

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nizar ZORBA BARAH</td> <td>08/13/2010</td> </tr> <tr> <td>Christos VERIKOUKIS</td> <td>08/13/2010</td> </tr> <tr> <td>Isabel Ana PEREZ-NEIRA</td> <td>08/13/2010</td> </tr> </tbody> </table>		Name	Execution Date	Nizar ZORBA BARAH	08/13/2010	Christos VERIKOUKIS	08/13/2010	Isabel Ana PEREZ-NEIRA	08/13/2010
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Nizar ZORBA BARAH	08/13/2010								
Christos VERIKOUKIS	08/13/2010								
Isabel Ana PEREZ-NEIRA	08/13/2010								
<b>RECEIVING PARTY DATA</b>									
Name:	FUNDACIO PRIVADA CENTRE TECNOLOGIC DE TELECOMUNICACIONS DE CATALUNYA								
Street Address:	Parc Mediterrani de la Tecnologia, Avda.								
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State/Country:	SPAIN								
Postal Code:	E-08860								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12918495</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12918495				
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Application Number:	12918495								
<b>CORRESPONDENCE DATA</b>									
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NAME OF SUBMITTER:	Samson Helfgott								

CH \$40.00 12918495

Total Attachments: 2

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ASSIGNMENT

Docket No. \_\_\_\_\_

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in: \_\_\_\_\_

METHOD OF EFFICIENT CHANNEL ALLOCATION IN WIRELESS SYSTEMS

for which

(check one) [ ] an application is being filed concurrently herewith,

[X] an application for a Patent of the United States was filed on August 20, 2010  
and given Application Serial No. 12/918,495

and WHEREAS, FUNDACIO PRIVADA CENTRE TECNOLOGIC DE TELECOMUNICACIONS DE CATALUNYA

having a place of business at Parc Mediterrani de la Tecnologia Avda. Canal Olímpic s/n, 08860 CASTELLDEFELS,  
BARCELONA  
ASSIGNEE

is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of first inventor  
Nizar Zorba,



Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

13/08/2010

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Residence 08860 CASTELLDEFELS, BARCELONA Citizenship JORDANIAN  
Post Office Address Parc Mediterrani de la Tecnologia Avda. Canal Olímpic s/n

Full name of second inventor  
Christos Verikoukis



Inventor's Signature \_\_\_\_\_ Date 13/08/2010  
Residence 08860 CASTELLDEFELS, BARCELONA Citizenship GREEK  
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Ana Perez



Full name of third inventor

Inventor's Signature \_\_\_\_\_ Date 13/08/2010  
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