

## 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>
GIULIO COLAVOLPE	06/02/2015
ANDREA MODENINI	06/05/2015
AMINA PIEMONTESE	06/03/2015
NADER ALAGHA	06/05/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14650655
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<b>SIGNATURE:</b>	/Timothy J. Balts/
<b>DATE SIGNED:</b>	07/10/2015
<b>Total Attachments: 2</b>	
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## Assignment of Application

WHEREAS, I (We),

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
INVENTORS:

1. COLAVOLPE Giulio, str.llo A. Ghiretti 6, 43124 Parma, Italy
2. MODENINI Andrea, P. le C. Chaplin 23, 43125 Parma, Italy
3. PIEMONTESE Amina, Via Manfredi 121/A, 71037 Monte Sant'Angelo, Foggia, Italy
4. ALAGHA Nader, Deilerweg 152, 2241 AK Wassenaar, The Netherlands

respectively, have invented certain new and useful improvements in:

INSERT TITLE  
OF INVENTION:

*Data Detection Method and Data Detector for Signals Transmitted Over a Communication Channel with Inter-symbol interference*

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION

for which an application for Letters Patent was executed on \_\_\_\_\_ and,

WHEREAS, AGENCE SPATIALE EUROPEENNE (hereinafter referred to as "ASSIGNEE"), having a place of business at 8-10 rue Mario Nikis 75738 Paris Cedex 15, France, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I/WE, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.


I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any all and all foreign countries to issue any and all said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 CHARLOTTE, NORTH CAROLINA 28280-4000 U.S.A. the power to insert on this assignment any further identification 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.

Date:

June 2nd, 2015

  
(Signature of Inventor)  
COLAVOLPE Giulio

Date: 5 June 2015

Andrea Modenini  
(Signature of Inventor)  
MODENINI Andrea

Date: June 3, 2015

Amina Piemontese  
(Signature of Inventor)  
PIEMONTESE Amina

Date: 5 June 2015

Nader Alagha  
(Signature of Inventor)  
ALAGHA Nader