Case No.: 59527US011

RECORDATION FORM COVER SHEET PATENTS ONLY			
To: The Director of the U.S. Patent and Trademark Office:			
Please record the attached document(s) or the new addres	s(es) bolov	ν.	
Name of conveying party(les)	s):	2. Name and address of receiving party(les):	
KREPSKI, Larry R. September 2: DELLARIA, Joseph F. Jr. September 2: DUFFY, Daniel E. September 2: AMOS, David T. September 2: ZIMMERMANN, Bernhard M. Sept ember 2: MOSER, William H. September 2:	1, 2006 1, 2006 1, 2006 1, 2006	3M innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(ies) attached? ☐ Yes ☒ No	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No			
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Other:			
4. Application or patent number(s)			
A. Patent Application No(s). O 5 9 5 5		atent No(s).	
Additional Numbers Attached? ☐ Yes ☒ No			
5. Name and address to whom correspondence concerning document should be mailed: Name: Dean A. Ersfeld Output Description: 1 A concerning document should be mailed: 2 A concerning document should be mailed: 3 A concerning document sho			
Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-733-7830 Fax Number: 651-736-3833 32692 Customer Number		7. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00 Enclosed Authorized to be charged to deposit account	
		8. Payment Information: Deposit Account Number: 13-3723 Authorized User Name: Dean A. Ersfeld	
9. Signature: Printed Name of Attorney/Agent: Dean A. Ersfeld Registration No.: 46,689 Pages: Total number of pages including COVER SHEET, atta	chments, a		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Case No.: 59527US011

ASSIGNMENT OF APPLICATION

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

	AMIDE SUBSTITUTED IMIDAZOPYRIDINES, IMIDAZOQUINOLINES, AND IMIDAZONAPHTHYRIDINES
	IMIDAZONALITITITADINEO
	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.; was filed on;
X	which application is identified as PCT International Patent Application No. PCT/US05/09880 ; filed March 24, 2005 ;

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]): Larry R.	Family Name or Surname: KREPSKI	
Inventor's Signature:	/ //	,2006
Résidenco: White Bear Lake, Minnesota	USA	Citizenship: United States of America
Ohl G Huh-Witness	Woin Stoerner Witness	

Page 1 of 3 _____Case No.: 59527US011

Given Name (first and middle [if any]): Joseph F,	Family Name or Surname: DELLARIA Jr.	
Inventor's Signature: Joseph J. Dellang J.	Date: 09/21/06	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
Chila And	Wom Stoer	mer

Given Name (first and middle [if any]): Daniel E.	Family Name or Surname: DUFFY	
Inventor's Signature:	7/21/200G	•
Residence: White Bear Lake Township, Minnesota	Country: USA	Clüzenship: United States of America
Witness 9.21-2006	Witness	9/21/06
Given Name (first and middle [if any]):	Family Name or Surname:	
David T.	AMOS	
Invantor's Signature:	Date: 9/21/200 6	5
Residence: St. Paul, Minnesota	Country: USA	Cilizenship: United States of America
Words Hoermen	Witness () Witness ()	
Given Name (first and middle [if any]): Bernhard M.	Family Name or Surname: ZIMMERMANN	
Inventor's Signature:	Date:	er,
Residence: Eagan, Minnesota	Country: USA	Citizenship: Switzerland
Witness	Without	MANA IN
AAIRIGSS	Witness	

Assignment

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PATENT REEL: 018295 FRAME: 0189

Given Name (first and middle [if any]): William H.	Family Name or Sun MOSER	name:
Inventor's Signature: WWW A MOM	Date: 09/21	104
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America
Cala Huk-	Witness	Strermen

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PATENT REEL: 018295 FRAME: 0190

Case No.: 59527US011

ASSIGNMENT OF APPLICATION

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

ſ	AMIDE SUBSTITUTED IMIDAZOPYRIDINES, IMIDAZOQUINOLINES, AND IMIDAZONAPHTHYRIDINES
	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.; was filed on;
X	which application is identified as PCT International Patent Application No. PCT/US05/09880 ; filed March 24 , 2005 ;

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]): Larry R.	Family Name or Surname: KREPSKI	
Inventor's Signature:	Date:	
Residence: White Bear Lake, Minnesota	Country: USA	Citizenship: United States of America
Witness	Witness	

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PATENT **REEL: 018295 FRAME: 0191**

Given Name (first and middle [if any]): Joseph F.	Family Name or Surname: DELLARIA Jг.	
Inventor's Signature:	Date:	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
Witness	Witness	
Given Name (first and middle [if any]): Daniel E.	Family Name or Surname: DUFFY	··· •
Inventor's Signature:	Date:	
Residence: White Bear Lake Township, Minnesota	Country: USA	Citizenship: United States of America
Witness	Witness	
Given Name (first and middle [if any]): David T.	Family Name or Surname: AMOS	
Inventor's Signature:	Date:	
Residence: St. Paul, Minnesota	Country: USA	Citizonship: United States of America
Witness	Witness	
Given Name (first and middle [if any]):	Family Name or Surname:	
Bernhard M.	ZIMMERMANN	
Loventor's Signatures Temporal Tempora	Date: 9/21/06	
Residence: Eagan, Minnesota	Country: 5 USA	Citizonship: Switzerland
Witness Land	Witness U	

PATENT Case No.: 59527US011 Page 2 of 3 **REEL: 018295 FRAME: 0192**

Given Name (first and middle [if any]): William H.	Family Name or Surname: MOSER	
Inventor's Signature:	Date:	
Residence: St. Paul, Minnesota	Country: USA	Oltizenship: United States of America
Witness	Witness	

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PATENT REEL: 018295 FRAME: 0193

RECORDED: 09/21/2006