Case No.: 64415US002

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Hager, Roger T. August 20, 2 Mansheim, Jonathan F. August 20, 2 Porcini, Mauro July 29, 2008 Newbould, Peter J. July 31, 2008 Iglesias, Marcela Silvina July 31, 2008 Additional name(s) of convoying party(ies) attached? ☐ Yes ☑ No	:008 8 8	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(ies) attached? Yes No			
3. Nature of conveyance: Assignment	Assignment				
4. Application or patent number(s) This document is being filed together with a new application.					
A. Patent Application No(s). 29/319826 Additional Numbers A	A. Patent Application No(s). B. Patent No(s).				
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: David B. Patchett Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-736-4713 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: David B. Patchett				
9. Signature: Printed Name of Attorney/Agent: David B. Patchett Registration No.: 39,326 Pages: Total number of pages including COVER SHEET, atternations.	achments, a	Date			

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PATENT REEL: 021445 FRAME: 0861

Case No.: 64415US002

ASSIGNMENT OF APPLICATION			
Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in			
HOO	DK		
for which an application for a United States Patent is be	ing filed contemporaneously	herewith;	
for which an application for a United States Patent ident June 16, 2008;	tified as U.S. Patent Applica	tion No. 29/319826; was filed on	
which application is identified as PCT International Pate	ent Application No. ; filed ;		
Now, therefore, for good and valuable consideration assign and transfer and do hereby assign and transfer wholly-owned subsidiary of 3M COMPANY, and a corpor Minnesota, its successors and assigns, the entire right, titl and in and to any division or continuation (in whole or improvements in the said invention made by me or made judring, or within one year after the termination of, my elfuture subsidiaries), and in and to any and all Letters Pate United States of America and countries foreign thereto (in or Inventors' Certificates in foreign countrios in its own applications to which such applications are entitled under have been or may be granted thereon or on any divisional reissue, or other or further application based in whole or in be held and enjoyed as fully and exclusively as they would been made; I/We do further agree for myself/ourselves and for modeliver without further consideration any further application acts as I/we lawfully may, that may be deemed necessary fully to secure its right, title, and interest as aforesaid at Inventors' Certificates in any and all countries; and I/We do hereby authorize and request the Commission be granted upon any of the said applications, to said 3N entire right, title, and interest therein. In witness whereof, I/we have signed my/our name(s) of the same of t	unto the 3M INNOVATIVE ation of Delaware, having ite, and interest in and to the r in part) of said applicationity with others (provided mployment with 3M COMF ent, reexaminations, reissureluding the right to apply for name and to claim any er international conventions I, continuation (in whole or in part upon the said invention have been by me/us had it y/our heirs, executors, and its assignments, and document by said Company, its successful to obtain or maintain Lener of Patents to issue any and Innovative Properties Company.	E PROPERTIES COMPANY, a its principal office at Saint Paul, e said invention and application, on, and in and to any and all any such improvement is made PANY and any of its existing or es, or extensions thereof, of the or Letters Patent, Utility Models, priority rights for such foreign a, treaties, or otherwise), which in part), renewal, reexamination, ion or improvements thereon, to this assignment and transfer not administrators, to execute and tents, and to perform such other essors, assigns, and nominees, etters Patent, Utility Models, or and all Letters Patent which may empany, as the assignee of the	
Roger T.	Hager		
Inventor's Signature:	Date: 8/20/08		
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America	
Shelly M Conouge	Susan M. A	endrickson	

