Based on FORM PTO-1595 (Rev. 08/05) as modified by Blakely, Sokoloff, Taylor & Zafman (wir) 11/30/2005

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Recordation Form					
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Execution Date: 4/25/07  4. Application number(s) or patent number(s):	Additional name(s)& address(es) attached?  No Yes is document is being filed together with a new application.				
A. Patent Application No.(s) 11/607,196	B. Patent No.(s)				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: Blakely, Sokoloff, Taylor & Zafman LLP  Internal Address:  Street Address: 12400 Wilshire Boulevard  7th Floor	7. Total Fee (37 CFR 3.41)\$ 40.00  Enclosed Authorized to be charged to deposit account  8. Deposit Account Number:				
City:         Los Angeles         State:         CA         ZIP:         90025           Phone Number:         (408) 720-8300           Fax Number:         (408) 720-8383           E-mail Address:         dan_devos@bstz.com	02-2666 (Attach duplicate copy of this page if paying by deposit account)				
Statement and signature.	SE THIS SPACE  Feorrect and any attached copy is a true copy of the original document				
Daniel M. DeVos	May 11, 2007				
Name of Person Signing	Signature Date				
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office

P.O. Box 1450 Alexandria, VA 22313-1450

Docket No. 7917P002

**PATENT REEL: 019316 FRAME: 0854**  Attorney's Docket No.: 7917.P002

## **ASSIGNMENT**

### Fady Chamich and Elias Eddé (the "Inventors")

have represented, and hereby acknowledge and confirm, that all right, title and interest of the Inventors in and to the Inventions and the Patent Rights (both as defined below) resided with:

#### Murex S.A.S.

a French société par actions simplifiée having its principal office at 8 rue Bellini 75116 Paris, France, and registered with the Paris Registry of Commerce and Companies under n° Paris B 695 869 ("Assignee"), and its successors, assigns, and legal representatives on or before November 30, 2006.

The Patent Rights consist of the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements (the "Invention") that are disclosed in the application for the United States patent that was filed December I, 2006, and assigned Application No. 11/607,196 and that is entitled:

# PARALLELIZATION AND INSTRUMENTATION IN A PRODUCER GRAPH ORIENTED PROGRAMMING FRAMEWORK.

including the right to file; and all right, title and interest in and to said application (provisional or non-provisional), and all provisional, non-provisional, design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, reexamination, and all other patent applications that shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States application.

To the extent any right, title and interest in the Inventions and/or the Patent Rights remains with the Inventors, each of the Inventors, for good and valuable consideration receipt of which is hereby acknowledged, hereby assigns unto Assignee all such right, title and interest, with effect retroactive to November 30, 2006. Inventors hereby acknowledge and confirm their agreement that said Assignee may apply for and receive a patent or patents for the Invention in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, design, utility, divisional, continuing, continuation-in-part, substitute,

PATENT

renewal, reissue, reexamination, and all other patent applications on any and all said Invention; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to the Invention and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for the Invention and for vesting title to the Invention, and all applications for patents and all patents on said Invention, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

### Please Sien and Date Below:

Name: Fady Chamieh	Name: Elias Eddé
Date: 25/04/2007	Date: 25/04/2007
Signed for and on behalf of	
Murex S.A.S.	
Jan LC	
By Jean-Gabriel Eddé	
Title: Directeur Général	
Date: 35/04/2007	

