502746973 03/31/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2793569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GABRIEL A. BILLER	03/12/2014
KRISTOPHER W. CLOVER	03/17/2014
MASUMA W. HENRY	03/12/2014
STEPHEN M. JUNE	03/17/2014
BRIAN L. LINZIE	03/17/2014
ROBERT D. LORENTZ	03/12/2014
DAVID M. MAHLI	03/18/2014
RICHARD J. MOORE	03/13/2014
CRISTIN E. MORAN	03/13/2014
TASUKU NAKAYAMA	03/13/2014
SCOTT D. PEARSON	03/13/2014
DENNARD J. POWELL	03/12/2014
OLEN RONNING	03/12/2014
GURUPRASAD SOMASUNDARAM	03/13/2014
BRIAN J. STANKIEWICZ	03/13/2014
DIANE R. WOLK	03/12/2014

RECEIVING PARTY DATA

Name: 3M INNOVATIVE PROPERTIES COMPANY	
Street Address: P.O. BOX 33427	
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14231072

CORRESPONDENCE DATA

Fax Number: (651)736-3833

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 651-733-1500

PATENT REEL: 032565 FRAME: 0891

502746973

Email: lengel@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER:	73851US005
NAME OF SUBMITTER:	LINDA ENGEL
SIGNATURE:	/Linda Engel/
DATE SIGNED:	03/31/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 20

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> PATENT REEL: 032565 FRAME: 0892

Case No:

73851US005

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

	SYSTEMS AND METHODS FOR NO	OTE RECOGNITION
The	e specification of which:	o. or trachilities
	is attached hereto;	
	was filed on as United States Application No.	
	is identified as PCT International Application No. filed on	

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

In addition, for good and valuable consideration, receipt of which is acknowledged, I 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 had this assignment and transfer not been made;

I do further agree for myself and for my 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 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 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, and interest therein.

A-10-1-11	
Legal Name of Inventor: Gabriel A. Biller	
Inventor's Signature:	Date:
Legal Name of Inventor: Kristopher W. Clover	
Inventor's Signature;	Date: /
	3/17/14
Legal Name of Inventor: Masuma W. Henry	
Inventor's Signature:	Date:
Legal Name of Inventor: Stephen M. June	
Inventor's Signature:	Date:
	3-17-14
Legal Name of Inventor: Brian L. Linzie	
Inventor's Signature:	Date:
Bur J. Figie	3-17-2014
Legal Name of Inventor: Robert D. Lorentz	
Inventor's Signature:	Date:
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Legal Name of Inventor: David M. Mahli	
Inventor's Signature:	Date: 3 / 18 / 2 074
Legal Name of Inventor: Richard J. Moore	
Inventor's Signature:	4.6
MW/M	Date: 3/13/2014
egal Name of Inventor:	
Cristin E. Moran	
nventor's Signature:	Date:
Custon 2 Moran	3-13-2014
egal Name of Inventor:	
asuku Nakayama	
ventor's Signature:	Date:
egal Name of Inventor:	
cott D. Pearson	
ventor's Signature:	Date:
gal Name of Inventor:	
ventor's Signature:	Date:
Tunnand & Poures	3-12-2014

Legal Name of Inventor: Olen Ronning		
Inventor's Signature:	Date:	e distribution of
Legal Name of Inventor:		
Guruprasad Somasundaram		
Inventor's Signature:	Date: 3 - 13 - 2	**************************************
Legal Name of Inventor: Brian J. Stankiewicz	and the second	e di Tai se
Inventor's Signature	Date: 3/13/2014	
Legal Name of Inventor:		
Diane R. Wolk	andigate and a service of the servic	
Inventor's Signature:	Date:	
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I do further agree for myself and for my 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 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 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.

Date: Date:	Legal Name of Inventor:	
Legal Name of Inventor: Kristopher W. Clover Inventor's Signature: Date: Legal Name of Inventor: Masuma W. Henry Inventor's Signature: Date: 3/12/201y Legal Name of Inventor: Stephen M. June Inventor's Signature. Date: Date: Legal Name of Inventor: Stephen M. June Inventor's Signature. Date: Legal Name of Inventor: Brian L. Linzie Inventor's Signature: Date:		
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Legal Name of Inventor: Masuma W. Henry Inventor's Signature: Date: 3/12/2019 Legal Name of Inventor: Stephen M. June Inventor's Signature: Date: Legal Name of Inventor: Brian L. Linzie Inventor's Signature: Date:		
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Inventor's Signature: Date: 3/12/2019		
Legal Name of Inventor: Stephen M. June Inventor's Signature: Date: Legal Name of Inventor: Brian L. Linzie Inventor's Signature: Date: Legal Name of Inventor: Robert D. Lorentz	masuma w. Menry	
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Legal Name of Inventor: Brian L., Linzie Inventor's Signature: Date: Legal Name of Inventor: Robert D. Lorentz	Stephen M. June	
Legal Name of Inventor: Brian L., Linzie Inventor's Signature: Date: Legal Name of Inventor: Robert D. Lorentz	Inventor's Signature.	Date
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Legal Name of Inventor: David M. Mahli	
Inventor's Signature:	Date:
Legal Name of Inventor: Richard J. Moore	uutusiinnaan aleeta aana kiliggii in ii i
Inventor's Signature:	Date:
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Cristin E. Moran	
Inventor's Signature:	Date:
Legal Name of Inventor:	
Tasuku Nakayama	
Inventor's Si gnature :	Date:
Legal Name of Inventor: Scott D. Pearson	
nventor's Signature:	Date:
egal Name of Inventor: Jennard J. Powell	
nventor's Signature:	Date:

