

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>Benoit Miscopein</td> <td>06/27/2012</td> </tr> <tr> <td>Jean Schworer</td> <td>06/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Benoit Miscopein	06/27/2012	Jean Schworer	06/29/2012
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Benoit Miscopein	06/27/2012						
Jean Schworer	06/29/2012						
RECEIVING PARTY DATA							
Name:	France Telecom						
Street Address:	78 rue Olivier de Serres						
City:	Paris						
State/Country:	FRANCE						
Postal Code:	75015						
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>13514669</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13514669		
Property Type	Number						
Application Number:	13514669						
CORRESPONDENCE DATA							
Fax Number:	3125693545						
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NAME OF SUBMITTER:	Brian C. Rupp						
<p>Total Attachments: 3 source=P4080US Assignment#page1.tif source=P4080US Assignment#page2.tif source=P4080US Assignment#page3.tif</p>							

CH \$40.00 13514669

Drinker Biddle & Reath LLP
191 N. Wacker Drive, Suite 3700
Chicago, Illinois 60606-1698

ASSIGNMENT

WHEREAS, WE, Benoît MISCOPEIN, of 15 rue Nicolas Chorier, 38000 Grenoble, France, and Jean SCHWOERER, of 8 rue Marceau, 38000 Grenoble, France, have invented and own a certain invention entitled:

**IMPROVED METHOD FOR TRANSMITTING A COMMUNICATION
SIGNAL**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on June 8, 2012, under U.S. Application No. 13/514,669, and

WHEREAS, FRANCE TELECOM, of 6 place d'Alleray, 75015 Paris, France (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.


UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

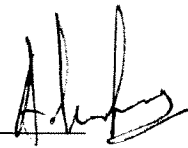
WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and

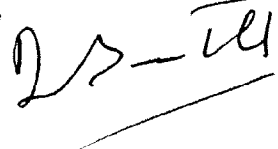
In re Appln. of Miscopein et al.
Attorney Docket No. P4080US

by executing 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 all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.


Date 27/06/2012 
Benoit MISCOPEIN

Date 27/6/2012 Witness Apostolos KONTOURIS 

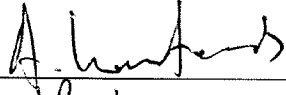
Date 27/06/2012 Witness Dominique BARTHEL


In re Appln. of Miscopein et al.
Attorney Docket No. P4080US

Date 29/06/12

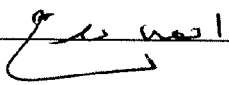

Jean SCHWOERER

Date 19/6/2012

Witness 

Apostolos KANTOUEIS

Date 29/06/2012

Witness 

CH01/ 25967484.1