

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Montserrat NAJAR MARTON</td><td>05/30/2011</td></tr><tr><td>Monica NAVARRO RODERO</td><td>05/23/2011</td></tr></tbody></table>		Name	Execution Date	Montserrat NAJAR MARTON	05/30/2011	Monica NAVARRO RODERO	05/23/2011
Name	Execution Date						
Montserrat NAJAR MARTON	05/30/2011						
Monica NAVARRO RODERO	05/23/2011						
RECEIVING PARTY DATA							
Name:	FUNDACIO PRIVADA CENTRE TECNOLOGIC DE TELECOMUNICACIONS DE CATALUNYA						
Street Address:	Parc Mediterrani de la Tecnologia Avda. Canal Olimpic s/n						
City:	Castelldefels (Barcelona)						
State/Country:	SPAIN						
Postal Code:	E-08860						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13062870</td></tr></tbody></table>		Property Type	Number	Application Number:	13062870		
Property Type	Number						
Application Number:	13062870						
CORRESPONDENCE DATA							
Fax Number:	(860)286-0115						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	8602862929						
Email:	kfrye@cantorcolburn.com						
Correspondent Name:	Cantor Colburn LLP						
Address Line 1:	20 Church Street, 22nd Floor						
Address Line 4:	Hartford, CONNECTICUT 06103						
ATTORNEY DOCKET NUMBER:	HER0207US						
NAME OF SUBMITTER:	Daniel F. Drexler						
Total Attachments: 2 source=4GD9080#page1.tif source=4GD9080#page2.tif							

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PATENT  
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## ASSIGNMENT

WHEREAS We, **MONTSERRAT NAJAR MARTON** of Parc Mediterrani de la Tecnologia Avda. Canal Olímpic s/n, E-08860 Castelldefels (Barcelona), Spain; and **MONICA NAVARRO RODERO** of Parc Mediterrani de la Tecnologia Avda. Canal Olímpic s/n, E-08860 Castelldefels (Barcelona), Spain (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

### **JOINT DEMODULATION AND SYNCHRONIZATION IN ULTRA WIDEBAND SYSTEMS**

(hereinafter referred to as "**INVENTION**") which claims priority to Spanish Application No. P200802567, filed on September 08, 2008; was filed on September 26, 2008 as International Application No. PCT/EP2008/062920; and for which we, said ASSIGNORS, are about to file or have filed an application for a United States Patent (hereinafter collectively referred to as "**APPLICATIONS**");

AND WHEREAS, **FUNDACIO PRIVADA CENTRE TECNOLOGIC DE TELECOMUNICACIONS DE CATALUNYA** (hereinafter referred to as "**ASSIGNEE**"), a corporation organized and existing under the laws of the Country of Spain, having a place of business at Parc Mediterrani de la Tecnologia Avda. Canal Olímpic s/n, E-08860 Castelldefels (Barcelona), Spain is desirous of acquiring an interest in any and all countries, in and to the INVENTION, the APPLICATIONS, and any Patents that issue therefrom;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS, have assigned and transferred, and hereby assign and transfer unto ASSIGNEES, the entire right, title and interest in and to the INVENTION, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEES; and we, the ASSIGNORS, do hereby agree that we will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEES, their successors or assigns, and that we will, at

the cost and expense of ASSIGNEES, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Date: 30/05/2011

  
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MONTSERRAT NAJAR MARTON L.S.

Date: 23/05/2011

  
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MONICA NAVARRO RODERO L.S.