504596157 10/16/2017 PATENT ASSIGNMENT COVER SHEET

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	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
NARASIMHA B. KAMA	ГН		03/05/2012		
DEVENDER CHAUHAN	1		03/05/2012		
DEBA KALYAN MOHAN	VTY		03/05/2012		
DINESH DAMODARAN	I		03/05/2012		
RECEIVING PARTY DA	 \ ТА				
Name:	JDA SC	JDA SOFTWARE GROUP, INC.			
Street Address:	14400	14400 NORTH 87TH STREET			
City:	SCOTT	SCOTTSDALE			
State/Country:	ARIZON	NA			
Postal Code:	85260				
PROPERTY NUMBERS	S Total: 1				
Property Type		Number			
Application Number:		15728091			
	I				
CORRESPONDENCE I	ΔΤΑ				
Fax Number:(480)		(480)464-5692			
) the e-mail address first; if that is I: if that is unsuccessful, it will be			
	provided) the e-mail address first; if that is I; if that is unsuccessful, it will be 480-464-1111			
using a fax number, if	provided	l; if that is unsuccessful, it will be			
<i>using a fax number, if</i> Phone: Email: Correspondent Name:	provided	I; if that is unsuccessful, it will be 480-464-1111 slaureanti@jacksonwhitelaw.com STEVEN J. LAUREANTI	sent via US Mail.		
<i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	provided	I; if that is unsuccessful, it will be 480-464-1111 slaureanti@jacksonwhitelaw.com STEVEN J. LAUREANTI 40 NORTH CENTER STREET, SUI	sent via US Mail.		
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<i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	provided	I; if that is unsuccessful, it will be 480-464-1111 slaureanti@jacksonwhitelaw.com STEVEN J. LAUREANTI 40 NORTH CENTER STREET, SUI	sent via US Mail.		
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using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	UMBER:	<i>I; if that is unsuccessful, it will be</i> 480-464-1111 slaureanti@jacksonwhitelaw.com STEVEN J. LAUREANTI 40 NORTH CENTER STREET, SUI MESA, ARIZONA 85201 1180.5031C2	sent via US Mail.		
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PATENT APPLICATION ASSIGNMENT

WHEREAS we, Narasimha B. Kamath, having a correspondence 560037, Januara Flushing Meadows Apartments Opp. Ferns City, Doddanekundi, Brandere 560037, Januara INDIA, Devender Chauhan, having a correspondence address of H-103, Purva Fountainsquare, Marathahalli, Bangalore-560037 INDIA, Deba Kalyan Mohanty, having a correspondence address of B201, UKN Esperanza, Thuburahalli, Varthur Hobli, Bangalore 560066, INDIA and Dinesh Damodaran, having a correspondence address of 901, Block 12, SunCity Apartments Outer Ring Rd Sarjapur Rd Junction, Ibblur, Bangalore-560034 INDIA; have invented a new and useful

System and Method of Solving Supply Chain Campaign Planning Problems Involving Major and Minor Setups

for which application is being made for Letters Patent, said application being identified as Application No. 13/357,915 (Attorney Docket No. 1180.5031).

WHEREAS, JDA Software Group, Inc., a corporation of the State of Delaware, having a correspondence address at 14400 North 87th Street, Scottsdale, Arizona 85260, is desirous of acquiring our entire right, title, and interest in said invention, applications, and any Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign to said corporation for the territory of the United States of America and the entire world our entire right, title, and interest in and to said invention, any patent applications filed therefor, and any patents that may issue thereon, including any provisional, design, utility, divisional, continuation, continuation-in-part, reissue, reexamination, and international applications, and any patents that may issue thereon, and including all priority rights for patent applications foreign to the United States of America.

We HEREBY covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.



NOTARY

Patent Application Assignment Attorney Docket No. 1180,5031 Application No. 13/357,915 Page 1 of 5

IN TESTIMONY WHEREOF, we execute this Patent Application Assignment on the dates set forth below.

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Date: OS MARCH 2012

Narasimha B. Kamath

STATE OF KARNATAKA, INDIA

On this <u>os</u> day of <u>MARCH</u>, 2012, before me, a Notary Public in and for the State aforesaid, personally appeared Narasimha B. Kamath, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

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Notary Public, State of KARNATARA, INDIA

Patent Application Assignment Attorney Docket No. 1180.5034 Application No. 13/357,915 Page 2 of 5

Date: 05 MARCH 2012

Sin

Devender Chauhan

STATE OF KARNATAKA, INDIA

On this <u>of</u> day of <u>MALCH</u>, 2012, before me, a Notary Public in and for the State aforesaid, personally appeared **Devender Chauhan**, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

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Notary Public, State of KMRINATAKA, INDIA



NOTARY

Patent Application Assignment Attorney Docket No. 1180.5031 Application No. 13/357,915 Page 3 of 5

Date: <u>05 MARCH 2012</u>	low wong
	Deba Kalyan Mohanty
т.	
STATE OF KARNATAKA INDIA	Ş
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On this <u>65</u> day of <u>MARCH</u>, 2012, before me, a Notary Public in and for the State aforesaid, personally appeared **Deba Kalyan Mohanty**, known to me to be the person named above who signed and scaled the foregoing instrument, and acknowledged the same to be his own free act and deed.

Notary Public, State of KARNATAKA INDIA



8.

Patent Application Assignment Attorney Docket No. 1180.5031 Application No. 13/357,915 Page 4 of 5

Date: 05 MARCH 2012

Dinesh Damodaran

STATE OF KARNATARA INDIA

On this <u>os</u> day of <u>MARCH</u>, 2012, before me, a Notary Public in and for the State aforesaid, personally appeared **Dinesh Damodaran**, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

\$ \$ \$

Notary Public, State of KARWATALA, INDIA

SWORN TO BEFORE ME

 N. SHANKAK ADVOCATE & NOTARY KAUMUDI
No. 23-24, IllCross, Samyadri Layout, Pandu Ranga Nagar
Bannerghatta Main Road
BANGALORE - 560 076
C.No. 989/97 - MYS. 44/66

MARY

Patent Application Assignment Attorney Docket No. 1180.5031 Application No. 13/357,915 Page 5 of 5

> PATENT REEL: 043875 FRAME: 0827

RECORDED: 10/16/2017