

06-26-1998

Docket No. 0267AD-RR2267

MRP 6-11-98



100747977

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

10523 U.S. PTO  
09/096426  
06/11/98

## 1. Name of conveying party(ies):

Yuqiang Tang  
Roderick Djurkovic

## 2. Name and address of receiving party(ies):

Northern Telecom Limited  
380 St. Antoine Street West, 8th Floor  
Montreal, Quebec H2Y 3Y4  
Canada

## 3. Nature of conveyance:

☒ Assignment

Execution Date: June 1, 1998; June 10, 1998

## 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 \_\_\_\_\_

## A. Patent Application No.(s)

Serial No. 60/052,886

Filed: 07/17/97

09/096426

## B. Patent No.(s)

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

Andrew J. Dillon  
Registration No. 29,634  
FELSMAN, BRADELY, GUNTER  
& DILLON, L.L.P.  
Suite 350 Arboretum Point  
9505 Arboretum Boulevard  
Austin, Texas 78759

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

☐ Authorized to be charged to deposit account

☒ Enclosed is a check for \$40.00

8. Deposit account number: 06-0580

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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.

Julianne Kohrs  
Name of Person Signing

Julianne Kohrs  
for Felsman, Bradley,  
Gunter & Dillon, LLP

06-11-98  
Date

Total number of pages including cover sheet: 5

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Assistant Commissioner of Patents  
Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 9261 FRAME: 921

06/22/1998 JWS/HMS 00000002 09096426 40.00

00 FC:561

## ASSIGNMENT

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

### **METHOD AND SYSTEM FOR SOLVING CELLULAR COMMUNICATIONS FREQUENCY PLANNING PROBLEM**

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 Patent 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.

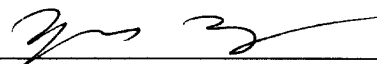
**FURTHER**, be it known that the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right 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 herein before 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 Patent 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 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: 6-1-98

  
\_\_\_\_\_  
Yuqiang Tang  
Y.T. YUQIANG TANG  
6-1-98

Dated: \_\_\_\_\_

\_\_\_\_\_  
Roderick Djurkovic

RR2267

## **ASSIGNMENT**

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

### **METHOD AND SYSTEM FOR SOLVING CELLULAR COMMUNICATIONS FREQUENCY PLANNING PROBLEM**

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 Patent 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.

RR2287



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 herein before 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 Patent 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 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: 6-1-98

Dated: 6-10-98

  
Yudiang Tang  
K.T. YUDIANG TANG  
6-1-98  
  
Roderick Durkovic