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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIZHONG ZHU	03/30/2005
YIHONG QI	03/30/2005
MICHAEL CORRIGAN	03/30/2005
KRYSTYNA BANDURSKA	03/30/2005
YING TONG MAN	03/30/2005

RECEIVING PARTY DATA

Name:	Research In Motion Limited
Street Address:	295 Phillip Street
City:	Waterloo, Ontario
State/Country:	CANADA
Postal Code:	N2L 3W8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13732677

CORRESPONDENCE DATA

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Phone: 407-841-2330

Email: creganoa@addmg.com CHRISTOPHER F. REGAN Correspondent Name: Address Line 1: 255 S. Orange Avenue

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ATTORNEY DOCKET NUMBER: 30010-US-CNT2 (85031CON2)

NAME OF SUBMITTER: CHRISTOPHER F. REGAN

Total Attachments: 3

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> **PATENT** REEL: 029553 FRAME: 0883

A S S I G N M E N T

WHEREAS, Lizhong ZHU of Waterloo, Ontario, Canada, and Yihong QI of Waterloo, Ontario, Canada, and Michael CORRIGAN of Waterloo, Ontario, Canada, and Krystyna BANDURSKA of Waterloo, Ontario, Canada, and Ying Tong MAN of Kitchener, Ontario, Canada; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in MOBILE WIRELESS COMMUNICATIONS DEVICI: HAVING IMPROVED ANTENNA IMPEDANCE MATCH AND ANTENNA GAIN FROM 1:F ENERGY, for which ASSIGNORS have executed an application for United States Letters Patent filed herewith in the United State: Patent and Trademark Office; and

WHEREAS, RESEARCH IN MOTION LIMITED, a corporation organ: zed under the laws of the Province of Ontario, Canada, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divis.ons or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissies, continuations or extensions of said patents; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

> PATENT REEL: 029553 FRAME: 0884

And said ASSIGNORS for said consideration hereby covenants and agrees that said ASSIGNORS are the owners of the full title herein conveyed and have the right to convey the same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE'S evnence

IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 50 day of Morch, 2005.
Lizhong ZHU
Witness: Magula 1.
Printed Name: Nagula Tharma Sangary
Date: March 30th, 2005
IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 30 day of Marth, 2005.
Sipos
Yihong Of
Witness: Magle I.
Printed Name: Nagula Tharma Sangary
Date: March 30th, 2005

IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 30 day of March, 2005.
Michael CORRIGIN
Witness: May la -1.
Printed Name: Nam 19 Tharma Sangary
Printed Name: Nagula Tharma Sangary Date: March 30th, 2005
Date: March 30 2005
IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 30 day of MARCH, 2005.
1.111/
BHH -
Krystyna BANDYKSKA
Witness: Magla 7.
v · · · · · · · · · · · · · · · · · · ·
Printed Name: Nagula Tharma Songary
Date: March 30th 2005
IN WITNESS WHEREOF, I have hereunto set my hand
and seal this $3c$ day of $mach$, 2005.
- Cun
Ying Tong MAN
Witness: Magle 7.
Printed Name: Nagula Tharma Sangary
Date: March 30th, 2005
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