

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<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>Ram Sasisekharan</td> <td>04/11/2011</td> </tr> <tr> <td>Karthik Viswanathan</td> <td>04/13/2011</td> </tr> <tr> <td>Venkataramanan Soundararajan</td> <td>02/25/2011</td> </tr> <tr> <td>Sasi Raguram</td> <td>04/11/2011</td> </tr> <tr> <td>Viswanathan Sasisekharan</td> <td>04/11/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ram Sasisekharan	04/11/2011	Karthik Viswanathan	04/13/2011	Venkataramanan Soundararajan	02/25/2011	Sasi Raguram	04/11/2011	Viswanathan Sasisekharan	04/11/2011
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Viswanathan Sasisekharan	04/11/2011												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Massachusetts Institute of Technology</td> </tr> <tr> <td>Street Address:</td> <td>77 Massachusetts Avenue</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	Massachusetts Institute of Technology	Street Address:	77 Massachusetts Avenue	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139		
Name:	Massachusetts Institute of Technology												
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (617)502-5002 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-248-5000 Email: patentdocket@choate.com Correspondent Name: Choate Hall & Stewart LLP Address Line 1: Two International Place Address Line 4: Boston, MASSACHUSETTS 02110</p>													
ATTORNEY DOCKET NUMBER:	0492611-1067												
NAME OF SUBMITTER:	Jessica Russell Colantonio, PhD												
Total Attachments: 10													

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PATENT
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ASSIGNMENT


In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Ram Sasisekharan** of Bedford, Massachusetts, hereby

Sells, assigns and transfers, and/or confirms prior sale, assignment and transfer, to **Massachusetts Institute of Technology**, having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the International Application filed on **January 27, 2011** and given International Application No. **PCT/US11/22775**, and/or in the application for United States Letters Patent, filed on **January 27, 2011** and given Serial No. **13/015,455**, each entitled "**ENGINEERED POLYPEPTIDE AGENTS FOR TARGETED BROAD SPECTRUM INFLUENZA NEUTRALIZATION**," and in and to said applications and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized.

Hereby requests the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said ASSIGNEE.

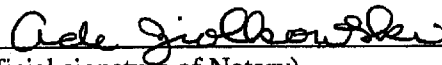
Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

Signature:	
Name:	Ram Sasisekharan
Legal Address:	4 Duval Way 77 Massachusetts Avenue E2S-S19 Bedford, MA 01730 Cambridge MA 02139
Date:	04 / 11 / 11

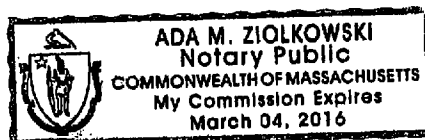
State of Massachusetts
County of Middlesex ss.

On this 11th day of April, 2011 before me Ada Ziolkowski (name of notary), the undersigned notary public, personally appeared **Ram Sasisekharan** proved to me through satisfactory evidence of identification to be the person whose name is signed above, and acknowledged to me that she signed it voluntarily for its stated purpose.

IN WITNESS WHEREOF I have hereunto set my hand and official seal.


(Official signature of Notary)

(NOTARY SEAL) My Commission Expires 03 / 04 / 16



ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Karthik Viswanathan** of Arlington, Massachusetts, hereby

Sells, assigns and transfers, and/or confirms prior sale, assignment and transfer, to **Massachusetts Institute of Technology**, having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the International Application filed on **January 27, 2011** and given International Application No. **PCT/US11/22775**, and/or in the application for United States Letters Patent, filed on **January 27, 2011** and given Serial No. **13/015,455**, each entitled "**ENGINEERED POLYPEPTIDE AGENTS FOR TARGETED BROAD SPECTRUM INFLUENZA NEUTRALIZATION**," and in and to said applications and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized.

Hereby requests the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said ASSIGNEE.

Covenants 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 him/her, and that full right to convey the same as herein expressed is possessed by him/her.

Signature:	<i>V. Karthik</i>
Name:	Karthik Viswanathan
Legal Address:	35 Fremont Street, Apt 2d 3114 STEARNS HILL ROAD Arlington, MA 02474 WALTHAM, MA 02451
Date:	09 / 13 / 11

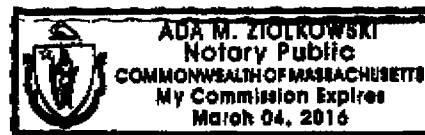
State of Massachusetts
County of Middlesex ss.

On this 13th day of April, 2011 before me Ada Ziolkowski (name of notary), the undersigned notary public, personally appeared **Karthik Viswanathan** proved to me through satisfactory evidence of identification to be the person whose name is signed above, and acknowledged to me that s/he signed it voluntarily for its stated purpose.

IN WITNESS WHEREOF I have hereunto set my hand and official seal.

