508270615 12/07/2023 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY D	ATA						
		Name	Execution Date				
MARK TENZER			11/30/2023				
EMMANUEL TUNG			11/29/2023				
KHURRAM HASSAN-SI		11/29/2023					
ZEESHAN RASHEED			11/28/2023				
RECEIVING PARTY DA							
Name:	NOVAT	EUR RESEARCH SOLUTIONS					
Street Address:	20110 4	20110 ASHBROOK PLACE, STE. 275					
City:	ASHBU	ASHBURN					
State/Country:	VIRGIN	VIRGINIA					
Postal Code:	20147						
PROPERTY NUMBERS	Total: 1						
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		Numero	7				
Property Type		Number					
Property Type		Number 18532557]				
Property Type Application Number:							
Property Type Application Number: CORRESPONDENCE E Fax Number:	DATA	(443)283-7000]				
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Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	DATA be sent to provided	(443)283-7000 <i>the e-mail address first; if that is uns</i> <i>; if that is unsuccessful, it will be ser</i> 4432837000 rahman@rahmanllc.com RAHMAN LLC 5850 WATERLOO ROAD					
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA be sent to provided	(443)283-7000 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 4432837000 rahman@rahmanllc.com RAHMAN LLC 5850 WATERLOO ROAD SUITE 140					
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUM	DATA be sent to provided	(443)283-7000 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 4432837000 rahman@rahmanllc.com RAHMAN LLC 5850 WATERLOO ROAD SUITE 140 COLUMBIA, MARYLAND 21045 NRS.1003					
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA be sent to provided	18532557 (443)283-7000 the e-mail address first; if that is uns ; if that is unsuccessful, it will be ser 4432837000 rahman@rahmanllc.com RAHMAN LLC 5850 WATERLOO ROAD SUITE 140 COLUMBIA, MARYLAND 21045 NRS.1003 MOHAMMAD S. RAHMAN					
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME AME OF SUBMITTER: SIGNATURE:	DATA be sent to provided	18532557 (443)283-7000 the e-mail address first; if that is uns ; if that is unsuccessful, it will be ser 4432837000 rahman@rahmanllc.com RAHMAN LLC 5850 WATERLOO ROAD SUITE 140 COLUMBIA, MARYLAND 21045 NRS.1003 MOHAMMAD S. RAHMAN /MohammadSRahman/	nt via US Mail.				

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source=NRS.1003_DecAssign_Rasheed_12072023#page1.tif

Title of Invention: GENERATING TRAJECTORIES FROM IMPLICIT NEURAL MODELS

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to: [x] the attached application, or [] United States application or PCT international application number _______ filed on ______.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

Whereas, I (hereinafter referred to as the "ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the title of the Invention given above and the docket number provided in the footer section below;

Whereas, <u>Novateur Research Solutions</u> (hereinafter referred to as the "ASSIGNEE"), <u>a limited liability company</u> organized under the laws of Virginia, having a place of business at 20110 Ashbrook Place, Ste. 275, Ashburn, VA 20147, as of the signing of this document, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I acknowledge my prior and ongoing obligation to sell, assign, and transfer unto the ASSIGNEE, the entire worldwide right, title, and interest for the United States and all foreign countries, in and to the Invention and improvements conceived thereof, and I hereby sell, assign, and transfer unto the ASSIGNEE, its successors and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefore in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and derivatives thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States official letters patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this document not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this document or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives. or assigns.

I am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred to the ASSIGNEE, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this document any further identification, which may be necessary or desirable for recordation of this document. This document is governed by the substantive laws of <u>Virginia</u>.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

Name of Inventor: Mark Tenzer

Signature:	Martino
	A Street

Date: November 30, 2023

Docket No. NRS.1003

PATENT REEL: 065802 FRAME: 0772

Title of Invention: GENERATING TRAJECTORIES FROM IMPLICIT NEURAL MODELS

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to: [x] the attached application, or [] United States application or PCT international application number ______ filed on ______.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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Name of Inventor: Emmanuel Tung

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re: <u>Cul Jung</u> Date: Nov. 29th, 2023

Docket No. NRS.1003

PATENT REEL: 065802 FRAME: 0773

Title of invention: GENERATING TRAJECTORIES FROM IMPLICIT NEURAL MODELS

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to: [x] the attached application, or [] United States application or PCT international application number ______ filed on ______.

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Name of Inventor: Khurram Hassan-Shafique 200

Signature:

______Date: _______Date: ________

Docket No. NRS.1003

PATENT REEL: 065802 FRAME: 0774

Title of Invention: GENERATING TRAJECTORIES FROM IMPLICIT NEURAL MODELS

As a below named and undersigned inventor, I hereby declare that:

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

Name of Inventor: Zeeshan Rasheed

Signature:

- Shan

Date: _____November 28th, 2023

Docket No. NRS.1003

PATENT REEL: 065802 FRAME: 0775

RECORDED: 12/07/2023