# 503617932 12/18/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3664563

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE		
CONVEYING PARTY DA	ATA			
		Name		Execution Date
M. ALEXANDER NUGEN	NT CONSUL	ΓING		12/09/2015
RECEIVING PARTY DA	ТА			
Name:	AFRL/RIJ			
Street Address:	26 Electron	ic Parkway		
City:	Rome			
State/Country:	NEW YOR	<		
Postal Code:	13441-4514			
PROPERTY NUMBERS	Total: 5		_	
Property Type		Number		
Application Number:	143	23451		
Application Number:	144	60668		
Application Number:	146	74428		
Application Number: 1470-		4394		
Application Number: 1472		22626		
	(315 Sent to the	) 330-7583 e-mail address first; if that is ur hat is unsuccessful, it will be se		
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		th.Decker@us.af.mil		
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SIGNATURE:		/JMD/		
DATE SIGNED:		12/18/2015		
Total Attachments: 5 source=13-C-0031a#page source=13-C-0031b#page source=13-C-0031c#page	1.tif	I		
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PATENT REEL: 037323 FRAME: 0078

Invention Title: KRAM Design Inventor(s): Alex Nugent, Timothy Molter

U.S. Filing/Issue Date: 8/15/2014

Patent or Application Serial No.: 14/460.666 Foreign Applications filed/intended in (countries):

Grant, Cooperative Agreement or Contract Number(s): FA8750-13-C-0031

Contractor: M. Alexander Nugent Consulting

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this	2	day_of	<u>Docember</u>	, 20 \(\)
By Alex No	gert (//			
(Name of Recipi	ent/Contractor Of	ficial & S	ignature)	
Title Pressid	ent			
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(Recipient/Contr	actor Organizatio	n)	1	
AI 22 B ST	ACYRDSK	UNITA F	E NUN OT	7505

(Business Address)

PATENT REEL: 037323 FRAME: 0079

Invention Title: AHeH Computing and Thermodynamic RAM Inventor(s): Alex Nugent, Timothy Molter

U.S. Filing/Issue Date: 5/6/2015

Patent or Application Serial No.: 14/674,428 Foreign Applications filed/intended in (countries):

Grant, Cooperative Agreement or Contract Number(s): FA8750-13-C-0031

Contractor: M. Alexander Nugent Consulting

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Invention Title: Thermodynamic-RAM Technology Stack Inventor(s): Alex Nugent, Timothy Molter

U.S. Filing/Issue Date: 5/27/2015

Patent or Application Serial No.: 14/722,626 Foreign Applications filed/intended in (countries):

Grant, Cooperative Agreement or Contract Number(s): FA8750-13-C-0031

Contractor: M. Alexander Nugent Consulting

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Signed this	4	day of <u>Dece</u>		, 20_/5
By Alex	Nyert	Mullo		
(Name of Rec	ipient/Contractor	Official & Signature)		
Title 225	det			
For M. Alex	ander Niscont	Care Atria		
(Recipient/Co	ntractor Organiza	ition)		
A1228 STR	KY RD, JAN	AFENM 8750	2	

(Business Address)

PATENT REEL: 037323 FRAME: 0081

Invention Title: Cortical Processing and Thermodynamic RAM Inventor(s): Alex Nugent, Timothy Molter

U.S. Filing/Issue Date: 5/5/2015

Patent or Application Serial No.: 14/704,394 Foreign Applications filed/intended in (countries):

Grant, Cooperative Agreement or Contract Number(s): FA8750-13-C-0031

Contractor: M. Alexander Nugent Consulting

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Signed this day of Decent <del>π0 .</del> 20 <sup>1</sup>5. (Name of Recipient/Contractor Official & Signature) Title

For M. Wexawled (Recipient/Contractor Organization)

AL 228 STACK RD. SAWTA FE NUM 67505 (Business Address)

Invention Title: Thermodynamic Computing

Inventor(s): Alex Nugent, Timothy Molter

U.S. Filing/Issue Date: 7/3/2014

Patent or Application Serial No.: 14/323,451

Foreign Applications filed/intended in (countries):

Grant, Cooperative Agreement or Contract Number(s): FA8750-13-C-0031

Contractor: M. Alexander Nugent Consulting

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Signed this	<u></u>	day of <u>}</u>	<u>senbar</u>	20/5 .
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For M. Alexa				
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**RECORDED: 12/18/2015**