

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3129236

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHOUYUE PI	11/24/2004
ZHIGANG RONG	11/24/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOKIA CORPORATION
<b>Street Address:</b>	KEILALAHDENTIE 4, 02150
<b>City:</b>	ESPOO
<b>State/Country:</b>	FINLAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14520836
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)824-3001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(202) 824-3000
<b>Email:</b>	bwptopat@bannerwitcoff.com, dwityak@bannerwitcoff.com
<b>Correspondent Name:</b>	BANNER & WITCOFF, LTD.
<b>Address Line 1:</b>	1100 13TH ST. NW
<b>Address Line 2:</b>	STE 1200
<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	004770.002338
<b>NAME OF SUBMITTER:</b>	ADAM R. BANES
<b>SIGNATURE:</b>	/Adam R. Banes/
<b>DATE SIGNED:</b>	12/02/2014
<b>Total Attachments: 2</b>	
source=NC17612USDIV Executed Assignment as recorded in parent 004770.02235#page1.tif	
source=NC17612USDIV Executed Assignment as recorded in parent 004770.02235#page2.tif	

ASSIGNMENT

WHEREAS, We, Zhouyue Pi, a citizen of China, and resident of San Diego, California, and Zhigang Rong, a citizen of China, and resident of San Diego, California, have invented certain new and useful improvements in an invention entitled "APPARATUS, AND AN ASSOCIATED METHOD, FOR FACILITATING COMMUNICATIONS IN A RADIO COMMUNICATION SYSTEM THAT PROVIDES FOR DATA COMMUNICATIONS AT MULTIPLE DATA RATES", disclosed in an application for United States Letters Patent (Application No. 10/512,850, filed October 28, 2004);

WHEREAS, NOKIA CORPORATION, a corporation organized under the laws of Finland, having a place of business at Keilalahdentie 4, 02150 Espoo, Finland, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the date set forth hereunder.

11/24/2004  
Date

Zhouyue Pi  
Zhouyue Pi

[Signature]  
Witness

[Signature]  
Witness

Nov. 24, 2004  
Date

Zhigang Rong  
Zhigang Rong

[Signature]  
Witness

[Signature]  
Witness