505178794 11/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5225563

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSHUA RANDALL	10/29/2018
ALEJANDRO RICO CARRO	10/29/2018
JOSE ALBERTO JOAO	10/29/2018
RICHARD WILLIAM EARNSHAW	11/02/2018
ALASDAIR GRANT	11/02/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	16182741				

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, P.C.

Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR

ARLINGTON, VIRGINIA 22203 Address Line 4:

ATTORNEY DOCKET NUMBER:	JRL-550-2373
NAME OF SUBMITTER:	JOHN R. LASTOVA
SIGNATURE:	/John R. Lastova/
DATE SIGNED:	11/07/2018

Total Attachments: 4

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PATENT REEL: 047433 FRAME: 0737

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> PATENT REEL: 047433 FRAME: 0738

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) Joshua Randall, a resident of Austin. Texas,
- (2) Alejandro Rico Carro, a resident of Austin, Texas,
- (3) Jose Alberto Joao, a resident of Austin, Texas,
- (4) Richard William Earnshaw, a resident of Fulbourn, United Kingdom, and
- (5) Alasdair Grant, a resident of Cambridge, United Kingdom,

have invented certain new and useful improvements in:

Apparatus and Method of Modification of Stored Data

and have	executed a	declaration	for an	application	for a	United	States	Patent	disclosing	and	identifying	the
invention,	the last cor	npleted decla	aration	being execu	ted on		No	vembei	2, 2018			

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.
- 3. 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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- 4. Said Inventor hereby warrants and represents that said Inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor understands and agrees that Assignee's attorneys Nixon & Vanderhye PC have represented only Assignee and will continue to represent only Assignee with respect to this invention.

Date: 10/29/2018	(1)_	fad Falle
		Joshua Randali
Date: 10/29/2018	(2)_	<u> </u>
		Alejandro Rico Carro
Date: <u>\\\/29\/Zo\/8</u>	(3)_	
		Jose Alberto Joao
Date:		
		Richard William Earnshaw
		en a ferman e mellou serven l'Aria effectiva fin fine atti fun An della generali di Samuran della Etherra e e e e l'Aria
Date:	` * T	Alasdair Grant

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- 4. Said Inventor hereby warrants and represents that said inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor understands and agrees that Assignee's attorneys Nixon & Vanderlive PC have represented only Assignee and will continue to represent only Assignee with respect to this invention.

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		Koshun Randall
Date	(2)	
		Alejandro Rico Carro
Divie	(3)	
		Jose Alberta Josa
Date Land November 2018	(4)	Richard William Earnshaw
Datie:	(Š)	
		Alsodor Count

- Said Inventor hereby warrants and represents that said Inventor has not entered and will not enter into
 any assignment, contract, or understanding in conflict here with.
- 5. Said Inventor understands and agrees that Assignee's attorneys Nixon & Vanderbye PC have represented only Assignee and will continue to represent only Assignee with respect to this invention.

Date:	
	Joshua Randail
Date:	(2)
	Alejandro Rico Carro
Date:	(3)
	Jose Alixeto Jose
Date:	(4)
	Richard William Earnshaw
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Dare: 2/11/15	(5) JYLYAAP
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