

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																										
<b>CONVEYING PARTY DATA</b>																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>David Thomas Parker</td><td>03/23/2007</td></tr> <tr><td>Mohindra Seepersaud</td><td>03/23/2007</td></tr> <tr><td>Branko Radetich</td><td>04/04/2007</td></tr> <tr><td>Aregahegn Yifru</td><td>03/23/2007</td></tr> <tr><td>Prakash Raman</td><td>03/23/2007</td></tr> <tr><td>Jiping Fu</td><td>03/23/2007</td></tr> <tr><td>Rui Zheng</td><td>03/23/2007</td></tr> <tr><td>Francois Lenoir</td><td>04/05/2007</td></tr> <tr><td>Michael Patane</td><td>03/28/2007</td></tr> <tr><td>Oliver Simic</td><td>03/14/2007</td></tr> <tr><td>Trixi Brandl</td><td>03/19/2007</td></tr> <tr><td>Pascal Rigollier</td><td>03/30/2007</td></tr> </tbody> </table>		Name	Execution Date	David Thomas Parker	03/23/2007	Mohindra Seepersaud	03/23/2007	Branko Radetich	04/04/2007	Aregahegn Yifru	03/23/2007	Prakash Raman	03/23/2007	Jiping Fu	03/23/2007	Rui Zheng	03/23/2007	Francois Lenoir	04/05/2007	Michael Patane	03/28/2007	Oliver Simic	03/14/2007	Trixi Brandl	03/19/2007	Pascal Rigollier	03/30/2007
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><b>Name:</b></td><td>Novartis AG</td></tr> <tr><td><b>Street Address:</b></td><td>Lichtstrasse 35</td></tr> <tr><td><b>City:</b></td><td>Basel</td></tr> <tr><td><b>State/Country:</b></td><td>SWITZERLAND</td></tr> <tr><td><b>Postal Code:</b></td><td>4056</td></tr> </table>		<b>Name:</b>	Novartis AG	<b>Street Address:</b>	Lichtstrasse 35	<b>City:</b>	Basel	<b>State/Country:</b>	SWITZERLAND	<b>Postal Code:</b>	4056																
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<b>PROPERTY NUMBERS Total: 1</b>																											
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<b>CORRESPONDENCE DATA</b>																											
<p>Fax Number: (617)871-3392</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: marcus.hall@novartis.com</p> <p>Correspondent Name: Marcus Hall</p>																											

CH \$40.00 11697894

**501290988**

**PATENT**  
**REEL: 024989 FRAME: 0232**

Address Line 1: 220 Massachusetts Avenue  
Address Line 4: Cambridge, MASSACHUSETTS 02139

ATTORNEY DOCKET NUMBER: PAT034769-US-NP

NAME OF SUBMITTER: Marcus Hall

**Total Attachments: 25**

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**ASSIGNMENT**

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we

David Thomas PARKER	residing at	541 Bedford Street Lexington, MA 02420
Mohindra SEEPERSAUD	residing at	3 Colby Street Belmont, MA 02478
Branko RADETICH	residing at	1 Saint Charles Street, Apt. 4 Boston, MA 01720
Aregahegn YIFRU	residing at	14 Murdock Street, Apt. 2-7 Somerville, MA 02145
Prakash RAMAN	residing at	125 Summer Street Acton, MA 01720
Jiping FU	residing at	74 Cutter Hill Road Arlington, MA 02474
Michael PATANE	residing at	273 Forest Street Reading, MA 01867
Rui ZHENG	residing at	38 Varnum Street Arlington, MA 02474
Oliver SIMIC	residing at	Gundeldingerstrasse 209 4053 Basel Switzerland
Trixi BRANDL	residing at	Murbachestrasse 27 4056 Basel Switzerland
Pascal RIGOLLIER	residing at	4 bis, Avenue de la Première Division Blindée 68100 Mulhouse France
Francois LENOIR	residing at	5101 Stearns Hill Road Waltham, MA 02451

do hereby sell, assign and transfer to **Novartis AG**, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, Basel, Switzerland 4056, and its successors, assigns and legal representatives, all of our right, title and interest for all countries of the world except Austria and to Novartis Pharma GmbH, a company organized under the laws of Austria, of Brunner Strasse 59, 1230 Vienna, Austria, and its successors, assigns and legal representatives, all of our right, title and interest for Austria (Novartis AG and Novartis Pharma GmbH) hereinafter referred to collectively as the "**ASSIGNEES**" in and to (1) all of our inventions and discoveries described in the patent provisional or non-provisional patent application(s) titled

