-98

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0915/1998 JWSHMB 040005 50210

## ASSIGNMENT

**WHEREAS**, the undersigned inventor(s), hereinafter called the "Assignor", has invented a new and useful invention entitled:

### **Method and Apparatus within a Switch for Performing Circular Hunts with a Window**

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, 8<sup>th</sup> 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 the application herein above identified, and all Letters Patents 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 Patents 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.

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 hereinbefore 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 Patents herein contemplated; 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: 8 Sept 98

Kenneth David Kovarik  
Kenneth David Kovarik