

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT3071585

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Saurabh Chheda	02/24/2005
Kristopher Carver	02/24/2005
Raksit Ashok	02/24/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BlueRISC, Inc.
<b>Street Address:</b>	28 Dana St.
<b>City:</b>	Amherst
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01002
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11037663
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(617) 542-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	PAUL A. PYSHER
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	14251-0007001
<b>NAME OF SUBMITTER:</b>	MARY FLORCZAK
<b>SIGNATURE:</b>	/Mary Florczak/
<b>DATE SIGNED:</b>	10/20/2014
<b>Total Attachments: 12</b>	
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<b>PATENT</b>	

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Change Agreed: Saurabh Chheda  
 Initial: **SB** Date: **10/15/2014**  
 Change Agreed: Kristopher Carver  
 Initial: Date:  
 Change Agreed: Raskit Ashok  
 Initial: Date:

ASSIGNMENT

For valuable consideration, we, SAURABH CHHEDA of 16 Brandywine Drive, Apt. 6H, Amherst, MA 01002, KRISTOPHER CARVER of 117 North Pleasant St. Apt. 13, Amherst, MA 01002, RAKSIT ASHOK of 10 Belchertown Road, Apt. 31, Amherst, MA 01002, hereby assign to BlueRISC, Inc. to BLUERISC, Inc., a Delaware corporation having a place of business at 28 Dana Street, Amherst, MA 01002; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ENERGY-FOCUSED COMPILER-ASSISTED BRANCH PREDICTION, filed on January 18, 2005, and assigned U.S. Serial Number 11/037,663; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Ambher, MA.  
 this 24<sup>th</sup> day of February, 2005  
Saurabh Chheda L.S.  
 SAURABH CHHEDA

State of MA. :

: ss.

County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared SAURABH CHHEDA known to me to be the person whose name is subscribed to the  
 foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
 the purposes therein contained.

Jeanne Connelly  
 Notary Public  
 My Commission Expires: 10/6/2011

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ambert, MA  
 this 24<sup>th</sup> day of February, 2005  
 \_\_\_\_\_ L.S.  
 KRISTOPHER CARVER

State of Ma. :  
 : ss.

County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared KRISTOPHER CARVER known to me to be the person whose name is subscribed to  
 the foregoing Assignment and acknowledged that he executed the same as his free act and deed  
 for the purposes therein contained.

Joanne Connelly  
 Notary Public  
 My Commission Expires: 10/6/2011

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ambert, MA.  
 this 24<sup>th</sup> day of February, 2005  
Rakshit Ashok L.S.  
 RAKSIT ASHOK

State of MA. :  
 : ss.

County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared RAKSIT ASHOK known to me to be the person whose name is subscribed to the  
 foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
 the purposes therein contained.

Joanne Connelly  
 Notary Public  
 My Commission Expires: 10/6/2011

[Notary's Seal Here]



Change Agreed: Saurabh Chheda  
 Initial: Date:  
 Change Agreed: Kristopher Carver  
 Initial: **KC** Date: **10/8/14**  
 Change Agreed: Raskit Ashok  
 Initial: Date:

ASSIGNMENT

For valuable consideration, we, SAURABH CHHEDA of 16 Brandywine Drive, Apt. 6H, Amherst, MA 01002, KRISTOPHER CARVER of 117 North Pleasant St, Apt. 13, Amherst, MA 01002, RAKSIT ASHOK, of 10 Belchertown Road, Apt.31, Amherst, MA 01002, hereby assign to BlueRISC, Inc. a Delaware corporation having a place of business at 28 Dana Street, Amherst, MA 01002; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ENERGY-FOCUSED COMPILER-ASSISTED BRANCH PREDICTION, filed on January 18, 2005, and assigned U.S. Serial Number 11/037,663; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Amherst, MA.  
 this 24<sup>th</sup> day of February, 2005  
Saurabh Chheda L.S.  
 SAURABH CHHEDA

State of MA. :  
 : ss.  
 County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared SAURABH CHHEDA known to me to be the person whose name is subscribed to the  
 foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
 the purposes therein contained.

Janice Connelly  
 Notary Public  
 My Commission Expires: 10/6/2011

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at Ambert, MA,  
 this 24<sup>th</sup> day of February, 2005  
 \_\_\_\_\_ L.S.  
 KRISTOPHER CARVER

State of MA :  
 : ss.  
 County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared KRISTOPHER CARVER known to me to be the person whose name is subscribed to  
 the foregoing Assignment and acknowledged that he executed the same as his free act and deed  
 for the purposes therein contained.

Sam Connolly  
 Notary Public  
 My Commission Expires: 10/6/2011

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ambert, MA  
this 24<sup>th</sup> day of February, 2005

Raksit Ashok L.S.  
RAKSIT ASHOK

State of MA :

: ss.

County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
appeared RAKSIT ASHOK known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

Joanne Connelly  
Notary Public

My Commission Expires: 10/6/2011

[Notary's Seal Here]



Change Agreed: Saurabh Chheda

Initial: Date:

Change Agreed: Kristopher Carver

Initial: Date:

Change Agreed: Raskit Ashok

Initial: RA Date: Oct 10, 2014

ASSIGNMENT

For valuable consideration, we, SAURABH CHHEDA of 16 Brandywine Drive, Apt. 6H, Amherst, MA 01002, KRISTOPHER CARVER of 117 North Pleasant St, Apt. 13, Amherst, MA 01002, RAKSIT ASHOK, of 10 Belchertown Road, Apt. 31, Amherst, MA 01002, hereby assign to BlueRISC, Inc. a Delaware corporation having a place of business at 28 Dana Street, Amherst, MA 01002; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ENERGY-FOCUSED COMPILER-ASSISTED BRANCH PREDICTION, filed on January 18, 2005, and assigned U.S. Serial Number 11/037,663; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Aimhurst, MA.  
 this 24<sup>th</sup> day of February, 2005  
Saurabh Chheda L.S.  
 SAURABH CHHEDA

State of MA. :  
 : ss.  
 County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared SAURABH CHHEDA known to me to be the person whose name is subscribed to the  
 foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
 the purposes therein contained.

Janice Connelly  
 Notary Public  
 My Commission Expires: 10/6/2011

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ambert, MA,  
 this 24<sup>th</sup> day of February, 2005  
 \_\_\_\_\_ L.S.  
 KRISTOPHER CARVER

State of MA :  
 : ss.  
 County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared KRISTOPHER CARVER known to me to be the person whose name is subscribed to  
 the foregoing Assignment and acknowledged that he executed the same as his free act and deed  
 for the purposes therein contained.

Sam Connolly  
 Notary Public  
 My Commission Expires: 10/6/2011

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ambert, MA.  
 this 24<sup>th</sup> day of February, 2005  
Raksit Ashok L.S.  
 RAKSIT ASHOK

State of MA. :

: ss.

County of Hampshire :

Before me this 24<sup>th</sup> day of February, 2005, personally  
 appeared RAKSIT ASHOK known to me to be the person whose name is subscribed to the  
 foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
 the purposes therein contained.

Joanne Connelly  
 Notary Public

My Commission Expires: 10/6/2011

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