PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sundar Rajan PADMANABHAN	10/05/2007
Srinivas R. KARRA	10/08/2007

RECEIVING PARTY DATA

Name:	Verizon Data Services Inc.	
Street Address:	One East Telecom Parkway	
Internal Address:	Mail Code B3E	
City:	Temple Terrace	
State/Country:	FLORIDA	
Postal Code:	33637	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11872393

CORRESPONDENCE DATA

Fax Number: (703)351-3665

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

angela.trafton@verizon.com Email: Correspondent Name: Verizon Legal Department

Address Line 1: 1515 Courthouse Road, Suite 500

Address Line 2: Patent Management Group Address Line 4: Arlington, VIRGINIA 22201

20070205 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Phouphanomketh Ditthavong

Total Attachments: 2

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PATENT

REEL: 019963 FRAME: 0298

500375955

Verizon Invention Assignment for Verizon Reference No.: 20070205

Page 1 of 1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, Sundar Rajan PADMANABHAN, and Srinivas R. KARRA:

I. have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

METHOD AND SYSTEM OF PROVIDING NAVIGATION SERVICE WITH DIRECTORY ASSISTANCE

ASSIGNORS: Signature: Date: 10/5/07	K - A	THE WITH DIRECTORY ASSISTANCE
and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filting of any of said applications; and in and to all rights which may exist under the International Convention for the Protection of Industrial Property to any of the foregoing; II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and III. covenant with said Assignee, its successors and assigns; and III. covenant with said Assignee, its successors and assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property here in identified has been made to others by the undersigned. IN WITNESS to my/our agreement to the foregoing. I/we have executed this Assignment as set forth below: Verizon Data Services In	Which has been executed by the undersigne and request the Assignee, its successors, assignee (Application Number, filedapplication when known.	ed concurrently herewith, and in which case I/we hereby authorize gns and/or legal representatives, to insert here in the parentheses) the filing date and application number of said
and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filting of any of said applications; and in and to all rights which may exist under the International Convention for the Protection of Industrial Property to any of the foregoing; II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and III. covenant with said Assignee, its successors and assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property here indentified has been made to others by the undersigned, and that full right to convey the same as herein expressed is pussessed by the undersigned. IN WITNESS to my/our agreement to the foregoing. I/we have executed this Assignment as set forth below: V	which was filed on and assigned	d Application No
representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property here n identified has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below: Verizon entity (Assignee): Verizon Data Services Inc., having a place of business at One East Telecom Parkway, Mail Code B3E, Temple Terrace, Florida 33637. ASSIGNORS: Signature: Date: 1015/07	of said improvements or based on said application of shall be issued in the United States and foreign of priority resulting from the filing of any of said International Convention for the Protection of In	on; and in and to all original and reissued patents which have been gn countries from any of said applications, and in and to all rights id applications; and in and to all rights which may exist under the dustrial Property to any of the foregoing;
the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below: Verizon entity (Assignee): Verizon Data Services Inc., having a place of business at One East Telecom Parkway, Mail ASSIGNORS: Signature: Date: 10/5/07	representatives, to carry out in good faith the intent divisional, continuing, substitute, renewal, reissi improvements; execute all rightful oaths, assignme Assignee, its successors, assigns, and representative and the history thereof; and generally do everytherepresentatives shall consider desirable for aiding improvements and for vesting title to said improvements.	and purpose of this Assignment, the undersigned will execute all ue, and all other patent application on any and all said onts, powers of attorney and other papers; communicate to said as, all facts known to undersigned relating to said improvements on the papers; and maintaining proper patent protection for said
IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below: Verizon entity (Assignee): Verizon Data Services Inc., having a place of business at One East Telecom Parkway, Mail Code B3E, Temple Terrace, Florida 33637. ASSIGNORS: Date: 10/5/07	III. covenant with said Assignee, its successors, mortgage, license, or other agreement affecting the	assigns and legal representatives that no assignment, grant,
Signature: Date: 10/5/07	IN WITNESS to my/our agreement to the forgooins, 1/4	
Signature:Date:	ASSIGNORS: Signature: A Signatu	Date:
	Signature:	Date:

PATENT REEL: 019963 FRAME: 0299

Verizon Invention Assignment for Verizon Reference No.: 20070205

Page 1 of 1

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For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, Sundar Rajan PADMANABHAN, and Srinivas R. KARRA:

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METHOD AND SYSTEM OF PROVIDING NAVIGATION SERVICE WITH DIRECTORY ASSISTANCE

	and request the Assignee, if	ts successors, assigns and	or legal representa-	d in which case I/we hereby authoriz tives, to insert here in the parenthese ng date and application number of sale	e
	which was filed on	and assigned Appli	cation No.		
	and in and to said application application for Letters Patent of said improvements or bas or shall be issued in the Uni	n, and all divisional, contint which have been or shall led on said application; and ted States and foreign court filing of any of said applications.	nuing, substitute, ren be filed in the United in and to all origina ntries from any of sa ications; and in and	ewal, reissue, provisional, and all other last states and all foreign countries on an all and reissued patents which have been to applications, and in and to all right to all rights which may exist under the	y n
rep div im As and rep im	presentatives, to carry out in go risional, continuing, substitu- provements; execute all right signee, its successors, assigns d the history thereof; and go presentatives shall consider d	ge to, but at the expense ood faith the intent and purite, renewal, reissue, are ful oaths, assignments, per, and representatives, all renerally do everything president for aiding in secutive to said improvements.	ee of, said Assigned prose of this Assigned all other patern owers of attorney a facts known to under ossible which said euring and maintains and all applications.	provements in its own name; and that its, its successors, assigns and legarment, the undersigned will execute a application on any and all sained other papers; communicate to sained other papers; communicate to sained relating to said improvement Assignee, its successors, assigns on the proper patent protection for saines for patents and all patents on saines.	il d d s
m	ortgage, license, or other agree	ement affecting the rights	and property herein	sentatives that no assignment, gran identified has been made to others bossessed by the undersigned.	:, Y
IN WI Verizo	INESS to my/our agreement t	to the foregoing, I/we have Data Services Inc., havin	executed this Assi	-	n
ASSIG	NORS:				
Signan	ıre:		Date:		
Signatı	ire: K. Shiniv as	Reddy	Date:	08/200T	

PATENT REEL: 019963 FRAME: 0300

RECORDED: 10/15/2007