

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEAN-DIDIER GAYRARD	10/03/2014
ARNAUD LE KERNEC	10/03/2014
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14516398
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<b>SIGNATURE:</b>	/Erdal Dervis/
<b>DATE SIGNED:</b>	10/16/2014
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

I, GAYRARD Jean-Didier, a citizen of FRANCE residing at 45 rue de la Cressonnière – 31270 CUGNAUX ; and

I, LE KERNEC Arnaud, a citizen of FRANCE residing at THALES ALENIA SPACE FRANCE – 26 avenue Jean-François Champollion – 31037 TOULOUSE Cedex 1.

and each of us, if more than one person is identified above (hereinafter “ASSIGNOR”) for good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

THALES

a Corporation organized under the laws of FRANCE, located at 45 rue de Villiers – 92200 NEUILLY/SUR/SEINE (hereinafter “ASSIGNEE”), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the entire indicated right, title, and interest, in and to my Invention entitled:

**Method for transmitting and method for receiving a binary data stream,  
transmitter and receiver for carrying out the method**

invented by me/us and described in FRANCE patent application no. 1302417, filed 18/OCT/2013; including any United States patent application claiming priority thereto and bearing the above title as filed by me/us; I/we hereby authorize and request the law firms of Marks and Clerk France and BAKER & HOSTETLER, LLP ; to insert on the designated lines below, the filing date and application number of said United States application when known, to add or correct information stated in the assignment which identifies the U.S., PCT, and/or priority patent applications covering the “Invention” being assigned.

which was filed on \_\_\_\_\_ as PCT Application Number \_\_\_\_\_ or/and United States Application Number 14516398

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and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of ASSIGNOR to recover for past infringement thereof;

And for the consideration aforesaid, I/we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I/we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense and that I will not execute any writing or do any act whatsoever conflicting with these presents,

And I/we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I/we declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I/we have signed this document as my/our own free act and that all of the foregoing is true and correct.

Dated: 03-OCT-2015

GAYRARD Jean-Didier  
GAYRARD Jean-Didier, Inventor

Dated: 03/10/2014

LE KERNEC Arnaud  
LE KERNEC Arnaud, Inventor