ГОЙМ <b>РТО-1595</b> (Rev. 6-93)	
OMB No. 0651-0011 (exp. 4/94)	

11-04-1998



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

555255-012-071

Tab settings   □□□  ▼		▼	<u> </u>
To the Honorable Comm	100868840	ecord the attached original d	ocuments or copy thereof.
1. Name of conveying party(ies): Yihong Qi; Perry Jarmuszewski; Lizhong Zhu; Peter J. Edmonson; Krystyna Bandurska; and Robert A. Grant Additional name(s) of conveying party(ies) attached?   Yes CKNo			iving party(ies)  In Motion Limited
3. Nature of conveyance:			
Assignment	□ Merger	Street Address: 295 Ph	nillip Street
☐ Security Agreement	□ Change of Name		o, CANADA N2L 3W8
Other		City:	State: ZIP:
Execution Date: 9/2/98;	10/19/98	Additional name(s) & address(es	attached? D YesXD No
4. Application number(s) or pate	ent number(s):		
If this document is being file	d together with a new application	n, the execution date of the applic	cation is:
A. Patent Application No.(s) 09/105,354		B. Patent No.(s)	
	Additional numbers att	ached? 🗆 Yes 🖎 No	
Name and address of party to concerning document should	· · · · · · · · · · · · · · · · · · ·	6. Total number of applications	s and patents involved:
Name: David B. Coo	Reavis & Poque	7. Total fee (37 CFR 3.41)	\$ 40.00
Internal Address:		<ul><li>Enclosed</li><li>Authorized to be charg</li></ul>	ed to deposit account
	Point akeside Avenue	8. Deposit account number:	
		10-1202	
City: Cleveland St 1998 DWBIYEN 00000204 09105354	ate: OH ZIP: 44114	[for any deficie (Attach duplicate copy of this page	ge if paying by deposit account)
681 40.00	DO NOT USI	E THIS SPACE	
9. Statement and signature.  To the best of my knowledge the original document.	and belief, the foregoing inform	ation is true and correct and any	attached copy is a true copy of
Deborah A. Sator	an Deberah	a. Satoran	10-23-98
Name of Person Signing	•	Signature	Date

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

#### ASSIGNMENT

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

# DUAL EMBEDDED ANTENNA FOR AN RF DATA COMMUNICATIONS DEVICE

and are the subject of a patent application which was filed on June 26, 1998 as Serial No. 09/105,354 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. 555255012071.

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.

CLLIT01 Doc: 294426 2 Page 1 of 7

PATENT REEL: 9546 FRAME: 0418

Date: Oct. 19/98

Yihong Qi

20 Austin Drive, Apt. 15 698 Keats wood Cr.

Waterloo, Ontario N2L3Y4 N2T 2R6

CANADA

QY

### STATEMENT BY WITNESS

I, CHARKS B METER	, whose full Post Office address is
(Name of Witness)	

10 LAMSBERRY PLICE, THE WOOLLOWDS, TX 77382
(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: 10/19/98

CLLIT01 Doc: 294426 2

(Signature of Witness)

Date: Oct /1/98

Perzy Jarmuszewski,

31 Hood Street

Guelph, Ontario N1E 5W4

CANADA

### STATEMENT BY WITNESS

I, CHNUS B MARK, whose full Post Office address is

(Name of Witness)

CAUS MARY PLACE THE WOODLANDS, TX 7788 2

(Address of Witness)

10

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: 10/19/98

CLLIT01 Doc: 294426 2

Page 3 of 7

**PATENT REEL: 9546 FRAME: 0420** 

Date: Sept. 2, 1998

Lizhong Zhu
661 Keatswood Cr.
Waterloo, Ontario N2T 2R7
CANADA

### STATEMENT BY WITNESS

I, <u>CHANCES BMEKE</u>, whose full Post Office address is (Name of Witness)

10 LANGEBERRY PLACE, THE WOODLWDS, THFF 88 2 (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

Page 4 of 7

Date: 0 1998

Peter J. Edmonson 138 Stone Church Road E. Hamilton, Ontario L9B 1A9 CANADA

#### STATEMENT BY WITNESS

I, CHANGS DMEKE, 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: 10/19/98

(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned: Date: Sept. 2, 1998 Krystyna Bandurska 623A Rummelhardt Drive Waterloo, Ontario N2T 2K7 CANADA STATEMENT BY WITNESS I, MANSS 13 MOTH, whose full Post Office address is

(Name of Witness)

10 CM/S BGRY PLOCE HE LOUDING TX

(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.

CLLIT01 Doc: 294426\_2

(Signature of Witness)

**REEL: 9546 FRAME: 0423** 

Date: OCT 11 1998

Robert A. Grant

26 Bristol Street 425 COLE ROAD. RG

Guelph, Ontario NIH 352 N/G 3E9. RG

**CANADA** 

## STATEMENT BY WITNESS

I, CHAPLES B METTE, 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.

Page 7 of 7

**RECORDED: 10/26/1998** 

CLLIT01 Doc: 294426 2

**PATENT REEL: 9546 FRAME: 0424**