Ada Ziolkowski
(Official signature of Notary)

(NOTARY SEAL) My Commission Expires 03 / 09 / 16



ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Venkataramanan Soundararajan** of Cambridge, Massachusetts, hereby

Sells, assigns and transfers, and/or confirms prior sale, assignment and transfer, to **Massachusetts Institute of Technology**, having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the International Application filed on **January 27, 2011** and given International Application No. **PCT/US11/22775**, and/or in the application for United States Letters Patent, filed on **January 27, 2011** and given Serial No. **13/015,455**, each entitled "**ENGINEERED POLYPEPTIDE AGENTS FOR TARGETED BROAD SPECTRUM INFLUENZA NEUTRALIZATION**," and in and to said applications and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

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Hereby requests the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said ASSIGNEE.

Covenants 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 him/her, and that full right to convey the same as herein expressed is possessed by him/her.

Signature:	<i>S. Venkataramanan</i>
Name:	Venkataramanan Soundararajan
Legal Address:	60 Wadsworth Street, Apt. 18-H Cambridge, MA 02142
Date:	02/25/2011

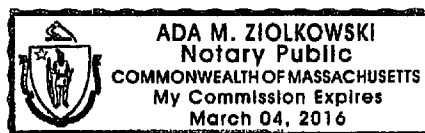
State of Massachusetts)
County of Middlesex) ss.

On this 25 day of February, 2011 before me Ada Ziolkowski (name of notary), the undersigned notary public, personally appeared **Venkataramanan Soundararajan** proved to me through satisfactory evidence of identification to be the person whose name is signed above, and acknowledged to me that s/he signed it voluntarily for its stated purpose.

IN WITNESS WHEREOF I have hereunto set my hand and official seal.

Ada Ziolkowski
(Official signature of Notary)

(NOTARY SEAL) My Commission Expires 03/04/16



ASSIGNMENT

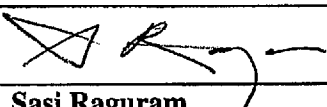
In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Sasi Raguram** of Hillsborough, New Jersey, hereby

Sells, assigns and transfers, and/or confirms prior sale, assignment and transfer, to **Massachusetts Institute of Technology**, having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the International Application filed on **January 27, 2011** and given International Application No. **PCT/US11/22775**, and/or in the application for United States Letters Patent, filed on **January 27, 2011** and given Serial No. **13/015,455**, each entitled "**ENGINEERED POLYPEPTIDE AGENTS FOR TARGETED BROAD SPECTRUM INFLUENZA NEUTRALIZATION**," and in and to said applications and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

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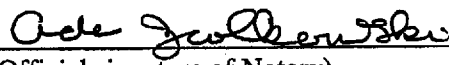
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Signature:	
Name:	Sasi Raguram
Legal Address:	34 Vliet Drive Hillsborough, NJ 08844
Date:	04/11/11

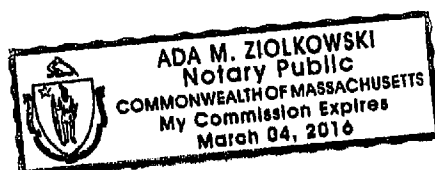
State of Massachusetts
County of Middlesex ss.

On this 11th day of April, 2011 before me Ada Ziolkowski (name of notary), the undersigned notary public, personally appeared **Sasi Raguram** proved to me through satisfactory evidence of identification to be the person whose name is signed above, and acknowledged to me that s/he signed it voluntarily for its stated purpose.

IN WITNESS WHEREOF I have hereunto set my hand and official seal.


(Official signature of Notary)

(NOTARY SEAL) My Commission Expires 03/04/16



ASSIGNMENT

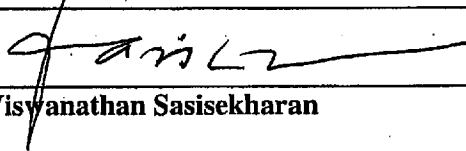
In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Viswanathan Sasisekharan** of Cambridge, Massachusetts, hereby

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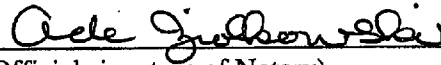
Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

Signature:	
Name:	Viswanathan Sasisekharan
Legal Address:	2130 Massachusetts Avenue, Apt. 7B Cambridge, MA 02140
Date:	04/11/11

State of Massachusetts
County of Middlesex ss.

On this 11th day of April, 2011 before me Ada Ziolkowski (name of notary), the undersigned notary public, personally appeared **Viswanathan Sasisekharan** proved to me through satisfactory evidence of identification to be the person whose name is signed above, and acknowledged to me that she signed it voluntarily for its stated purpose.

IN WITNESS WHEREOF I have hereunto set my hand and official seal.


(Official signature of Notary)

(NOTARY SEAL) My Commission Expires 03/04/16

