

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>Kirill Minkovich</td> <td>05/02/2013</td> </tr> <tr> <td>Aleksey Nogin</td> <td>05/01/2013</td> </tr> <tr> <td>Youngkwan Cho</td> <td>04/30/2013</td> </tr> <tr> <td>Narayan Srinivasa</td> <td>05/01/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Kirill Minkovich | 05/02/2013 | Aleksey Nogin | 05/01/2013 | Youngkwan Cho | 04/30/2013 | Narayan Srinivasa | 05/01/2013 |
| Name | Execution Date | | | | | | | | | | |
| Kirill Minkovich | 05/02/2013 | | | | | | | | | | |
| Aleksey Nogin | 05/01/2013 | | | | | | | | | | |
| Youngkwan Cho | 04/30/2013 | | | | | | | | | | |
| Narayan Srinivasa | 05/01/2013 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | HRL Laboratories, LLC | | | | | | | | | | |
| Street Address: | 3011 Malibu Canyon Road | | | | | | | | | | |
| City: | Malibu | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | |
| Postal Code: | 90265-4797 | | | | | | | | | | |
| 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>13886263</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13886263 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13886263 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | 7758493143 | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 775-849-3085 | | | | | | | | | | |
| Email: | jmjohnson@nsapatents.com | | | | | | | | | | |
| Correspondent Name: | NORTH SHORE ASSOCIATES | | | | | | | | | | |
| Address Line 1: | 153 ANTIGUA COURT | | | | | | | | | | |
| Address Line 4: | RENO, NEVADA 89511-2717 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 101215 | | | | | | | | | | |
| NAME OF SUBMITTER: | J. Michael Johnson | | | | | | | | | | |
| Signature: | /J. Michael Johnson/ | | | | | | | | | | |

Date:

05/05/2013

Total Attachments: 4

source=101215_ASSIGNMENT#page1.tif

source=101215_ASSIGNMENT#page2.tif

source=101215_ASSIGNMENT#page3.tif

source=101215_ASSIGNMENT#page4.tif

HRL
LABORATORIES
ASSIGNMENT

WHEREAS: Kirill Minkovich
Residing at: Campbell, CA 95008

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title: NEUROMORPHIC COMPILER

Docket Number: 101215 Application Number: _____

WHEREAS: **HRL Laboratories, LLC**

A Limited Liability Company formed under the laws of the State of Delaware, United States of America, having its principal place of business at:

3011 Malibu Canyon Road
Malibu, California 90265-4799

(hereinafter referred to as ASSIGNEE) , is desirous of acquiring entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that ASSIGNOR, for good and valuable consideration, hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, assignments related to said application or the invention, and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Subscribed and executed at _____

On 5/2/13

Inventor: Kirill Minkovich

HRL
LABORATORIES
ASSIGNMENT

WHEREAS: Aleksey Nogin
Residing at: Fresno, CA 93720

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title: NEUROMORPHIC COMPILER

Docket Number: 101215 Application Number: _____

WHEREAS: **HRL Laboratories, LLC**

A Limited Liability Company formed under the laws of the State of Delaware, United States of America, having its principal place of business at:

3011 Malibu Canyon Road
Malibu, California 90265-4799

(hereinafter referred to as ASSIGNEE), is desirous of acquiring entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that ASSIGNOR, for good and valuable consideration, hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, assignments related to said application or the invention, and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Subscribed and executed at FRESNO, CA

On MAY 1, 2003

HRL
LABORATORIES
ASSIGNMENT

WHEREAS: Youngkwan Cho
Residing at: Los Angeles, CA 90049

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title: NEUROMORPHIC COMPILER

Docket Number: 101215 Application Number: _____

WHEREAS: **HRL Laboratories, LLC**

A Limited Liability Company formed under the laws of the State of Delaware, United States of America, having its principal place of business at:

3011 Malibu Canyon Road
Malibu, California 90265-4799

(hereinafter referred to as ASSIGNEE), is desirous of acquiring entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that ASSIGNOR, for good and valuable consideration, hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or re-issue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, assignments related to said application or the invention, and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Subscribed and executed at Malibu, CA

On 4/30/13

Inventor: Youngkwan Cho

HRL
LABORATORIES
ASSIGNMENT

WHEREAS: Narayan Srinivasa
Residing at: Oak Park, CA 91377

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title: NEUROMORPHIC COMPILER

Docket Number: 101215 Application Number: _____

WHEREAS: HRL Laboratories, LLC

A Limited Liability Company formed under the laws of the State of Delaware, United States of America, having its principal place of business at:

3011 Malibu Canyon Road
Malibu, California 90265-4799

(hereinafter referred to as ASSIGNEE), is desirous of acquiring entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that ASSIGNOR, for good and valuable consideration, hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, assignments related to said application or the invention, and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Subscribed and executed at Malibu, CA

On 05/01/13

Inventor: [Signature]