

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Marc Battyani</td> <td>04/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Marc Battyani	04/22/2013
Name	Execution Date				
Marc Battyani	04/22/2013				
RECEIVING PARTY DATA					
Name:	NOVASPARKS				
Street Address:	318 West 39th Street				
Internal Address:	5th floor				
City:	New York				
State/Country:	NEW YORK				
Postal Code:	10018				
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>13768773</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13768773
Property Type	Number				
Application Number:	13768773				
CORRESPONDENCE DATA					
Fax Number:	6173957070				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	(617) 395-7017				
Email:	MGrady@LALaw.com				
Correspondent Name:	Lando & Anastasi LLP				
Address Line 1:	Riverfront Office Park				
Address Line 2:	One Main Street				
Address Line 4:	Cambridge, MASSACHUSETTS 02142				
ATTORNEY DOCKET NUMBER:	N2053-700010				
NAME OF SUBMITTER:	Matthew H. Grady				
Signature:	/Matthew H. Grady/				
Date:	05/15/2013				

CH \$40.00 13768773

Total Attachments: 4

source=-Assignment#page1.tif

source=-Assignment#page2.tif

source=-Assignment#page3.tif

source=-Assignment#page4.tif

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned Marc Battyani of 47 Richfield Road, Arlington MA 02474 hereby:

Sell, assign and transfer to NOVASPARKS, a Massachusetts Corporation having a place of business at 318 West 39th Street, 5th Floor, New York, NY 10018-1496 its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

February 15, 2013
ENTER FILING DATE ABOVE

under Application Serial No. 13/768,773 and
entitled FPGA MATRIX ARCHITECTURE,

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions including a Provisional application filed on February 16, 2012 under Application Serial No. 61/599,856 and entitled FPGA MATRIX ARCHITECTURE; and Provisional Application No. 61/612,668, entitled "INTELLIGENT DISTRIBUTED NETWORK BASED RELIABLE MULTICAST," filed on March 19, 2012 and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

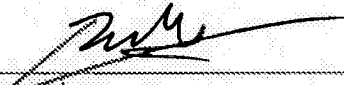
Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

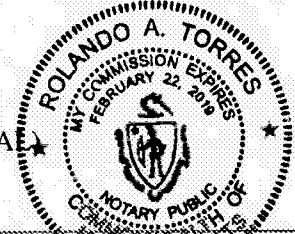
Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.


4/22/2013
Date


Marc Battiani

COMMONWEALTH OF MASSACHUSETTS:
COUNTY OF Middlesex

On this 22nd day of April, 2013, before me, the undersigned notary public, personally appeared Marc Battiani, proved to me through satisfactory evidence of identification, which were MA DL, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

 (SEA)


Printed Name of Notary Public
My commission expires 02-22-2019

Witnessed before us this 22 day of April, 2013:

Printed Name: Anne PENNERA BATTYANI

First Witness Signature: [Signature]

Printed Name: Maria Laura

Second Witness Signature: [Signature]

By: NOVASPARKS

4/22/2013
Date

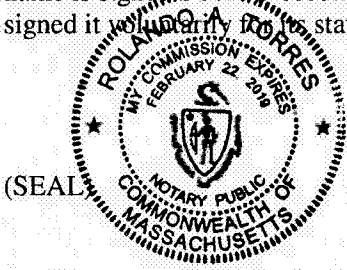
[Signature]
Signature

Marc Battvani
Printed Name of Signor

CTO
Title/Authority of Signor

COMMONWEALTH OF MASSACHUSETTS:
COUNTY OF Middlesex:

On this 22nd day of April, 2013, before me, the undersigned notary public, personally appeared Marc Battyani, proved to me through satisfactory evidence of identification, which were MA DL, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for the stated purpose.



[Signature]

Rolando Torres

Printed Name of Notary Public

My commission expires

02 22 2016

Witnessed before us this 22 day of April, 2013:

Printed Name: Anne PENNERA-BATTYANI

First Witness Signature: [Signature]

Printed Name: Melinda Lantis

Second Witness Signature: [Signature]