Legal Name of Inventor:	
Olen Ronning	
Inventor's Signature:	Date:
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Legal Name of Inventor:	
Guruprasad Somasundaram	
Inventor's Signature:	Date:
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Legal Name of Inventor:	utationaminiminiminiminiminiminiminiminiminimi
Brian J. Stankiewicz	
Inventor's Signature:	Date:
Legal Name of Inventor:	
Diane R. Wolk	
Inventor's Signature:	Date:
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Case No:

73851US005

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

	SYSTEMS AND METHODS FOR NOTE	RECOGNITION
The	specification of which:	2.2000000000000000000000000000000000000
\boxtimes	is attached hereto;	
	was filed on as United States Application No.	
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Legal Name of Inventor:	
Gabriel A. Biller	
Inventor's Signature:	Date:
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Legal Name of Inventor:	
Kristopher W. Clover	
Inventor's Signature:	Date:

Legal Name of Inventor:	
Masuma W. Henry	
Introduce Canabase	Date:
Inventor's Signature:	Date.
Legal Name of Inventor;	
Stephen M. June	
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Inventor's Signature:	Date:
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Legal Name of Inventor:	
Brian L. Linzie	
Inventor's Signature:	Date:
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Legal Name of Inventor:	Managarian managarian managarian managarian managarian managarian managarian managarian managarian managarian m
Robert D. Lorentz	
Inventor's Signature:	Date:
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Legal Name of Inventor: David M. Mahli	
Inventor's Signature:	Date:
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Inventor's Signature:	Date:
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nventor's Signature:	Date;

Legal Name of Inventor: Olen Ronning		
Inventor's Signature:	Date:	· · · · · · · · · · · · · · · · · · ·
Legal Name of Inventor:		
Guruprasad Somasundaram		
Inventor's Signature:	Date:	
		<u></u>
Legal Name of Inventor: Brian J. Stankiewicz		
Inventor's Signature;	Date:	
		posta s _e – dyżack
Legal Name of Inventor: Diane R. Wolk		
Inventor's Signature:	Date:	

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3M 179997501

Legal Name of Inventor	
Gabriel A. Biller	
Inventor's Sign ature	Date
Legal Name of Inventor:	
Kristopher W. Clover	
Inventor's Signature:	Date:
Legal Name of Inventor: Masuma W. Henry	
Inventor's Signature:	Date
Legal Name of Inventor Stephen M. June	
inventor's Signature:	Oste:
Legal Name of Inventor, Brian L. Linzie	
Inventor's Signature:	Date
Legal Name of Inventor Robert D. Lorentz	
Inventor's Signature:	Date;

PATENT REEL: 032565 FRAME: 0906

Legal Name of Inventor David M. Mahli	
Inventor's Signature:	Oate:
Legal Name of Inventor: Richard J. Moore	
Inventor's Signature	Date:
Legal Name of Inventor Cristin E. Moran	
Inventor's Signature	Date:
Legal Name of Invent or .	
Tasuku Nakayama	
inventor's Signature: Jasuku Nafayama	Date: March 13, 2014
Legal Name of Inventor Scott D. Pearson	
inventor's Signature.	Date:
Legal Name of Inventor	
Dennard J. Powell Inventor's Signature:	Date:

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Olen Ronning	
Inventor's Signature	Date
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Guruprasad Somasundaram	
Inventor's Signature:	Cate
Legal Name of Inventor;	
Brian J. Stankiewicz	
Inventor's Signature	Date:
Legal Name of Inventor Diane R. Wolk	
Inventor's Signature:	Date

3M 1799975V1

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Inventor's Signature: Date: Legal Name of Inventor: Masuma W. Henry	
Legal Name of Inventor: Masuma W. Henry	
Masuma W. Henry	
Masuma W. Henry	
Inventor's Signature: Date:	
Legal Name of Inventor: Stephen M. June Inventor's Signature: Date:	
Legal Name of Inventor: Brian L. Linzie	
nventor's Signature: Date:	, , , , , , , , , , , , , , , , , , ,
egal Name of Inventor:	
Robert D. Lorentz	neemm
nventor's Signature: Date:	

Legal Name of Inventor: David M. Mahli	
Inventor's S ignature :	Date:
Legal Name of Inventor: Richard J. Moore	
Inventor's Signature:	Date:
Legal Name of Inventor:	
Cristin E. Moran Inventor's Signature:	Date:
Legal Name of Inventor: Tasuku Nakayama	
nventor's Signature:	Date
egal Name of Inventor: Scott D. Pearson	
nventor's Signature:	Date:
Sotto Perron	3-13-14
egal Name of Inventor: Pennard J. Powell	
ventor's Signature:	Date:

Legal Name of Inventor: Olen Ronning	
Inventor's Signature:	Date:
Legal Name of Inventor: Guruprasad Somasundaram	
Inventor's Signature:	Date:
Legal Name of Inventor: Brian J. Stankiewicz	
Inventor's Signature:	Date:
Legal Name of Inventor: Diane R. Wolk	
nventor's Signature:	Date:

RECORDED: 03/31/2014

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