PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROMAIN LEMAIRE	08/27/2015
FABIEN CLERMIDY	08/27/2015

RECEIVING PARTY DATA

Name:	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	
Street Address:	25 rue Leblanc, Batiment "Le Ponant D"	
City:	Paris	
State/Country:	France	
Postal Code:	75015	
Name:	STMICROELECTRONICS (CANADA), INC.	
Street Address:	900-1959 UPPER WATER ST., HALIFAX	
City:	NOVA SCOTIA	
State/Country:	CANADA	
Postal Code:	B3J 3N2	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14762040

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 454885US41XPCT

NAME OF SUBMITTER: MARA VUKOVIC

SIGNATURE: /Mara Vukovic/

DATE SIGNED: 09/11/2015

503475538 PATENT REEL: 036542 FRAME: 0443

Total Attachments: 2

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> PATENT REEL: 036542 FRAME: 0444

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	NETWORK INTERFACE FOR A COMMUNICATION CONTROLL	Soc COMPRISING AN IMPROVED ER	
As the below name	led inventor, I hereby declare that:		
This declaration	This declaration The attached application, or		
is directed to:	United States application or PCT inte filed on <u>July 22, 2015</u> .	rnational application number 14/762 040	
	ied application was made or authorized to		
I believe that I am	the original inventor or an original joint	inventor of a claimed invention in the application.	
WHEREAS, 1/ Co	ommissariat à l'énergie atomique et aux ér	nergies alternatives,	
	TMICROELECTRONICS (CANADA), I		
75015 PARIS FR	ANCE, and 2/900-1959 Upper Water Sesirous of jointly acquiring interests in the ters Patent that may be granted therefore	of business at: 1/25 rue Leblanc Bâtiment "Le Ponant D" St., Halifax, Nova Scotia, Canada B3J 3N2, CANADA, entire right, title and interest in and to said invention and in the United States and its territorial possessions and in	
acknowledged, and said ASSIGNEES and in all foreign of other relevant Intestinterest in and to possessions and it substitutions and results in the said of the sai	Id for other good and valuable considerate, the full and exclusive right to the said in countries (including the right to claim priemational Treaties and Arrangements from any and all Letters Patent which may be in any and all foreign countries and internewals thereof.	FIVE DOLLARS (\$5.00), the receipt whereof is hereby ion, I, by these presents do sell, assign and transfer unto vention in the United States and its territorial possessions ority under the terms of the International Convention and in the aforesaid application) and the entire right, title and e granted therefor in the United States and its territorial and to any and all divisions, reissues, continuations,	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 had this Assignment and sale not been made.			
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAME O	FINVENTOR	August 27, 2015	
Inventor: L	EMAIRE, Romain	August 27, 2015 Date:	
Signature:	RA		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 036542 FRAME: 0445

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of	NETWORK INTERFACE FOR A SoC COMPRISING AN IMPROVED		
Invention	COMMUNICATION CONTROLLER		
As the below nam	led inventor, I hereby declare that:		
This declaration [
is directed to:	✓ United States application or PCT international application number <u>14/762 040</u> filed on <u>July 22, 2015</u> .		
The above-identif	The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
WHEREAS, 1/ Commissariat à l'énergie atomique et aux énergies alternatives,			
2/ STMICROELECTRONICS (CANADA), INC.			
75015 PARIS FR	ed to as "ASSIGNEES") having places of business at: 1/ 25 rue Leblanc Bâtiment "Le Ponant D" ANCE, and 2/ 900-1959 Upper Water St., Halifax, Nova Scotia, Canada B3J 3N2, CANADA, esirous of jointly acquiring interests in the entire right, title and interest in and to said invention and ters Patent that may be granted therefore in the United States and its territorial possessions and in 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, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.			
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 had this Assignment and sale not been made.			
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAME O			
Inventor: C	LERMIDY, Fabien Date: August 27, 2015		
a: (— f v		

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PATENT REEL: 036542 FRAME: 0446

RECORDED: 09/11/2015