## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Rodolphe HELIOT	03/14/2013
Marc BELLEVILLE	03/14/2013
Sigrid THOMAS	03/14/2013

# **RECEIVING PARTY DATA**

Name:	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
Street Address:	25 rue Leblanc
Internal Address:	Batiment, Le Ponant D
City:	Paris
State/Country:	FRANCE
Postal Code:	75015

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13991872

## **CORRESPONDENCE DATA**

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Signature:	/Erdal Dervis/

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Date:	06/05/2013
Total Attachments: 4 source=602296478_1_(BHDOCS)#page1.ti source=602296478_1_(BHDOCS)#page2.ti source=602296478_1_(BHDOCS)#page3.ti source=602296478_1_(BHDOCS)#page4.ti	f f

PATENT REEL: 030553 FRAME: 0736

## ASSIGNMENT

- I, Rodolphe HELIOT, a citizen of France residing at 5 rue Paul Bert, 38000 GRENOBLE France
- I, Marc BELLEVILLE, a citizen of France residing at 12 rue de Chantemerle, 38120 SAINT-EGREVE France
- I, Sigrid THOMAS, a citizen of France residing at 37, rue des Taillées, 38400 SAINT MARTIN D'HERES France

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") for good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

#### COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

a Corporation organized under the laws of France located at 25, rue Leblanc, Bâtiment "Le Ponant D", Paris, 75015 - France, (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the entire indicated right, title, and interest, in and to my Invention entitled:

## ELECTRONIC CIRCUIT WITH NEUROMORPHIC ARCHITECTURE

invented by me/us and described in French patent application n° 1060260 filed December 8, 2010; including any United States patent application claiming priority thereto and bearing the above title as filed by me/us concurrently herewith; I/we hereby authorize and request the attorney(s) to whom I/we have granted power(s) which is (are) attached hereto, to insert on the designated lines below, the filing date and application number of said United States application when known;

which was filed on		as	
PCT Application Number PCT/EF	<sup>2</sup> 2011/071284	or/and	
United States Application Number	13991872		

and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said

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interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of ASSIGNOR to recover for past infringement thereof;

And for the consideration aforesaid, I/we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a relssue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I/we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense and that I will not execute any writing or do any act whatsoever conflicting with these presents,

And I/we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I/we declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I/we have signed this document as my/our own free act and that all of the foregoing is true and correct.

gamanamanana		
	-14 Maso DV3	Rodolphe HELIOT, Inventor
mated:		Marc BELLEVILLE, Inventor
		Sigrid THOMAS, Inventor

interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of ASSIGNOR to recover for past infringement thereof;

And for the consideration aforesaid, I/we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I/we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense and that I will not execute any writing or do any act whatsoever conflicting with these presents,

And I/we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I/we declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I/we have signed this document as my/our own free act and that all of the foregoing is true and correct.

Dated:		Rodolphe HELIOT, Inventor
Dated:	M Nasak XII	Marc BELLEVILLE, Inventor
Dated:	<u>, , , , , , , , , , , , , , , , , , , </u>	Sigrid THOMAS, Inventor

interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of ASSIGNOR to recover for past infringement thereof;

And for the consideration aforesaid, I/we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I/we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense and that I will not execute any writing or do any act whatsoever conflicting with these presents,

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I/we declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I/we have signed this document as my/our own free act and that all of the foregoing is true and correct.

Dated:		Rodolphe HELIOT, Inventor
Dated:		Marc BELLEVILLE, Inventor
Dated;	14 mars 2013	Squid Thomas Signid THOMAS, Inventor