506213067 08/20/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL JOHN WILLIAMS	07/27/2020
GRAEME PETER BARNES	08/03/2020
JOHN MICHAEL HORLEY	07/27/2020

RECEIVING PARTY DATA

Name:	ARM LIMITED	
Street Address:	110 FULBOURN ROAD, CHERRY HINTON	
City:	CAMBRIDGE	
State/Country:	UNITED KINGDOM	
Postal Code:	CB1 9NJ	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16971415	

CORRESPONDENCE DATA

Fax Number: (703)816-4100

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-816-4000

Email: PTOMAIL@nixonvan.com **Correspondent Name:** NIXON & VANDERHYE, PC Address Line 1: 901 NORTH GLEBE ROAD

Address Line 2: 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER: JRL-550-2673 NAME OF SUBMITTER: JOHN R. LASTOVA SIGNATURE: /John R. Lastova/ **DATE SIGNED:** 08/20/2020

Total Attachments: 2

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> **PATENT** REEL: 053551 FRAME: 0370 506213067

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Michael John Williams	, a resident of Ely, Cambridgeshire, United Kingdom,
(2) Graeme Peter Barnes	, a resident of Cambridge, Cambridgeshire, United Kingdom
(3) John Michael Horley	, a resident of Hauxton, Cambridgeshire, United Kingdom,

have invented certain new and useful improvements in:

A Method of Accessing Metadata When Debugging A Program To Be Executed On Processing Circuitry

US National Phase of PCT/GB2019/050123 Filed 17 Jan 2019

and have executed a declaration for an application for a United States Patent disclosing and identifying the invention, the last completed declaration being executed on 3 August 2020.

WHEREAS Arm Limited (hereinafter termed "Assignee"), a corporation organized and existing under the laws of the United Kingdom, having a place of business at 110 Fulbourn Road, Cambridge CB1 9NJ, United Kingdom, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration from said Assignee, the receipt-in-full and sufficiency of which are hereby acknowledged by said Inventor:

- I. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any and all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a re-examination certificate for any and all of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed essential by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor and said Inventor's legal representatives.

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any assignment, contract, or understanding in co. Said Inventor understands and	mflict herew agrees tha	at Assignee's attorneys
only Assignee with respect to this invention.	aave represe	nted only Assignee and will continue to represent
Date: 27 July 2020	(1)	/.Michael.John.Williams/ Michael John Williams
Date: 03 August 2020	(2)	/.Graeme Peter Barnes / Graeme Peter Barnes
Date: 27 July 2020	(3)	/ John Michael Horley / John Michael Horley