

Tab settings

MIND
12/1/99

RECOF

12-15-1999



101222264

ET

555255-012-079

To the Honorable Commissioner of Patents and Trademarks, 101222264 original documents or copy thereof.

1. Name of conveying party(ies):

Dean McArthur
Jim Reilly

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Research In Motion Limited

Internal Address: _____

Street Address: 295 Phillip Street

Waterloo, Ontario, CANADA N2L 3W8

City: _____ State: _____ ZIP: _____

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

1-525 U.S. P.
09/452623
12/01/99

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 11/19/99; 11/23/99

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: 11/19/99
11/23/99

A. Patent Application No.(s)

B. Patent No.(s)

09/452623

Additional numbers attached? Yes No

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

Name: David B. Cochran, Esq.
Jones, Day, Reavis & Pogue
Internal Address: _____

Street Address: North Point

901 Lakeside Avenue

City: Cleveland State: OH ZIP: 44114

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

10-1202

[for any deficiency in fees]
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Deborah A. Satoran
Name of Person Signing

Deborah A. Satoran
Signature

11/30/99
Date

Total number of pages including cover sheet, attachments, and document: 7

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

SIGNAL ENHANCEMENT FOR VOICE CODING

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 555255012079.


WHEREAS, RESEARCH IN MOTION LIMITED, a corporation of CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA N2L 3W8, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: November 23, 1999



Dean McArthur
4172 Bianca Forest Drive
Burlington, Ontario L7M 4L4
CANADA

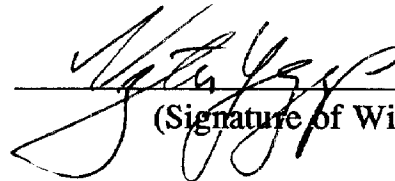
STATEMENT BY WITNESS

I, VYTAŠ KEZYŠ, whose full Post Office address is
(Name of Witness)

24 HACKNEY CRT., ANCASTER ON., CANADA
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: NOV 23/99



(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: _____

Jim Reilly
77 Mountain Avenue
Hamilton, Ontario L8P 4G3
CANADA

STATEMENT BY WITNESS

I, _____, whose full Post Office address is
(Name of Witness)

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: _____

(Signature of Witness)

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

SIGNAL ENHANCEMENT FOR VOICE CODING

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 555255012079.

WHEREAS, RESEARCH IN MOTION LIMITED, a corporation of CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA N2L 3W8, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: _____

Dean McArthur
4172 Bianca Forest Drive
Burlington, Ontario L7M 4L4
CANADA

STATEMENT BY WITNESS

I, _____, whose full Post Office address is
(Name of Witness)

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: Nov 19 1999

Jim Reilly
Jim Reilly
77 Mountain Avenue
Hamilton, Ontario L8P 4G3
CANADA

STATEMENT BY WITNESS

I, *K. Rabbat*, whose full Post Office address is
(Name of Witness)

26 Norfolk St. 285 3A5 Hamilton
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: *Nov 19, 1999*

K. Rabbat
(Signature of Witness)