Assignment

Page 1 of 2 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]); Јопаthап F.	Family Name or Surname: Mansheim
Inventor's Signature:	Date: 8-20-08
Besidence: Woodbury, Minnesota	Country: Citizenship: USA United States of America
Shellym Conoryea	Susan M. Handrickson
Given Name (first and middle [If any]):	Family Name or Surname:
Mauro	Porcini
Inventor's Signature;	Date:
Residence: Milano	Country: Citizenship: Italy Italy
Witness	Witness
Given Name (first and middle [if any]): Peter J.	Family Name or Surname: Newbould
Inventor's signature:	Date: 31/07/08
Residence: Milano	Country: Clizenship: Italy Great Britain
Motro Johno Tollente	Allub Wii Witnass
Given Name (first and middle [if any]): MS	Family Name or Surname: Iglesias
Inventor's Signature:	Date:
Mercala Silvino Iglisias.	31/07/08
Residence: WSi 31.07.08	Country: TALY 151 Citizenship: PISI: Switzerland-TALY Spain ARGENTINGS. OF CO
Mos terno torrente	Allutaliu Witness

Assignment

Page 2 of 2 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Case No.: 64415US002

ASSIGNMENT	OF APPLICATION	
Whoroas I/we, the below named inventor(s), with residence invention in	dence and citizenship as ind	icated below, have made an
НО	ЭK	-
 ☐ for which an application for a United States Patent is been for which an application for a United States Patent iden June 16, 2008; ☐ which application is identified as PCT International Patential 	tified as U.S. Patent Applicat	
Now, therefore, for good and valuable consideration assign and transfer and do hereby assign and transfer wholly-owned subsidiary of 3M COMPANY, and a corpor Minnosota, its successors and assigns, the entire right, tit and in and to any division or continuation (in whole of improvements in the said invention made by me or made during, or within one year after the termination of, my efuture subsidiaries), and in and to any and all Letters Pat United States of America and countries foreign thereto (in or Inventors' Certificates in foreign countries in its own applications to which such applications are entitled undersiable, or other or further application based in whole or it be held and enjoyed as fully and exclusively as they would been made; I/Wo do further agree for myself/ourselves and for modeliver without further consideration any further application acts as I/we lawfully may, that may be deemed necessary fully to secure its right, little, and interest as aforesaid a Inventors' Certificates in any and all countries; and I/We do hereby authorize and request the Commission be granted upon any of the said applications, to said 3I entire right, tittle, and interest therein. In witness whereof, I/we have signed my/our name(s)	unto the 3M INNOVATIVE ration of Delaware, having it de, and interest in and to the property of said application of the content of the right to apply for name and to claim any er international conventions of the continuation (in whole or it in part upon the said invention of the day and document of the content	E PROPERTIES COMPANY, a its principal office at Saint Paule said invention and application on, and in and to any and a any such improvement is made PANY and any of its existing of es, or extensions thereof, of the or Letters Patent, Utility Models priority rights for such foreigns, treaties, or otherwise), which in part), renewal, reexamination from the interest of the essors, assigns, and nominees etters Patent, Utility Models, or and all Letters Patent which may many, as the assignee of the empany, as the assignee of the
Roger T.	Family Name or Surname: Hager	
Inventor's Signature:	Date:	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
Witness	Witness	

Assignment

Page 1 of 2 3M Innovative Properties Company, P. O. -Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]): Jonathan F.	Family Name or Surname: Mansheim	
Inventor's Signature:	Date:	
Residence: Woodbury, Minnesota	Country: Clttzenship: USA United States of America	
Witness	Witness	
Given Name (first and middle [if any]): Mauro Inventor's Signature: Residence: Milano	Family Name or Surname: Porcini Date: Country: Clttzenship: Italy Italy	
Witness Wassparland Westernitus	HROLOMOVIO Wilness	
Given Name (first and middle [if any]): Peter J. Inventor's Signature:	Family Name or Surname: Newbould Date:	
Residence: Milano	Country: Citizenship: Italy Great Britain	
Witness	Witness	
Given Name (first and middle [if any]): Silvia S.	Family Name or Surname: Iglesias	
Inventor's Signature:	Date:	
Residence: Zug	Country: Citizenship: Switzerland Spain	
Witness	Witness	

Assignment

RECORDED: 08/26/2008

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