502608946 12/19/2013

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUILLAUME SMITH	09/27/2013
JEROME LACAN	10/08/2013
LAURENCE CLARAC	11/04/2013

RECEIVING PARTY DATA

Name:	CENTRE NATIONAL D'ETUDES SPATIALES
Street Address:	2, PLACE MAURICE QUENTIN
City:	PARIS CEDEX 01
State/Country:	FRANCE
Postal Code:	F-75039

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14127721

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ATTORNEY DOCKET NUMBER: ETF0615US	NAME OF SUBMITTER:	DANIEL F. DREXLER
	ATTORNEY DOCKET NUMBER:	ETF0615US

PATENT 502608946 REEL: 031820 FRAME: 0932

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Date:	12/19/2013
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PATENT REEL: 031820 FRAME: 0933

ASSIGNMENT

WHEREAS We, SMITH Guillaume, 16 rue de la Ferme, F-78580 Les Alluets le Roi (FRANCE), LACAN Jérôme, 37 avenue de Courrège, F-31400 TOULOUSE (FRANCE), CLARAC Laurence, 58 avenue de Lespinet, F-31400 TOULOUSE (FRANCE) (hereinafter referred to as ASSIGNORS); have invented certain new and useful improvements in:

Method for encoding data in bursts

for which We have filed an application for Letters Patent of the United States;

AND WHEREAS, CENTRE NATIONAL D'ETUDES SPATIALES, (hereinafter referred to as ASSIGNEE), a corporation organized and existing under the laws of France, having a place of business at 2 Place Maurice Quentin, F-75039 PARIS CEDEX 01 (FRANCE) is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that

PATENT REEL: 031820 FRAME: 0934 these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 27/09/2013	& Sulfal	L.S
	SMITH Guillapme	
Date: 08/10/ 2013	A A A	L.S
	LACAN Jérone	L.S
Date:	CLARAC Laurence	

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WHEREAS We, SMITH Guillaume, 16 rue de la Ferme, F-78580 Les Alluets le Roi (FRANCE), LACAN Jérôme, 37 avenue de Courrège, F-31400 TOULOUSE (FRANCE), CLARAC Laurence, 25 rue Bonnat, F-31400 TOULOUSE (FRANCE) (hereinafter referred to as ASSIGNORS); have invented certain new and useful improvements in:

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AND WHEREAS, CENTRE NATIONAL D'ETUDES SPATIALES, (hereinafter referred to as ASSIGNEE), a corporation organized and existing under the laws of France, having a place of business at 2 Place Maurice Quentin, F-75039 PARIS CEDEX 01 (FRANCE) is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

and valuable consideration, the receipt of which is hereby acknowledged. We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign application with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that

PATENT REEL: 031820 FRAME: 0936 these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:		L.S.
	SMITH Guillaume	
Date:		L.S.
J****	LACAN Jérôme	
Date: 4 11 2013	flower	L.S.
Daw,	CLARAC Laurence	