

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Manuel BRIAND	01/27/2009
David VIRETTE	01/12/2009
RECEIVING PARTY DATA	
Name:	France Telecom
Street Address:	6, place d'Alleray
City:	Paris
State/Country:	FRANCE
Postal Code:	75015
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12293041
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NAME OF SUBMITTER:	Thomas Langer
Total Attachments: 2 source=20090515174128#page1.tif source=20090515174128#page2.tif	

CH \$40.00 12293041

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PATENT
REEL: 022692 FRAME: 0981

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Manuel BRIAND, David VIRETTE** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **France Telecom** (hereinafter referred to as "ASSIGNEE"), a corporation of France, having a place of business at 6, place d'Alleray, 75015 Paris, France, respectively, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent Serial No. 12/293,041, and which is entitled

DEVICE AND METHOD FOR ENCODING BY PRINCIPAL COMPONENT ANALYSIS A MULTICHANNEL AUDIO SIGNAL


and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;


Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal 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 applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee,

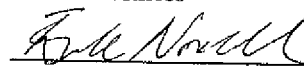
its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 01 / 27 / 2009
month/day/year

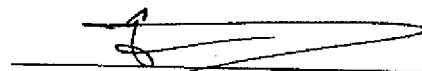

Manuel BRIAND


Witness


Witness

Date: 01/18/2009
month/day/year


David VIRETTE


Witness


Witness

Note: Signature of a witness is preferable but not required.