

## 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>
CENTRE NATIONAL D'ETUDES SPATIALES	07/22/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THALES
<b>Street Address:</b>	45 RUE DE VILLIERS
<b>City:</b>	NEUILLY SUR SEINE
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	92200
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14285160
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<b>ATTORNEY DOCKET NUMBER:</b>	95781.21600
<b>NAME OF SUBMITTER:</b>	ERDAL DERSVIS
<b>SIGNATURE:</b>	/Erdal Dervis/
<b>DATE SIGNED:</b>	09/05/2014
<b>Total Attachments: 2</b>	
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source=Assignment_CNES_Thales#page2.tif	

**ASSIGNMENT****WHEREAS,**

**CENTRE NATIONAL D'ETUDES SPATIALES**  
2, Place Maurice Quentin  
75039 PARIS  
FRANCE

respectively ("Assignor"), jointly owns, with the Assignee designated below, the right, title and interest in and to an invention as set forth in United States Application No. 14/285,160, filed May 22, 2014 entitled:

**METHOD OF DECODING A CORRECTING CODE, FOR EXAMPLE A  
TURBO-CODE, BY ANALYSIS OF THE EXTENDED SPECTRUM OF  
THE WORDS OF THE CODE**

**AND WHEREAS,**

**THALES**  
45 rue de Villiers  
92200 NEUILLY-SUR-SEINE  
FRANCE

respectively ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and application, and in and to any and all patents of the United States which may be obtained therefore;

**NOW, THEREFORE,** for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention and application, including the right to claim domestic or foreign priority, including under 35 U.S.C. §119 and/or §120, and the right to sue for past infringement, and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States which may be issued for said invention and applications;

**UPON SAID CONSIDERATION,** Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any

proceedings or transactions involving such applications or patents, and by executing preliminary 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 Assignor and Assignee;

The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

AND In testimony whereof, the Assignor and Assignee have each signed below, effective the first day executed below.



CENTRE NATIONAL D'ETUDES SPATIALES

Romain DESPLATS

Date: 22 JUL. 2014

By: \_\_\_\_\_

Name: Pour le Président du CNES  
et par délégation

Title: Le Responsable de la Propriété intellectuelle  
du Service Applications et Valorisation

THALES

Date: 18/08/2014

By:

Name: Laurent LUCAS

Title: authorized representative