504075812 11/01/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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ANTHONY NOWATZKI	08/30/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15241488	

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TTORNEY DOCKET NUMBER: P170013US01	
NAME OF SUBMITTER:	AMY KRUSE
SIGNATURE:	/Amy Kruse/
DATE SIGNED:	11/01/2016

Total Attachments: 3

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PATENT 504075812 REEL: 040185 FRAME: 0049

ASSIGNMENT (Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date			
			-			
COMPUTER ARCHITECTURE WITH SYNERGISTIC HETEROGENEOUS PROCESSORS						
PAT	UNITED STATES	15/241488	August 19, 2016			

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P170013US01 Wisconsin Alumni Research Foundation

> PATENT REEL: 040185 FRAME: 0050

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P170013US01

App.#: 15/241488, Filed: August 19, 2016

Date: 04/28/2016

Karthikeyan Sankaralingam 4809 Hillview Terr Madison, WI 53711 USA

State of Wisconsin

)88.

County of Dane

On this 28 1/2 day of September. 20/6 before me personally appeared Karthikeyan Sankaralingam, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

State Sowe Skofund
Notary Public

My Commission expires: April 10, 2020

PATENT

REEL: 040185 FRAME: 0051

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P170013US01

App.#: 15/241488, Filed: August 19, 2016

Inventor:

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County of Dane

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PUBLIC

William as as a series

RECORDED: 11/01/2016

On this 3/2 day of August, 20/6 before me personally appeared Anthony Nowatzki, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

Notary Public

My Commission expires: April 10, 2020

PATENT

Date: 8/30/2016

REEL: 040185 FRAME: 0052