

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tushar A. Kshirsagar	03/15/2005
Byron A. Merrill	03/15/2005
Scott E. Langer	03/15/2005
Kyle J. Lindstrom	03/23/2005
Sarah C. Johannessen	03/15/2005
Gregory J. Marszalek	03/15/2005
Joshua R. Wurst	03/15/2005
Karl J. Manske	04/20/2005
Shri Niwas	07/31/2008
Gregory D. Lundquist Jr.	02/28/2008
Philip D. Heppner	02/27/2008
George W. Griesgraber	02/22/2008
Michael E. Danielson	02/22/2008

RECEIVING PARTY DATA

Name:	3M Innovative Properties Company & 3M Company
Street Address:	2501 Hudson Road
Internal Address:	P.O. Box 33427
City:	Saint Paul
State/Country:	MINNESOTA
Postal Code:	55144

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11884982

CORRESPONDENCE DATA

Fax Number: (617)646-8646

PATENT

500635073

REEL: 021464 FRAME: 0586

CH \$40.00 11884982

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617 646 8000
Email: heather.mclennand@wolfgreenfield.com
Correspondent Name: Wolf Greenfield & Sacks, PC
Address Line 1: 600 Atlantic Avenue
Address Line 4: Boston, MASSACHUSETTS 02210-2206

ATTORNEY DOCKET NUMBER:	C1271.70062US01
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NAME OF SUBMITTER:	Edward R. Gates
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Total Attachments: 10

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ASSIGNMENT OF PROVISIONAL APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

METHOD OF PREFERENTIALLY INDUCING THE BIOSYNTHESIS OF INTERFERON

- ☐ and have contemporaneously executed a provisional application based thereon;
☒ for which a provisional application was filed on February 23, 2005, Application No.: 60/655452;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have individually or jointly agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and provisional application, and in and to any division or continuation (in whole or in part) of said application, and in and to any application claiming benefit thereto and to any and all improvements in the said invention made by me/us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment with 3M Company and any of its existing or future subsidiaries of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us or any of us had this assignment and transfer not been made,

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the applications claiming the benefit of said provisional application, to the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Cassandra Masters
 Witness

John C. Harbath
 Witness

Tushar A. Kshirsagar 15th March 2005
 Date

Tushar A. Kshirsagar
 Residence: Woodbury, Minnesota, USA
 Citizenship: India

Cassandra Masters
 Witness

John C. Harbath
 Witness

Bryon G. Merrill 3/15/05
 Date

Bryon A. Merrill
 Residence: River Falls, Wisconsin, USA
 Citizenship: United States of America

Cassandra Masters
 Witness

John C. Harbath
 Witness

Scott E. Langer 3-15-05
 Date

Scott E. Langer
 Residence: Woodbury, Minnesota, USA
 Citizenship: United States of America

John R. Jordan
Witness
David J. Spence
Witness

Case No. 60625US002
Kyle J. Lindstrom 3/23/05
Date
Residence: Houlton, Wisconsin, USA
Citizenship: United States of America

Cassandra Masters
Witness
John C. Hobart
Witness

Sarah C. Johannessen 3/16/05
Date
Residence: Minneapolis, Minnesota, USA
Citizenship: United States of America

Cassandra Masters
Witness
John C. Hobart
Witness

Gregory J. Marszalek
Date
Residence: St. Paul, Minnesota, USA
Citizenship: United States of America

Cassandra Masters
Witness
John C. Hobart
Witness

Joshua R. Wurst 3/15/2005
Date
Residence: North St. Paul, Minnesota, USA
Citizenship: United States of America

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

METHOD OF PREFERENTIALLY INDUCING THE BIOSYNTHESIS OF INTERFERON

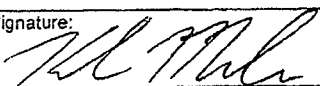

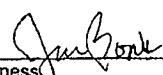
- ☐ for which an application for a United States Patent is being filed contemporaneously herewith;
- ☒ for which an application for a United States Patent identified as U.S. Patent Application No. 60/655452; was filed on February 23, 2005;
- ☐ which application is identified as PCT International Patent Application No. filed ;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents; and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Karl J.		Family Name or Surname: MANSKE	
Inventor's Signature: 		Date: 4/20/2005	
Residence: Minneapolis, Minnesota		Country: USA	Citizenship: United States of America
 _____ Witness		 _____ Witness	

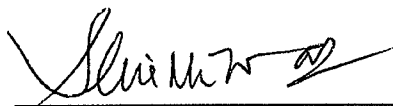
ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Assignors, nunc pro tunc, effective as of **February 22, 2006**, hereby:

