508292435 12/19/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEVANAND R	02/27/2020
NARAYAN NANDEDA	02/27/2020
TUSHAR SHEKHAR	02/27/2020

RECEIVING PARTY DATA

Name:	JDA SOFTWARE GROUP, INC.	
Street Address:	15059 N. SCOTTSDALE RD., SUITE 400	
City:	SCOTTSDALE	
State/Country:	ARIZONA	
Postal Code:	85254	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18543678

CORRESPONDENCE DATA

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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: 602-333-5440

Email: slaureanti@spencerfane.com
Correspondent Name: STEVEN J. LAUREANTI

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ATTORNEY DOCKET NUMBER:	5029021-0916	
NAME OF SUBMITTER:	STEVEN J. LAUREANTI	
SIGNATURE:	/Steven J. Laureanti/	
DATE SIGNED:	12/19/2023	

Total Attachments: 4

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PATENT 508292435 REEL: 065911 FRAME: 0984

ASSIGNMENT

In consideration of my agreement(s) with JDA Software Group, Inc. and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, , I, Devanand R, an individual residing in Flat 231, Wing 6, Innovative Oak Garden, Panathur, 560103, Bangalore, I, Narayan Nandeda, an individual residing in 15/20, Anand Villa, Station Road Unhel, District, Ujjain, Madhya Pradesh, 456221, India, and I, Tushar Shekhar, an individual residing in 22D Habitat Crest, Opposite Zuri Hotel, ITPL Main Road, Hoodi, Whitefield, Bengaluru 560048, India, (collectively referred to herein as the "ASSIGNOR"), do hereby irrevocably assign, transfer, set over, convey, and deliver, and will irrevocably assign, transfer, set over, convey, and deliver to JDA Software Group, Inc. a Delaware corporation, having a principal place of business located at 15059 N Scottsdale Rd, Ste 400, Scottsdale, Arizona 85254, its successors and assigns (collectively referred to herein as "ASSIGNEE"), all of my right, title, and interest in, to, and under any and all subject matter disclosed and/or claimed in the application(s) for patent, titled:

DOMAIN-AWARE DECOMPOSITION FOR SUPPLY CHAIN MASTER PLANNING USING LINEAR PROGRAMMING

filed in the U.S. Patent and Trademark Office on February 18, 2020, and assigned Application No. 16/793,221; a copy of which has been provided to me and I have reviewed; in, to and under the application(s) and any and all utility, design, provisional, nonprovisional, continuation, continuation-in-part, continued prosecution, request-for-continuedexamination, and divisional applications thereof; in, to, and under, my exclusive right to make and prosecute any and all applications for patents, reissues, renewals, and extensions thereof; in, to, and under any and all patents and Convention and Treaty rights of all kinds, in the United States of America and all other countries throughout the world, for all such subject matter; in, to, and under any and all know-how and/or confidential, proprietary, and/or trade secret information relating to any such subject matter, applications, patents, and/or technology; in, to, and under the right to sue for present, past, and future infringement or misappropriation relating to any such subject matter, applications, patents, and/or technology; in, to, and under the right to enforce any rights and file any causes of action, in law and/or equity, relating to any such subject matter, applications, patents, and/or technology; and in, to, and under the right to all income, royalties, fees, damages, and payments now or hereafter due or payable in respect to any such subject matter, applications, patents, and/or technology. The right, title, and interest is and shall be held and enjoyed by ASSIGNEE and its successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNOR had this assignment not been made. I request the applicable official having authority to issue patents and/or corresponding rights to issue same on the subject matter of the invention(s) to ASSIGNEE, its successors and assigns, and, if called upon by ASSIGNEE, its successors, assigns, or legal representatives, I agree to promptly sign any and all documents necessary to secure any and all such patents and/or rights and for issuance of same to ASSIGNEE or its successors and assigns.

I covenant with ASSIGNEE, its successors, assigns, and legal representatives, which the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

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I grant to ASSIGNEE, its successors, assigns, and legal representatives the power to insert on this Assignment any further identification, including the application numbers and filing dates, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and/or any other patent office in any other country throughout the world, for recordation of this document.

I confirm that I have not made any agreement in conflict with this Assignment. I further agree that I will provide information within my knowledge or belief, and do any and all other relevant things that ASSIGNEE, its successors, assigns, or legal representatives deem necessary or desirable and request of me in connection with obtaining and/or maintaining any such patents and/or rights; in connection with any proceeding, controversy, and/or litigation pertaining to any such patents and/or rights; in order to perfect and/or enforce the ownership by ASSIGNEE, its successors and assigns, of the right, title, and interest conveyed by this Assignment; and/or in connection with this Assignment, without payment of consideration to me beyond that called for in my written agreement with ASSIGNEE on the understanding, however, that ASSIGNEE will bear all reasonable expenses actually incurred for or in connection with such matters. This Assignment and the obligations assumed by me shall be binding on my heirs and personal representatives.

Date: <i>27 </i>	I Dran and
Date: The Control of	Devanand R
	Jari
	1* Witness Signature
	RASHID
	1* Witness Printed Name
	Waxi Nat
	2 nd Witrless Signature
	Phani Mitra
	2 nd Witness Printed Name

Date: <u>37 F/6 x920</u>	Narayan Nandeda
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	1 st Witness Signature
	RASHID
	1 st Witness Printed Name
	Mari Mil
	² ^{re} ₩itness Signature
	Mani Milha 2 nd Witness Printed Name
	2 nd Witness Printed Name

Date: 27 216 2020

RECORDED: 12/19/2023

⊮st≒ar Shekhar

1st Witness Signature

RASHID

1st Witness Printed Name

2" Witness Signature

2rd Witness Printed Name