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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
INTERNATIONAL BUSINESS MACHINES CORPORATION	07/22/2013

RECEIVING PARTY DATA

Name:	U.S. DEPARTMENT OF ENERGY
Street Address:	1000 INDEPENDENCE AVE., S.W.
City:	WASHINGTON
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12834464

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Date:	09/20/2013

Total Attachments: 1

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PATENT REEL: 031246 FRAME: 0650

CONFIRMATORY INSTRUMENT

APPLICATION FOR: Matrix Multiplication Operations Using Pair-Wise Load and Splat Operations

INVENTORS: Alexandre Eichenberger, John A Gunnels, Michael Gschwind,

Valentina Salapura

SERIAL NO. 12/834464	FILING DATE: 12-Jul-2010	
CONTRACTOR:	CONTRACT NO. B554331	
INTERNATIONAL BUSINESS		
MACHINES CORPORATION		

The Invention identified above is a "Subject Invention" under the Patent Rights Clause included in the above contract with:

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Signed this 22nd day of July, 2013

INTERNATIONAL BUSINESS MACHINES CORPORATION

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