502405427 07/01/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Manish Chauhan	06/17/2013
Dhiraj Nahar	06/17/2013
Sumit Pal	06/17/2013
Sameer Shah	06/17/2013

RECEIVING PARTY DATA

Name:	Dassault Systemes Simulia Corp.
Street Address:	166 Valley Street
City:	Providence
State/Country:	RHODE ISLAND
Postal Code:	02909

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	IB2013053401

CORRESPONDENCE DATA

Fax Number: 9783410136

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 978-341-0036

Email: Sharon.Stanizzi@hbsr.com

Correspondent Name: Mary Lou Wakimura

Address Line 1: 530 Virginia Road, P.O. Box 9133

Address Line 2: Hamilton, Brook, Smith & Reynolds, P.C.

Address Line 4: Concord, MASSACHUSETTS 01742-9133

ATTORNEY DOCKET NUMBER:	4412.1012-000 PCT		
NAME OF SUBMITTER:	Sharon Stanizzi		
Signature:	/Sharon Stanizzi/		

502405427 REEL: 030723 FRAME: 0511

IB2013053401

CH \$40.00

Date:	07/01/2013
Total Attachments: 4 source=44121012000_ASG#page1.tif source=44121012000_ASG#page2.tif source=44121012000_ASG#page3.tif source=44121012000_ASG#page4.tif	

PATENT REEL: 030723 FRAME: 0512

Joint

ASSIGNMENT

WHEREAS, we, Manish Chauhan, Dhiraj Nahar, Sumit Pal and Sameer Shah, have invented a certain improvement in Generating A CAD Model From A Finite Element Mesh described in an application for Patent,

	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
	is about to be filed in the United States Patent Office as a Provisional Application
	the specification of which is United States Application No. [], filed [];
\boxtimes	the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/IB2013/053401, filed April 30, 2013, which designates the United States of America;
	which was patented under United States Patent No. [].

WHEREAS, Dassault Systèmes Simulia Corp. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Rhode Island, and having a usual place of business at 166 Valley Street, Providence, Rhode Island 02909 desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

1460723 1

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved:

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

	1	
Inventor_	Hould	Date 17/06/2013
	Manish Chauhan	t
Address	3dplm Software Solutions Ltd.	managadus.
134757920-757457134111300000000000000000000000000000000	Plot No.15/B	***************************************
na de han e de trois e de la constante de la c	411057 Pune. Maharashtra	
	India	
Witness Signature	e Or anout	
Print Witness Nan	ne Yogesh Raviet	NAMES OF THE PROPERTY OF THE P
	DLM Coftware Solutions Ltd.	
	t No 15/B Pune 411057, India	
Witness Signature	Maledin	
	ne Mahadeyy Ramini	
		He
Plo	+ NO. 15/B fane 411057, Inc	.t.\a

-2-

	Inventor	Wholac	Date	17/06/2013
		Dhiraj Nahar		j ,
	Address	3dplm Software Solutions Ltd.		
		Plot No.15/B		
		411057 Pune, Maharashtra		
	- The second of	India		
Witnes	s Signature	Marat		
Print W	itness Nam	e Yogesh Rawat		
Addres	S	3DPLM Sefficiere Solution	rs ofta.	
		Plot No 15/B Pure 4110		
Witnes	s Signature	Mahadh		
		e Mahadeyu Kamuni	THE RESERVE OF THE PROPERTY OF	
Addres	s <u> </u>	LM software Solutions	140	
		NO. 15/B. Plane-411057	de .	
				N
	Imagorators	4	Dat	17/20/2012
	Inventor	Sumit Pal	Date	17/06/2013
	THEORYTHIA	Sumit Pal 3dplm Software Solutions Ltd.	Date	17/06/2013
	THEORYTHIA		Date	17/06/2013
	THEORYTHIA	3dplm Software Solutions Ltd.	Date	17/06/2013
	THEORYTHIA	3dplm Software Solutions Ltd. Plot No.15/B	Date	17/06/2013
	THEORYTHIA	3dplm Software Solutions Ltd. Plot No.15/B 411057 Pune, Maharashtra India	Date	17/06/2013
Witness	Addresss Signature_	3dplm Software Solutions Ltd. Plot No.15/B 411057 Pune, Maharashtra India	Date	2 17/06/2013
Witness Print W	Addresss Signature_	3dplm Software Solutions Ltd. Plot No.15/B 411057 Pune, Maharashtra India Vogesh Rawal		2 17/06/2013
Witness Print W	Addresss Signature_ vitness Nam	3dplm Software Solutions Ltd. Plot No.15/B 411057 Pune, Maharashtra India	del	
Witness Print W Address	Signature Vitness Nam s	3dplm Software Solutions Ltd. Plot No.15/B 411057 Pune, Maharashtra India Punk Yogesh Rawal Punk Software Solutions Ltd.	del.	
Witness Print W Address Witness	s Signature Vitness Nam s	3dplm Software Solutions Ltd. Plot No.15/B 411057 Pune, Maharashtra India E Yogesh Rawal PLM Software Solutions Ltd.	4d. 57. In 3	
Witness Print W Address Witness Print W	Addresss Signatures Signatures Signatureitness Nam	3dplm Software Solutions Ltd. Plot No.15/B 411057 Pune, Maharashtra India Punut e Yogesh Rawal Pun Software Solutions Ltd. It No 15/B Pune 4110 Mahadadh	M. S7 In a	

- 3 -

Inventor	Date	19/6/13
Sameer Shah		, , , , , , , , , , , , , , , , , , ,
Address Manik, 49/34 A Erandwane,	······································	
Gulmohur Path		
411004 Pune, Maharashtra	Principal Control of the Control of	
India	****	
Witness Signature Whitat		
Print Witness Name Yogesh Rawat		THE STREET S
Address 3 DPLM Seffuere Solutions oftel		
Plot No 15/B Pune 411057 1	ndia	
Witness Signature Mathaliu		
Print Witness Name Mahadelle Ramini		respectation of the state of th
Address 3P PIM Software Solutions 1td	*	
Apt NO. 15/B, Pune 411057, I	<u>wdia</u>	NAMENTALISMOSTI (1971-1981-1981) A MARIEN MERCHANISMOSTI (1971-1981) A MARIEN NAMEN (1971-1981) A MARI

-4-

PATENT REEL: 030723 FRAME: 0516

RECORDED: 07/01/2013