

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Alexei Starovoitov</td><td>08/17/2010</td></tr><tr><td>Maheshwaran Srinivasan</td><td>07/28/2010</td></tr><tr><td>Varadarajan Srinivasan</td><td>07/28/2010</td></tr><tr><td>Sandeep Khanna</td><td>07/28/2010</td></tr><tr><td>Sachin Joshi</td><td>08/05/2010</td></tr><tr><td>Mark Birman</td><td>08/17/2010</td></tr></tbody></table>	Name	Execution Date	Alexei Starovoitov	08/17/2010	Maheshwaran Srinivasan	07/28/2010	Varadarajan Srinivasan	07/28/2010	Sandeep Khanna	07/28/2010	Sachin Joshi	08/05/2010	Mark Birman	08/17/2010	
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Sachin Joshi	08/05/2010														
Mark Birman	08/17/2010														
RECEIVING PARTY DATA															
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City:	Santa Clara														
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Postal Code:	95054														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12844235</td></tr></tbody></table>	Property Type	Number	Application Number:	12844235											
Property Type	Number														
Application Number:	12844235														
CORRESPONDENCE DATA															
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NAME OF SUBMITTER:	Katayoun Ghazian														

CH \$40.00 12844235

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PATENT  
REEL: 024855 FRAME: 0988

**Total Attachments: 5**

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, Alexei Starovoitov, Maheshwaran Srinivasan, Varadarajan Srinivasan, Sandeep Khanna, Sachin Joshi and Mark Birman, the undersigned Assignor(s), believing to be the original, first and sole or joint inventor(s) of any and all new and useful improvements disclosed in the application for the United States patent entitled

**Compiling Regular Expressions for Programmable Content Addressable Memory Devices**

hereby sell, assign, and transfer to **NetLogic Microsystems, Inc.** a Delaware Corporation, having a principal place of business at 3975 Freedom Circle, 9th Floor, Santa Clara, California, 95054, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the same patent application

  X   which was filed with the United States Patent and Trademark Office on July 27, 2010, and which was assigned Application Number 12/844,235.

       which has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below.

I/We hereby further sell, assign, and transfer to Assignee said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said 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 improvements; and in and to all rights of priority resulting from the filing of said United States application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

I/We agree that said Assignee may apply for and receive a patent or patents for said improvements 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 divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns,

or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives.

I/We hereby 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.

I/We hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

I/We hereby grant William L. Paradice III (Reg. No. 38,990), located at 550 South Winchester Blvd., Suite 605, San Jose, California 95128, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

**Each Inventor/Assignor: Please Sign and Date Below:**

Aug 17, 2010  
Date

  
Name: Alexei Starovoitov

**Please also list date you  
signed the  
accompanying  
DECLARATION if  
Assignment executed  
with new filing:**

Aug 17, 2010  
Date

Each Inventor/Assignor: Please Sign and Date Below:

July 28, 2010  
Date

A. Maheshwaran  
Name: Maheshwaran Srinivasan

Please also list date you  
signed the  
accompanying  
**DECLARATION** if  
Assignment executed  
with new filing:

July 28, 2010  
Date

Each Inventor/Assignor: Please Sign and Date Below:

July 28, 2010  
Date

V. Varadarajan  
Name: Varadarajan Srinivasan

Please also list date you  
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accompanying  
**DECLARATION** if  
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July 28, 2010  
Date

Each Inventor/Assignor: Please Sign and Date Below:

7-28-2010

Date



Name: Sandeep Khanna

Please also list date you  
signed the  
accompanying  
**DECLARATION** if  
Assignment executed  
with new filing:


7-28-2010

Date

Each Inventor/Assignor: Please Sign and Date Below:

08-05-2010

Date



Name: Sachin Joshi

Please also list date you  
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**DECLARATION** if  
Assignment executed  
with new filing:

08-05-2010

Date

Each Inventor/Assignor: Please Sign and Date Below:

8/17/2010

Date



Name: Mark Birman

Please also list date you  
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accompanying  
**DECLARATION** if  
Assignment executed  
with new filing:

8/17/2010

Date