504672703 12/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4719425

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
KOSTYANTYN VOROBYOV			11/30/2017
NIKOLAY KOSMATOV			11/30/2017
JULIEN SIGNOLES			11/30/2017
RECEIVING PARTY DA	ТА		
Name:	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES		
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City:	PARIS		
State/Country:	FRANCE		
Postal Code:	75015		
PROPERTY NUMBERS	Total: 1	Number	
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12/05/2017

Total Attachments: 4

DATE SIGNED:

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8D17325-070540 US PHA/MGU

ASSIGNMENT

 Kostyantyn VOROBYOV, a citizen of Australia (Australian nationality), residing at : 19/32-40 Sailors Bay Road, Northbridge, New South Wales, Australia 2063, and

 Nikolay KOSMATOV, a cilizen of France (Franch nationality), residing at ; 1018 Avenue Pierre Curia, 78120 SAINT-CYR-UECOLE, in France, and,

1. Julien SIGNOLES, e citizen of France (French nationality), residing at :7 rue Jean Jaurés, 94260 FONTENAY-AUX-ROSES, in France.

(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", 75015 PARIS- 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:: do hereby sell and assign to said ASSIGNEES, its successors and assigns, the entire indicated right, title, and interest, in and to my invention entitled:

A COMPUTER-IMPLEMENTED METHOD AND A SYSTEM FOR ENCODING A STACK APPLICATION MEMORY STATE USING SHADOW MEMORY

invented by malus and described in <u>European</u> patent application n° <u>16306629.3</u>, filed on <u>December 7</u>, <u>2016</u> including any United States patent application claiming priority thereto and bearing the above title as filed by me/us; l/we hereby authorize and request the law firms of Marks and Clerk France and <u>BAKER & HOSTETLER LLP</u>; to insert on the designated lines below, the filing date and application number of said United States application when known, to add or correct information stated in the assignment which identifies the U.S., PCT, and/or priority patent applications covering the "Invention" being assigned.

Filed on 11/29/17, as United States Application number 15/826,571

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 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, l/we hereby covenant and agree to and with said ASSIGNEES, its successors and assigns, that whenever ASSIGNEES, 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

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Invention, including interference proceedings, is lawful and desirable, or that a relasue 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 auccessors 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 ASSIGNEES.

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

live 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.

Nov 36, 2017 Dated:

KORTYAUTYU VOPOEYOV

Dated:

Nikolay KOSMATOV, inventor

Datest

Julien SIGNOLES, Inventor

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PATENT REEL: 044305 FRAME: 0065

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Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawfut and desirable, i/we will sign all papers and drawings, take all rightful caths 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 ASSIGNEES.

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:

Kostyantyn VOROBYOV, Inventor

Dated: 11,30,169

Nikolay Kosmator Nikolay Kosmatov, Invenior

Daied:

Julien SIGNOLES, inventor

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PATENT REEL: 044305 FRAME: 0066

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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 Petents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEES.

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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:

Kostyantyn VOROBYOV, Inventor

Dated:

Nikolsy KOSMATOV, Inventor

Dated: Nav 36,2617

Julia Sibado (ES ulion SigNOLES, Inventor

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PATENT REEL: 044305 FRAME: 0067

RECORDED: 12/05/2017