<24-99	Page 1 of
FORM PTO-1595 RECORD, (Rev. 6-93)	06-02-1999 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
I the man and	Patent and Trademark Office
To the Honorable Commissioner of Patents and	101051420 documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies)
Vadim Kleyman Asa Gray Trainer Milos Zupanski	Name: Parametric Technology Corporation Internal Address:
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	
Nature of conveyance	15.
☑ Assignment ☐ Merger	Street Address: 125 Technology Drive 18
☐ Security Agreement ☐ Change of Name	
☐ Other	City: Waltham State: MA ZIP: 02453
Execution Date: May 13, 1999	Additional name(s) & address(es) attached? ☐ Yes ☑ No
A. Patent Application No.(s)	B. Patent No.(s)
5. Name and address of party to whom correspondence	tached? ☐ Yes ☒ No 6. Total number of applications and patents involved:
concerning document should be mailed:	1
Name: Thomas V. Smurzynski, Esq.	7. Total fee (37 CFR 3.41)\$ \$40.00
Internal Address: Lahive & Cockfield, LLP	⊠ Enclosed
	☐ Authorized to be charged to deposit account
Street Address: 28 State Street	Deposit account number:
	12-0080
City: Boston State: MA ZIP: 02109	
DO NOT US	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing informathe original document. Output Description:	tion is true and correct and any attached copy is a true copy of
Faustino A. Lichauco, Esq.	5/24/95
Name of Person Signing Total number of pages including co.	Signature Date ver sheet, attachments, and document:
Total Hamber of pages including cos	4
Mail documents to be recorded wi	th required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT REEL: 009984 FRAME: 0033

ASSIGNMENT

I, Vadim Kleyman, of Andover, Massachusetts, in consideration of One Dollar and other valuable consideration paid to me by

PARAMETRIC TECHNOLOGY CORPORATION

a corporation of Massachusetts, having its principal place of business at 125 Technology Drive, Waltham. MA 02453, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

PARAMETRIC TECHNOLOGY CORPORATION

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

Method and System for Management of Heterogenous Assemblies described in an application X executed by me of even date herewith and about to be filed Serial No., filed on

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument. and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 13 day of may, 1999. By: Vadim Kleyman

Commonwealth of Massachusetts County of Maddles El

Then personally appeared the above named Vadim Kleyman and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 13 day of 7) 164, 1999.

My commission expires: 7/10/03

PATENT ¹REEL: 009984 FRAME: 0034

ASSIGNMENT

I, Asa Gray Trainer, of Framingham, Massachusetts, in consideration of One Dollar and other valuable consideration paid to me by

PARAMETRIC TECHNOLOGY CORPORATION

a corporation of Massachusetts, having its principal place of business at 125 Technology Drive, Waltham, MA 02453, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

PARAMETRIC TECHNOLOGY CORPORATION

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

PATENT REEL: 009984 FRAME: 0035

ASSIGNMENT

I, Milos Zupanski, of Framingham, Massachusetts, in consideration of One Dollar and other valuable consideration paid to me by

PARAMETRIC TECHNOLOGY CORPORATION

a corporation of Massachusetts, having its principal place of business at 125 Technology Drive, Waltham, MA 02453, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

PARAMETRIC TECHNOLOGY CORPORATION

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

Method and System for Management of	Heterogenous Assemblies
described in an application	
X executed by me of even date herewith and about	to be filed
Serial No. , filed on	
in the United States Patent and Trademark Office, and in all Lecountries which may or shall be granted on said invention, or adivisional, continuing, reissue or other applications based in ward my executors and administrators, with said corporation a expense and charges, hereafter to execute all applications, am and to do all acts necessary or proper to secure the grant of Lecountries to said corporation, with specifications and claims in of said corporation and to vest and confirm in said corporation such patents.	any parts thereof, or on said application, or any whole or in part thereon. And I agree, for myself and its successors and assigns but at its or their needed specifications, deed or other instrument, atters Patent in the United States and in all other in such form as shall be approved by the counsel
And I do hereby authorize and request the Commissi States to issue such Letters Patent as shall be granted upon sa said corporation, its successors and assigns.	
WITNESS my hand and seal this day of	By: Milos Zupanski
Commonwealth of Massachusetts) Sounty of Maddesex) Then personally appeared the above named Milos Zupanski and nis/her free act and deed, before me, this day of	d acknowledged the foregoing instrument to be

PATENT RECORDED: 05/24/1999 REEL: 009984 FRAME: 0036