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Jagadish Bandhole Sekaran Nanja	Name: <u>Jareva Technologies</u> , Inc.				
Shan Balasubramaniam	Internal Address:				
Additional name(s) of conveying parties attached? Yes No. 3. Nature of conveyance:	Street Address: 924 Borregas Avenue				
	City: Sunnyvale State: CA ZIP: 94089				
☐ Security Agreement ☐ Change of Name	Additional names and addresses attached? ☐ Yes ☒ No				
Other:					
Execution Date: March 28, 2002 and March 30, 2002					
Application number(s) or patent number(s).					
If this document is being filed together with a new application, th					
A. Patent Application No(s): 10/044,290	B. Patent No(s):				
Additional numbers attached? ☐ Yes ☒ No					
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1				
Name: Brian N. Young TOWNSEND AND TOWNSEND AND CREW LLP	7. Total fee (37 CFR 3.41):\$40.00				
Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834	☐ Enclosed				
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PATENT

REEL: 012843 FRAME: 0582

Attorney Docket No.: 020706-000910US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Jagadish Bandhole of 3970 The Woods Drive, #607, San Jose, CA 95136; Sekaran Nanja of 5824 Chambertin Drive, San Jose, CA 95118; Shan Balasubramaniam of 1929 Crisanto Avenue, Apt. #204, Mountain View, CA 94040; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

CROSS-SPECTRUM APPLICATION MODEL FOR DYNAMIC COMPUTING ENVIRONMENTS IN

SOFTWARE LIFECYCLE

Date(s) of execution of Declaration: March 28 and 30, 2002

Filing Date:

January 11, 2002

Application No.:

10/044,290; and

WHEREAS, Jareva Technologies, Inc., a corporation of the state of California, located at 924 Borregas Avenue, Sunnyvale, CA, 94089, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same:

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

> PATENT REEL: 012843 FRAME: 0583

Attorney Docket No.: 020706-000 Page 2	910US	
IN TESTIMONI	/ WHEDEOE Ago	domana harra Alarra I di di
	WHEREOF, ASS	rignors have aigned their names on the dates indicated.
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COUNTY OF) 33.	
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personally appeared	Jagadish Bandhol	e, personally known to me (or proved to me on the
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satisfactory evidence) to be the pers	son whose name is	subscribed to the within instrument, and acknowledged to me
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Assignment

PATENT REEL: 012843 FRAME: 0584

Assignment Attorney Docket No.: 020706-000 Page 3	0910US			
Dated: $3/20/02$	_		B · Shanmujan · ndenum Shan Balasubramaniam	
STATE OF CALIFORNIA COUNTY OF))	SS.		
On, before me,, personally appearedShan Balasubramaniam, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.				
My Commission Expires:			NOTARY PUBLIC	

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RECORDED: 05/03/2002

PATENT REEL: 012843 FRAME: 0585