**ORGANIC COMPOUNDS AND THEIR USES**

and filed in the United States Patent and Trademark Office on \_\_\_\_\_, 20\_\_\_\_ and accorded Application Number \_\_\_\_\_\* and/or filed in the RO/ \_\_\_\_\_ on \_\_\_\_\_, 20\_\_\_\_ and accorded International Patent Application Number PCT/ \_\_\_\_\_\*, (2) the patent application(s) identified in (1), (3) all national stages of any international patent application identified in (1), (4) all other patent applications in all countries and regions claiming the priority of the provisional or non-provisional patent application filed in the United States Patent and Trademark Office on **April 11, 2006** and accorded **Application Number 60/791,318** and on **November 22, 2006** and accorded **Application Number 60/866,874**, (5) for all patent applications, all rights of priority based upon the United States patent application identified in (4) in all countries and regions under the Paris Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application identified in (4) is a provisional patent application, under 35 USC 119(e) (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEES** or their designees or in our names, at their election and in accordance with applicable law in all countries and regions), (6) all continuations and divisions of any United States patent application or international patent application designating the United States identified in (1), any national stages of any international application identified in (1) and any patent applications within the scope of (4) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(4) and (6) hereinafter referred to collectively as "patent applications"), (7) all patents that are granted on any of said patent applications, (8) all registrations and confirmations of, and importation certificates based upon, one or more of said patents and applications for such registrations, confirmations and importation certificates and (9) all reissues, renewals and extensions of said patents, registrations, confirmations and importation certificates, reexamination certificates issued for said patents and supplementary protection certificates based upon said patents and applications for such reissues, renewals, extensions, reexamination certificates and supplementary protection certificates, the same to be held and enjoyed by said **ASSIGNEES** and their successors, assigns and legal representatives to the full ends of the terms for which said patents, registrations, confirmations, importation certificates, reexamination certificates, supplementary protection certificates, reissues, renewals and extensions may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

And we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of **ASSIGNEES** or their successors, assigns or legal representatives execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates, supplementary protection certificates and applications within the scope of (8) and (9) in **ASSIGNEES** or their successors, assigns or legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, (ii) upon the request, but at the expense, of **ASSIGNEES** or their successors, assigns or legal representatives execute all additional patent applications within the scope of (3), (4) and (6) and all applications within the scope of (8) or (9) and (iii) make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEES** or their successors, assigns or legal representatives.

\*We hereby authorize **ASSIGNEES** and their representatives to insert in this Assignment the filing date(s) and Application Number(s) of said patent application(s) when notified thereof.

Executed this 23 day of March, 2007.

David T. Parker L.S.  
David Thomas PARKER

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )

County of Middlesex ) s.s.:

On this 23 day of March, 2007, personally appeared before me **David Thomas PARKER** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

Elizabeth Sweeney  
Notary Public

Executed this 23 day of March, 2007.

Mohindra Seepersaud L.S.  
Mohindra SEEPERSAUD

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )

County of Middlesex ) s.s.:

On this 23 day of March, 2007, personally appeared before me **Mohindra SEEPERSAUD** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

Elizabeth Sweeney  
Notary Public

Executed this 4<sup>th</sup> day of April, 2007.

Branko Raletich L.S.  
Branko RADETICH

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
County of Middlesex ) S.S.:

On this 4<sup>th</sup> day of April, 2007, personally appeared before me Branko RADETICH to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

Elyabeth Swamy  
Notary Public

Executed this 23 day of March, 2007.

Aregahegn YIFRU L.S.  
Aregahegn YIFRU

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
County of Middlesex ) S.S.:

On this 23 day of March, 2007, personally appeared before me Aregahegn YIFRU to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

Elyabeth Swamy  
Notary Public

Executed this 23 day of March, 2007.

R. Prakash L.S.  
Prakash RAMAN

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )

County of Middlesex ) S.S.:

On this 23 day of March, 2007, personally appeared before me Prakash RAMAN to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

Elizabeth Swamy  
Notary Public

Executed this 23 day of March, 2007.

Jiping FU L.S.  
Jiping FU

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )

County of Middlesex ) S.S.:

On this 23 day of March, 2007, personally appeared before me Jiping FU to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

Elizabeth Swamy  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Michael PATANE L.S.

