PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
Name Execution Date						
Iftekhar RAHMAN		vame	12/15/2010			
Mingxing LI			12/15/2010			
RECEIVING PARTY DATA						
Name: Cellco Pa	Cellco Partnership d/b/a Verizon Wireless					
Street Address: One Veriz	One Verizon Way,					
City: Basking F	Basking Ridge					
State/Country: NEW JER	NEW JERSEY					
Postal Code: 07920-10	07920-1097					
PROPERTY NUMBERS Total: 1						
Property Type		Number		575		
Application Number: 12973		3575		12973575		
CORRESPONDENCE DATA						
				g		
	756-808 ⁻					
	Phone:202-756-8000Email:Kadkins@mwe.com					
Correspondent Name: MCDERMOTT WILL & EMERY LLP						
Address Line 1:600 13TH STREET, N.W.						
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096						
ATTORNEY DOCKET NUMBER:		050108-0437				
NAME OF SUBMITTER:		Keith E. George				
Total Attachments: 5 source=0501080437assignmenttransmittal#page1.tif source=0501080437assignment#page1.tif source=0501080437assignment#page2.tif PATENT						

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RECORDATION FORM COVER SHEET					
Docket No.: 050108-0437 PATENTS ONLY					
To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.					
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)				
Iftekha r RAHMAN, Mingxing LI	Name: Cellco Partnership d/b/a Verizon Wireless				
	Internal Address:				
Additional name(s) of conveying party(ies) attached? Yes X No					
3. Nature of Conveyance/Execution Date(s)	Address: One Verizon Way,				
Execution Date(s): December 15, 2010	Basking Ridge, NJ 07920-1097				
Assignment I Merger					
Security Agreement Change of Name					
Joint Research Agreement					
Government Interest Assignment					
Executive Order 9424, Confirmatory License					
4. Application or patent number(s):	\boxtimes This document is being filed together with a new application.				
A. Patent Application No(s).	B. Patent No(s).				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: MCDERMOTT WILL & EMERY LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00				
Internal Address:	Authorized to be charged by credit card				
	Authorized to be charged to deposit account				
Street Address: 600 13th Street, N.W.	Enclosed				
	None required (government interest not affecting title)				
City: Washington, State: DC Zip: 20005-3096					
D.C.					
Phone Number: 202.756.8000	8. Payment Information:				
Fax Number: 202.756.8087					
Email Address:	a. Credit Card Last 4 Numbers				
	Expiration Date				
	b. Deposit Account Number 500417 Authorized User Name				
9. Signature.					
Keith E. George 34,111 Keith E. G. Co. December 20, 2010					
Name and Registration No. of Person Signing Signature Date					
Total number of pages includin	ng cover sheet, attachments and documents: 5				

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PATENT REEL: 025531 FRAME: 0137

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Docket No.: 050108-0437

ASSIGNMENT

WHEREAS We (Assignor), Iftekhar RAHMAN of 72 Crimson Road, Billerica, MA 01821 and Mingxing LI of 1326 Regency Dr., San Jose, CA 95129 have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled POSITION DETERMINATION FOR EMERGENCY CALL FROM MULTI-MODE MOBILE STATION, executed and filed concurrently herewith;

AND WHEREAS, Cellco Partnership d/b/a Verizon Wireless, a partnership of the State of Delaware and having an address of One Verizon Way, Basking Ridge, NJ 07920-1097 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged. We do hereby sell, assign, transfer and set over unto Cellco Partnership d/b/a Verizon Wireless (Assignee), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and forcign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said Assignce that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

AND We hereby grant the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

AND We hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

PATENT REEL: 025531 FRAME: 0138 . .

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cellco Partnership d/b/a Verizon Wircless, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Dec. 15, 2010	Ittekhar RAHMAN
Date	Iftekhar RAHMAN
Date	Mingxing Ll
STATE OF MA , county of MIDOLESEX	
On this 147 day of DEC Iftekhar RAHMAN, to me known to be t acknowledged to me that he/she executed	<u>LEMBER</u> , 20 <u>10</u> before me personally appeared he person named in and who executed the above instrument, and the same for the uses and purposes therein set forth.
SEAL	Notary Public
	My commission expires $10/10/20$
STATE OF)) SS: COUNTY OF)	RESHAM SOM Notary Public Commonwealth of Massachronits My Commission Expires 10/10/2014
Mingxing LI, to me known to be the p	, 20, before me personally appeared berson named in and who executed the above instrument, and he same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

Docket No.: 050108-0437

ASSIGNMENT

WHEREAS We (Assignor), Iftekhar RAHMAN of 72 Crimson Road, Billerica, MA 01821 and Mingxing LI of 1326 Regency Dr., San Jose, CA 95129 have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled POSITION DETERMINATION FOR EMERGENCY CALL FROM MULTI-MODE MOBILE STATION, executed and filed concurrently herewith;

AND WHEREAS, Cellco Partnership d/b/a Verizon Wireless, a partnership of the State of Delaware and having an address of One Verizon Way, Basking Ridge, NJ 07920-1097 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Cellco Partnership d/b/a Verizon Wireless (Assignee), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said Assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

AND We hereby grant the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

AND We hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

PATENT REEL: 025531 FRAME: 0140 AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cellco Partnership d/b/a Verizon Wireless, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	Iftekhar RAHMAN
_12/15/2010	- inc
Date	Mingxing LI
STATE OF) SS:	
COUNTY OF)	
On this day of	, 20, before me personally appeared
Iftekhar RAHMAN, to me known to b	e the person named in and who executed the above instrument, and
acknowledged to me that he/she execut	ed the same for the uses and purposes therein set forth.
SEAL	Notary Public
	My commission expires
	•
STATE OF CALL GOULA)	
STATE OF <u>CALIFORNIA</u>) SS: COUNTY OF <u>SANTA CLARA</u>)	
COUNTY OF SANTA CLARA)	
On this <u>157</u> day of <u>Dec</u>	. 6018ER
Mingxing LI, to me known to be the	e person named in and who executed the above instrument, and
acknowledged to me that he/she execute	ed the same for the uses and purposes therein set forth.
	10
	10 mall -
SEAL	Notary Public
Jacassassassas	My commission expires
KIRTI I. PATEL	
COMM. #1833519 NOTARY FUBLIC - CALIFORNIA	្តែ
SANTA CLARA COUNTY My Comm. Expires Jan. 27, 201	
Solidari, Expires Jan. 27, 201	

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PATENT REEL: 025531 FRAME: 0141

RECORDED: 12/20/2010