

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CEDRIC MARCHAND	12/16/2019
EMMANUEL BOUTILLON	12/16/2019
RECEIVING PARTY DATA	
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Postal Code:	56321
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16621956
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DATE SIGNED:	01/02/2020
Total Attachments: 2	
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source=70715_US_revised_assignment#page2.tif	

ASSIGNMENT

CEDRIC MARCHAND, residing at 8 Rue du bon secours, 56530 QUEVEN FRANCE; and EMMANUEL BOUTILLON, residing at 2 rue de Prague, 56100 LORIENT, FRANCE, (hereafter referred to as the undersigned), are the inventors of:

HYBRID ARCHITECTURES FOR CHECK NODE PROCESSING OF EXTENDED MIN-SUM (EMS) DECODING OF NON-BINARY LDPC CODES

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 16/621956 filed December 12, 2019.

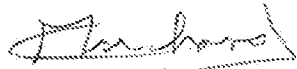
UNIVERSITE DE BRETAGNE SUD, a corporation, having a principal place of 27 RUE ARMAND GUILLEMOT, 56321 LORIENT CEDEX, FRANCE (hereafter referred to as the Assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the Assignee and Assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the Assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all

instruments proper to patent the invention throughout the world for the benefit of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

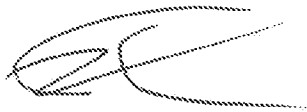
The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.



CEDRIC MARCHAND

16 decembre 2019

Date



EMMANUEL BOUTILLON

16 decembre 2019

Date