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Michael PATANE to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this 23 day of March, 2007.

Rui Zheng  
Rui ZHENG L.S.

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
 ) s.s.:  
County of Walden )

On this 23 day of March, 2007, personally appeared before me Rui ZHENG to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

Ryanth Swamy  
Notary Public



\_\_\_\_\_  
Oliver SIMIC L.S.

State of \_\_\_\_\_ )  
 ) s.s.:  
County of \_\_\_\_\_ )

Notary Public

\_\_\_\_\_ L.S.  
Trixi BRANDL

State of \_\_\_\_\_ )  
 ) s.s.:  
County of \_\_\_\_\_ )

**Notary Public**

\_\_\_\_\_  
Pascal RIGOLLIER L.S.

(Seal)

Executed this 5 day of April, 2087.

Francois LENOIR L.S.

Commonwealth of Massachusetts )  
County of Middlesex ) S.S.:

(Seal)

Elizabeth Lacey  
Notary Public

**ASSIGNMENT**

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Francois LENOIR	residing at	5101 Stearns Hill Road Waltham, MA 02451

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\*We hereby authorize **ASSIGNEES** and their representatives to insert in this Assignment the filing date(s) and Application Number(s) of said patent application(s) when notified thereof.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
David Thomas PARKER L.S.

#### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **David Thomas PARKER** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Mohindra SEEPERSAUD L.S.

#### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Mohindra SEEPERSAUD** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Branko RADETICH L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Branko RADETICH to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Aregahegn YIFRU L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Aregahegn YIFRU to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Prakash RAMAN L.S.

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Prakash RAMAN** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Jiping FU L.S.

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Jiping FU** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this 28<sup>th</sup> day of March, 20 07.

  
\_\_\_\_\_  
Michael PATANE L.S.

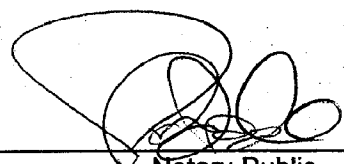
**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )

County of Middlesex ) s.s.:

On this 28<sup>th</sup> day of March, 2007, personally appeared before me Michael PATANE to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

  
\_\_\_\_\_  
Notary Public

Joseph C. Andrade  
Notary Public  
My Commission Expires August 23, 2013  
Commonwealth of Massachusetts

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

\_\_\_\_\_  
Rui ZHENG L.S.

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )

County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Rui ZHENG to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 Oliver SIMIC L.S.

### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Oliver SIMIC to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 Trixi BRANDL L.S.

### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Trixi BRANDL to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

\_\_\_\_\_ L.S.  
Pascal RIGOLLIER

# ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we

David Thomas PARKER	residing at	541 Bedford Street Lexington, MA 02420
Mohindra SEEPERSAUD	residing at	3 Colby Street Belmont, MA 02478
Branko RADETICH	residing at	1 Saint Charles Street, Apt. 4 Boston, MA 01720
Aregahegn YIFRU	residing at	14 Murdock Street, Apt. 2-7 Somerville, MA 02145
Prakash RAMAN	residing at	125 Summer Street Acton, MA 01720
Jiping FU	residing at	74 Cutter Hill Road Arlington, MA 02474
Michael PATANE	residing at	273 Forest Street Reading, MA 01867
Rui ZHENG	residing at	38 Varnum Street Arlington, MA 02474
Oliver SIMIC	residing at	Gundeldingerstrasse 209 4053 Basel Switzerland
Trixi BRANDL	residing at	Murbacherstrasse 27 4056 Basel Switzerland
Pascal RIGOLLIER	residing at	4 bis, Avenue de la Première Division Blindée 68100 Mulhouse France
Francois LENOIR	residing at	5101 Stearns Hill Road Waltham, MA 02451

do hereby sell, assign and transfer to **Novartis AG**, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, Basel, Switzerland 4056, and its successors, assigns and legal representatives, all of our right, title and interest for all countries of the world except Austria and to Novartis Pharma GmbH, a company organized under the laws of Austria, of Brunner Strasse 59, 1230 Vienna, Austria, and its successors, assigns and legal representatives, all of our right, title and interest for Austria (Novartis AG and Novartis Pharma GmbH) hereinafter referred to collectively as the "**ASSIGNEES**" in and to (1) all of our inventions and discoveries described in the patent provisional or non-provisional patent application(s) titled

