

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6373277

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the STATE OF INCORPORATION FROM "A CORPORATION OF DELAWARE" previously recorded on Reel 043655 Frame 0282. Assignor(s) hereby confirms the THE ASSIGNEE IS A CORPORATION OF IRELAND.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID MACDARA MOLONEY	09/11/2017
XIAOFAN XU	09/11/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LINEAR ALGEBRA TECHNOLOGIES LIMITED
<b>Street Address:</b>	1ST FLOOR O'CONNELL BRIDGE HOUSE, D'OLIER STREET
<b>City:</b>	DUBLIN
<b>State/Country:</b>	IRELAND
<b>Postal Code:</b>	2 662881
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2017047695
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(480)499-5758
<i>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.</i>	
<b>Phone:</b>	(480) 912-8698
<b>Email:</b>	della@allianceip.com, docket@allianceip.com
<b>Correspondent Name:</b>	DELLA L. GONZALES
<b>Address Line 1:</b>	20 E. THOMAS RD., SUITE 2200, PMB 96
<b>Address Line 2:</b>	ALLIANCE IP, LLC
<b>Address Line 4:</b>	PHOENIX, ARIZONA 85012
<b>ATTORNEY DOCKET NUMBER:</b>	MOV-8-PCT
<b>NAME OF SUBMITTER:</b>	DELLA L. GONZALES
<b>SIGNATURE:</b>	/Della L. Gonzales/
<b>DATE SIGNED:</b>	10/28/2020
<b>Total Attachments: 4</b>	
source=MOV-8-PCT-2020-10-27-FILED-Corrective-Assignment#page1.tif	
source=MOV-8-PCT-2020-10-27-FILED-Corrective-Assignment#page2.tif	

source=MOV-8-PCT-2020-10-27-FILED-Corrective-Assignment#page3.tif

source=MOV-8-PCT-2020-10-27-FILED-Corrective-Assignment#page4.tif

**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1

Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID MACDARA MOLONEY	09/11/2017
XIAOFAN XU	09/11/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LINEAR ALGEBRA TECHNOLOGIES LIMITED
<b>Street Address:</b>	1ST FLOOR O'CONNELL BRIDGE HOUSE, D'OLIER STREET
<b>City:</b>	DUBLIN
<b>State/Country:</b>	IRELAND
<b>Postal Code:</b>	2 662881
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2017047695
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)226-4837
<b>Phone:</b>	781-521-2485
<b>Email:</b>	lori@patcapgroup.com, docketing@patcapgroup.com
<i>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.</i>	
<b>Correspondent Name:</b>	LORI A. CALNAN
<b>Address Line 1:</b>	2816 LAGO VISTA LANE
<b>Address Line 2:</b>	PATENT CAPITAL GROUP
<b>Address Line 4:</b>	ROCKWALL, TEXAS 75032
<b>ATTORNEY DOCKET NUMBER:</b>	MOV-8
<b>NAME OF SUBMITTER:</b>	LORI A. CALNAN
<b>Signature:</b>	/Lori A. Calnan/
<b>Date:</b>	09/21/2017

**PATENT****REEL: 054241 FRAME: 0813**

9/21/2017 3:33 PM

**Total Attachments: 2**

source=MOV-8 Fully-Exctd Assgnmnt#page1.tif

source=MOV-8 Fully-Exctd Assgnmnt#page2.tif

**RECEIPT INFORMATION****EPAS ID:** PAT4605601**Receipt Date:** 09/21/2017**PATENT****REEL: 054241 FRAME: 0814**

### ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

**David Macdara Moloney and Xiaofan Xu**

hereby sell, assign, and transfer to:

**LINEAR ALGEBRA TECHNOLOGIES LIMITED**

David Macdara Moloney (Initial)
DM
Date Initial
19/11/2017
Xiaofan Xu (Initial)
XX
Date Initial
18/5/2017

→ Ireland  
a corporation of ~~Delaware~~, having a principal place of business at 1<sup>st</sup> Floor O'Connell Bridge House, O'Flaherty Street, Dublin 2 662881 Ireland ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

### **DYNAMIC CULLING OF MATRIX OPERATIONS**

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed 19 August 2017 as PCT Application Number PCT/US17/047695 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below, and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the

expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

David Moloney  
David Macdara Moloney

11/9/2017  
Date

Xiaofan Xu  
Xiaofan Xu

11/9/2017  
Date