

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER D. HODSON	12/01/2011
STEPHEN W. STEIN	11/30/2011
HERBERT C. CHIOU	12/06/2011
ZHAOLIN WANG	11/30/2011
THOMAS S. ROBISON	11/30/2011
MICHAEL K. DOMROESE	12/06/2011
BLAKE D. WALBURG	12/06/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	3M INNOVATIVE PROPERTIES COMPANY
<b>Street Address:</b>	3M CENTER
<b>Internal Address:</b>	P.O. BOX 33427
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55133-3427
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15276521
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)253-0902
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	949-253-0900
<b>Email:</b>	uspatentmail@klgates.com
<b>Correspondent Name:</b>	K&L GATES LLP-ORANGE COUNTY
<b>Address Line 1:</b>	1 PARK PLAZA
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<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	1958854.00061
<b>NAME OF SUBMITTER:</b>	ROBERT W. WINN
<b>SIGNATURE:</b>	/Robert W. Winn/

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<b>DATE SIGNED:</b>	09/26/2016
<b>Total Attachments: 3</b> source=Executed_Assignment_-_Inventors_to_3M#page1.tif source=Executed_Assignment_-_Inventors_to_3M#page2.tif source=Executed_Assignment_-_Inventors_to_3M#page3.tif	

Docket No.: 64469US006

**ASSIGNMENT OF APPLICATION**

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

**DRY POWDER INHALERS**

- ☐ 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. 13/320,762, was filed on May 18, 2010
- ☒ which application is identified as PCT International Patent Application No. PCT/US2010/035280; filed May 18, 2010;

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]): Peter D.	Family Name or Surname: Hodson	
Inventor's Signature: <i>Peter D. Hodson</i>	Date: 01/DEC/2011	
Residence: Breaston, Derbyshire	Country: United Kingdom	Citizenship: Great Britain
<i>[Signature]</i> Witness	<i>[Signature]</i> Witness	


**PATENT****REEL: 027546 FRAME: 0339****PATENT****REEL: 039860 FRAME: 0312**


Given Name (first and middle (if any)): Stephen W.		Family Name or Surname: Stein	
Inventor's Signature: 		Date: 11/30/11	
Residence: Lino Lakes, Minnesota		Country: U.S.A.	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>30<sup>th</sup></u> day of <u>November</u> , 2011, before me personally appeared the above-named Stephen W. Stein, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <u>Judy L. Hansen</u> Notary Public			

Given Name (first and middle (if any)): Herbert C.		Family Name or Surname: Chiou	
Inventor's Signature: 		Date: 12/06/2011	
Residence: Oakdale, Minnesota SHOREVIEW 55122-0600 2011		Country: U.S.A.	Citizenship: United States of America and Australia
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>6<sup>th</sup></u> day of <u>December</u> , 2011, before me personally appeared the above-named Herbert C. Chiou, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <u>Judy L. Hansen</u> Notary Public			

Given Name (first and middle (if any)): Zhaolin		Family Name or Surname: Wang	
Inventor's Signature: 		Date: 30 Nov 2011	
Residence: Woodbury, Minnesota		Country: U.S.A.	Citizenship: People's Republic of China
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>30<sup>th</sup></u> day of <u>November</u> , 2011, before me personally appeared the above-named Zhaolin Wang, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <u>Judy L. Hansen</u> Notary Public			

Given Name (first and middle [if any]): Thomas S.		Family Name or Surname: Roblson	
Inventor's Signature: <i>Thomas S. Roblson</i>		Date: 30 November 2011	
Residence: St. Paul, Minnesota		Country: U.S.A.	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>30<sup>th</sup></u> day of <u>November</u> , 2011, before me personally appeared the above-named Thomas S. Roblson, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Judy L. Hansen</i> Notary Public

Given Name (first and middle [if any]): Michael K.		Family Name or Surname: Domroese	
Inventor's Signature: <i>Michael K. Domroese</i>		Date: 12-6-2011	
Residence: Woodbury, Minnesota		Country: U.S.A.	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>6<sup>th</sup></u> day of <u>December</u> , 2011, before me personally appeared the above-named Michael K. Domroese, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Judy L. Hansen</i> Notary Public

Given Name (first and middle [if any]): Blake D.		Family Name or Surname: Walburg	
Inventor's Signature: <i>Blake D. Walburg</i>		Date: 12/6/2011	
Residence: Minneapolis, Minnesota		Country: U.S.A.	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>6<sup>th</sup></u> day of <u>December</u> , 2011, before me personally appeared the above-named Blake D. Walburg, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Judy L. Hansen</i> Notary Public

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RECORDED: 04/13/2012

REEL: 027546 FRAME: 0344

RECORDED: 09/26/2016

PATENT  
REEL: 039860 FRAME: 0314