## ORGANIC COMPOUNDS AND THEIR USES

and filed in the United States Patent and Trademark Office on \_\_\_\_\_, 20\_\_\_\_ and accorded Application Number \_\_\_\_\_\* and/or filed in the RO/ \_\_\_\_\_ on \_\_\_\_\_, 20\_\_\_\_ and accorded International Patent Application Number PCT/ \_\_\_\_\_\*, (2) the patent application(s) identified in (1), (3) all national stages of any international patent application identified in (1), (4) all other patent applications in all countries and regions claiming the priority of the provisional or non-provisional patent application filed in the United States Patent and Trademark Office on **April 11, 2006** and accorded **Application Number 60/791,318** and on **November 22, 2006** and accorded **Application Number 60/866,874**, (5) for all patent applications, all rights of priority based upon the United States patent application identified in (4) in all countries and regions under the Paris Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application identified in (4) is a provisional patent application, under 35 USC 119(e) (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEES** or their designees or in our names, at their election and in accordance with applicable law in all countries and regions), (6) all continuations and divisions of any United States patent application or international patent application designating the United States identified in (1), any national stages of any international application identified in (1) and any patent applications within the scope of (4) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(4) and (6) hereinafter referred to collectively as "patent applications"), (7) all patents that are granted on any of said patent applications, (8) all registrations and confirmations of, and importation certificates based upon, one or more of said patents and applications for such registrations, confirmations and importation certificates and (9) all reissues, renewals and extensions of said patents, registrations, confirmations and importation certificates, reexamination certificates issued for said patents and supplementary protection certificates based upon said patents and applications for such reissues, renewals, extensions, reexamination certificates and supplementary protection certificates, the same to be held and enjoyed by said **ASSIGNEES** and their successors, assigns and legal representatives to the full ends of the terms for which said patents, registrations, confirmations, importation certificates, reexamination certificates, supplementary protection certificates, reissues, renewals and extensions may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

And we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of **ASSIGNEES** or their successors, assigns or legal representatives execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates, supplementary protection certificates and applications within the scope of (8) and (9) in **ASSIGNEES** or their successors, assigns or legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, (ii) upon the request, but at the expense, of **ASSIGNEES** or their successors, assigns or legal representatives execute all additional patent applications within the scope of (3), (4) and (6) and all applications within the scope of (8) or (9) and (iii) make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEES** or their successors, assigns or legal representatives.

\*We hereby authorize **ASSIGNEES** and their representatives to insert in this Assignment the filing date(s) and Application Number(s) of said patent application(s) when notified thereof.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 David Thomas PARKER L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **David Thomas PARKER** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 Mohindra SEEPERSAUD L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Mohindra SEEPERSAUD** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 Branko RADETICH L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Branko RADETICH** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 Aregahegn YIFRU L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Aregahegn YIFRU** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Prakash RAMAN L.S.

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Prakash RAMAN** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Jiping FU L.S.

**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Jiping FU** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 Michael PATANE L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Michael PATANE to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
 Rui ZHENG L.S.

### ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me Rui ZHENG to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public



Executed this 14<sup>th</sup> day of March, 2007.

Oliver Simic L.S.  
Oliver SIMIC

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 ) S.S.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Oliver SIMIC** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this 19<sup>th</sup> day of March, 2007.

Trixi Brandl L.S.  
Trixi BRANDL

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 ) S.S.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Trixi BRANDL** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this 30 day of March, 2007.

Pascal Rigollier L.S.  
Pascal RIGOLLIER

# ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Pascal RIGOLLIER** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Francois LENOIR L.S.

# ACKNOWLEDGEMENT

Commonwealth of Massachusetts )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared before me **Francois LENOIR** to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary Public

### Attestation

I, the undersigned notary public of Basel, Switzerland, certify herewith the authenticity of the signatures of **Mr. Oliver Simic**, German citizen, residing in Basel, Switzerland; of **Ms. Trixi Brandl**, German citizen, residing in Basel, Switzerland; and of **Mr. Pascal Rigollier**, French citizen, residing in Mulhouse, France.

The authenticity of the signatures was established by comparison.

BASEL, Switzerland, this 10<sup>th</sup> (tenth) day of April 2007 (twothousandandseven).

S. Dumbholz  
N. R.

Leg.Prot.Nr. 113 /2007