504426400 06/22/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
REJI THOMAS	06/09/2017

RECEIVING PARTY DATA

Name:	INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE		
Street Address:	490 DE LA COURONNE		
City:	QUÉBEC		
State/Country:	CANADA		
Postal Code:	G1K 9A9		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15630153	

CORRESPONDENCE DATA

Fax Number: (514)397-4382

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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Correspondent Name: GOUDREAU GAGE DUBUC Address Line 1: 2000 MCGILL COLLEGE

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ATTORNEY DOCKET NUMBER:	773/14448.113
NAME OF SUBMITTER:	ANNA FOVERO
SIGNATURE:	/ANNA FOVERO/
DATE SIGNED:	06/22/2017

Total Attachments: 2

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> **PATENT** REEL: 042787 FRAME: 0311 504426400

ASSIGNMENT

WHEREAS I, the undersigned, Reji Thomas, research associate at INRS-EMT (hereinafter referred to as the "Assignor"), residing at

Puthanangadi (PO), Perintalmanna, Kerala, 679321, India, have, with others, made a certain invention known as "CMOS compatible

ferroelectric tunnel junction" (hereinafter referred to as the "Invention");

WHEREAS INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, whose full post office address is

490 rue de la Couronne, Quebec City, Quebec, G1K 9A9, Canada,

(hereinafter referred to as the "Assignee") is desirous of acquiring the entire right, title, and interest that I hold in and to said Invention, in

and to any patent applications which may filed in any and all countries in the world on said Invention, including divisional applications and

continuation applications on the Invention and including any patent applications on the Invention in any foreign country under the

provisions of the International Convention (hereinafter collectively the "Applications") and in and to any and all patents on the Invention

obtained in any country in the world;

NOW THEREFORE, in return for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged

I the Assignor, do hereby confirm any assignment already made by me in favour of INRS in and to the Invention, its constituent

parts, any Applications, and any patents on the Invention which may be obtained;

And for more certainty I, the Assignor, do hereby sell, assign, transfer, and set over unto the Assignee, its successors and

assigns, my entire right, title, and interest which I hold in and to said Invention, in any form or embodiment thereof, and in and

to the above-described Applications; also the entire right, title and interest in and to any patent on the Invention and any reissue

of a patent on the Invention. I hereby authorize and request the issuing authority to issue and deliver any and all patents on the

foregoing including on said Applications in any and all countries, to said Assignee; the same to be held and enjoyed by the

Assignee for its own use and behalf, and for the use and behalf of its successors and assigns, to the full end of the term or

terms for which said patents may be granted, as fully and entirely as the same would have been held and enjoyed by me had

this assignment not been made, as the assignee of my entire right, title and interest therein, in accordance with this

assignment;

IN ADDITION I hereby agree that upon request, and without any payment by said Assignee, other than the expenses incurred by the

undersigned, to communicate to said Assignee its successors and its assigns, their respective representatives and agents any facts

known to me respecting the foregoing including any facts respecting said Invention, including evidence for interference purposes or for

other proceedings, whenever requested; testify in any interference, litigation, or other proceedings, sign and deliver, on request, all lawful

papers necessary or useful to vest or perfect the title of the Assignee, its successors and assigns relating to the foregoing including

relating to the Invention, the Applications and the aforementioned patents, or necessary or useful to make any of the foregoing provisions

effective, make all rightful oaths and generally aid the Assignee, its successors, assigns, and their respective representatives and agents

1

agentsto obtain and enforce proper patent protect for said invention in all countries and likewise make these provisions binding upon my heirs, legal representatives, administrators and assigns,

Tel que convenu par le Cessionnaire et le Cédant, cette cession a été rédigée en anglais. As agreed by both the Assignee and the Assignor, this assignment has been drawn up in English.

These presents shall be governed by and construed in accordance with the applicable laws of the Province of Quebec and the laws of Canada applicable therein and the forum in relation to same shall be Quebec, Quebec, Canada.

SIGNED in triplicate at <u>PERINTHALMAN</u> (City)	<u>INA KERAL</u>	A INDIA
(City)	(Province / State)	(Carmina)
this $\frac{\mathcal{I}}{\mathcal{I}}$ day of $\frac{\mathcal{I} \cup \mathcal{I} \in \mathcal{I}}{\mathcal{I} \cup \mathcal{I}}$ (Year) (The Assign	err tile tressa Norto with the namericae intername.	in an harden after the fact of the second of
(Company American)	en oos ruosa evanta asti ten abbioburae tiitististi	n as to me place and date of the Assignor's signal
By the Assignor:	Witness of Assignor's signa	ture:
MIR/ 1 1 1	~ A Q	
(Signature of Assignor)	(Signature of witness of Assign	orie -
	signature)	174 \$
REJI THOMAS		
	LOVELY SEB	<u>AST/AN</u>
(Name of Assignor in printed letters)	(Name of witness in printed lette	(8)
Acknowledged and accepted at Quebec City, Provin	ice of Quebec, Canada	
By Institut national de la recherche scientifique:		
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Research and Technology Transfer Department	Date V	
944, 11 to 11 to 11 to 12 to 15 to 1		
Vitness of INRS representative's signature:		
And the second		
$\mathcal{A}(C)$	<u>14 june 2017</u>	
Signature)	Date /	·
SENEVELY MIDTON		
Name of witness of INRS representative's		

2

Assignment (English) Revised by AJSG November 21, 2014

signature in printed letters)

RECORDED: 06/22/2017