1. Sell, assign and transfer to **3M INNOVATIVE PROPERTIES COMPANY**, a wholly owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal place of business at 3M Center, P.O. Box 33427, Saint Paul, Minnesota 55133-3427, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international application filed in the United States Patent and Trademark Office as Receiving Office on **February 22, 2006**, under International Application No.: **PCT/US2006/006222**, entitled **METHOD OF PREFERENTIALLY INDUCING THE BIOSYNTHESIS OF INTERFERON**, in and to said application and all non-provisional, national phase entry, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to Japan and Korea, on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said 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 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;
3. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
4. 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 us and that full right to convey the same as herein expressed is possessed by us; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

Date 7/31/08

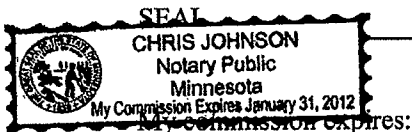
Inventor: 
Shri Niwas

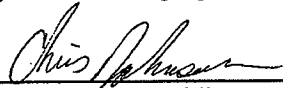
Address: 7151 Weston Lane North
Maple Grove, MN 55311

Citizenship: US

STATE/Commonwealth of Minnesota
COUNTY OF Ramsey:

On this 31st day of July, 2008, before me, the undersigned notary public, personally appeared Shri Niwas, proved to me through satisfactory evidence of identification, which were Drivers License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.




Notary Public

My commission expires: January 31, 2012

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Assignors, nunc pro tunc, effective as of **February 22, 2006**, hereby:

1. Sell, assign and transfer to **3M INNOVATIVE PROPERTIES COMPANY**, a wholly owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal place of business at 3M Center, P.O. Box 33427, Saint Paul, Minnesota 55133-3427, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international application filed in the United States Patent and Trademark Office as Receiving Office on **February 22, 2006**, under International Application No.: **PCT/US2006/006222**, entitled **METHOD OF PREFERENTIALLY INDUCING THE BIOSYNTHESIS OF INTERFERON**, in and to said application and all non-provisional, national phase entry, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to Japan and Korea, on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said 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 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;
3. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
4. 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 us and that full right to convey the same as herein expressed is possessed by us; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

2/28/08
Date

Gregory D. Lundquist, Jr.
Inventor:

Address: 803 Yorktown Place
Eagan, MN 55123

Citizenship: US

STATE/Commonwealth of Minnesota
COUNTY OF Dakota:

On this 28 day of February, 2008, before me, the undersigned notary public, personally appeared Gregory D. Lundquist, Jr., proved to me through satisfactory evidence of identification, which were Driver's License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

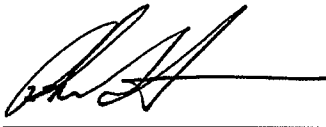
SEAL

Donna Marie Lucas
Notary Public



My commission expires: Jan 31, 2012

2/27/2008
Date


Inventor: Philip D. Heppner
Address: 9715 221st Street North
Forest Lake, MN 55025
Citizenship: US

STATE/Commonwealth of Minnesota
COUNTY OF Ramsey:

On this 27th day of February, 2008, before me, the undersigned notary public, personally appeared Philip D. Heppner, proved to me through satisfactory evidence of identification, which were Drivers License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL


Notary Public



My commission expires: 1-31-2012

2/22/08
Date

George W. Griesgraber
Inventor: George W. Griesgraber

Address: 631 Crimson Leaf Court
Eagan, MN 55123

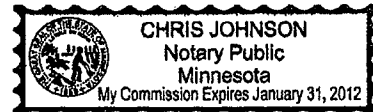
Citizenship: US

STATE/Commonwealth of Minnesota
COUNTY OF Ramsey:

On this 22nd day of February, 2008, before me, the undersigned notary public, personally appeared George W. Griesgraber, proved to me through satisfactory evidence of identification, which were drivers license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.


SEAL

Chris Johnson
Notary Public



My commission expires: January 31, 2012

2/22/08
Date


Inventor: Michael E. Danielson

Address: 1445 Scheffer Avenue
St. Paul, MN 55116

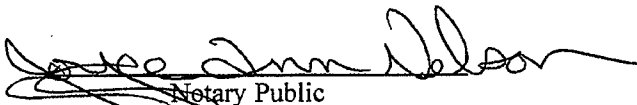
Citizenship: US

STATE/Commonwealth

COUNTY OF Dakota Minnesota:

On this 22 day of February, 2008, before me, the undersigned notary public, personally appeared Michael E. Danielson, proved to me through satisfactory evidence of identification, which were drivers license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL


Notary Public

My commission expires:

January 31, 2013