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (408) 720-8300

REEL: 019316 FRAME: 0856

CEE TO ANOMITTAL				Complete i	f Known				
FEE TRANSMITTAL for FY 2006 Patent fees are subject to annual revision.		Application Num		607.196					
		Filing Date		ember 1, 2	.006				
		First Named Inve		ly Chamieh					
		Examiner Name	Ass	signment	,- 1-, 1-, <u>1-, 1-, 1-, 1-, 1-, 1-, 1-, 1-, 1-, 1-, </u>				
TOTAL AMOUNT OF PAYMENT (\$) 40,00		Art Unit Attorney Docket	No. 701	715000					
	TOTAL AMOUNT OF PAYMENT (\$) 40.00 Attorney Docket No. 7917P002								
				that apply)					
☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify):									
Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP									
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2053	130	2053	130		Surcharge - late provisional filing fee or cover sheet.				
1251	120	2251		Non-English specification					
1252	450	2252		Extension for reply within first month					
1253	1,020	2253	510	Extension for reply within second month					
1254	1,590	2254		Extension for reply within third month					
	·			Extension for reply within fourth month					
1255	2,160	2255		Extension for reply within fifth month					
1401	500	2401		Notice of Appeal					
1402	500	2402	250	Filing a brief in support of an appeal					
1403	1,000	2403	500	Request for oral hearing					
1451	1,510	2451	1,510	Petition to institute a public use proceeding					
1460	130	2460	130	Petitions to the Commissioner					
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)					
1806	180	1806	180	Submission of Information Disclosure Stmt					
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))					
1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b))						• •			
Other fee (specify) Assignment Recordation fee 40.00									
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SUBMITTER					Registration No.	<u> </u>	1	lete (if applicable)	
Name (Pmi/Type) Daniel M. DeVos Registration No. (Attorney/Agent) 37,813 Telephone (408) 720-8300					(408) 720-8300				
Signature		January 1					Date	05/11/07	

Based on PTO/SB/17 (12-04) as modified by Blakely, Solokolf, Taylor & Zalman (wir) 12/15/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL			Complete if Known					
for FY 2006 Patent lees are subject to annual revision.		Application Numb	1 10 2 10 10 10 10 10 10 10 10 10 10 10 10 10	/607,196				
		Filing Date First Named Inve		ecember 1, 2	20-14			
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METHO	OF PAY	MENT (c	heck all	that apply)				
□Check □Credit card □ Money Order □None □Other (please identify):								
Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP								
For the a	above-ide	ntified de <sub>l</sub>	oosit acc	ount, the Director is I	hereby authorized	to: (check all th	at apply)	
		) indicated				fee(s) indicated	below, except	for the filing fee
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1254	1,590	2254		Extension for re	• •			
1255	2,160	2255		Extension for re	•	month		
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1402	500	2402	250	Filing a brief in s	support of an	appeal		
1403	1,000	2403	500	Request for ora	l hearing			
1451	1,510	2451		Petition to institu	•	se proceedir	na	
1460	130	2460		Petitions to the Commissioner				
1807	50	1807		Processing fee under 37 CFR 1.17(q)				
1806	180	1806		Submission of Information Disclosure Stmt				
1809	790	1809						<u>,,                                   </u>
1809 790 1809 395 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b))								
Other fee (specify) Assignment Recordation fee 40.00								
SUBTOTAL (2) (\$) 40.00								
SUBMITTEI Name (Print/Type		el M. DeV	Voc.	<del></del>	Registration No.	25 022		lete (if applicable)
	" Dam	ei iai' De	v US		(Attomey/Agent)	37,813	Telephone	(408) 720-8300 05/11/07
Signature	I			~			Date	I 03/11/0/ I

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FACSIMILE COVER SHEET

eliver to:	Assignment, USPTO	Art Group:	
acsimile No.:	571-273-0140	Date:	May 17, 2007
rom:	Daniel M. DeVos, Re	eg. No. 3 <u>7,813</u>	
ur Docket No.:	7917P002	No. of pages inc	cluding this sheet: 6 .
pplication No.:	11/607,196 Filing		Docket Due Date(s): <u>6/3/2007</u>
Amendment: Appeal Brief Application: (pgs v Assignment of Certificate of Declaration of Drawings: Extension of Fee Transmi	(in triplicate) (pg // cover & abstract & Cover Sheet (3 pgs)  E POA (pgs)sheets,figure	Request for Request & Control Request for Request & Control Request & Control Request & Control Request & Control Request to Request Control Response to Terminal D	ppeal  Continued Examination (RCE)  Cumpgs) Certification Under 35 USC  (B)(i) Rescind Previous Nonpublication  Written Opinion ( pgs)  Pisclaimer  of Publication Fee Due

	5/1 <u>7/07</u>
Mike Mendoza	Date

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PATENT REEL: 019316 FRAME: 0859

**RECORDED: 05/17/2007**