

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Adam S. Cantor	10/11/2010
Jacqueline M. Ganser	10/11/2010
Michael W. Muetting	10/12/2010
Stephen W. Stein	10/11/2010
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:	12995319
CORRESPONDENCE DATA	
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Phone:	651-733-1500
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Correspondent Name:	3M INNOVATIVE PROPERTIES COMPANY
Address Line 1:	PO BOX 33427
Address Line 4:	ST. PAUL, MINNESOTA 55133-3427
ATTORNEY DOCKET NUMBER:	64361US005
NAME OF SUBMITTER:	Renee A. Wolff

CH \$40.00 12995319

Total Attachments: 3
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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 PHARMACEUTICAL COMPOSITIONS FOR PULMONARY ADMINISTRATION, AND METHODS OF MANUFACTURING THEREOF

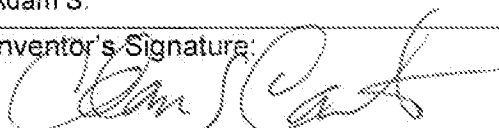

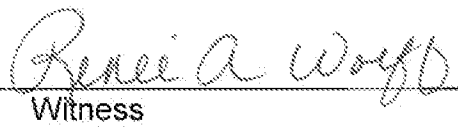
- for which an application for a United States Patent is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No. ; was filed on
- which application is identified as PCT International Patent Application No. PCT/US2009/048096; filed June 22, 2009;

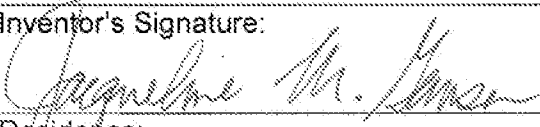
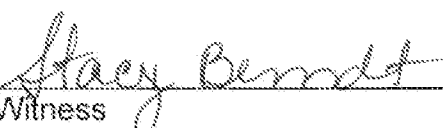
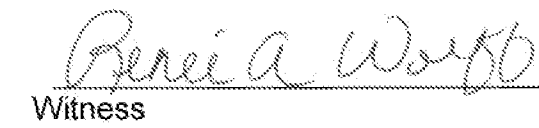
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office 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;

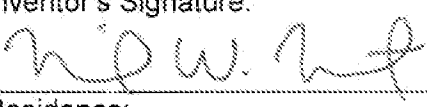
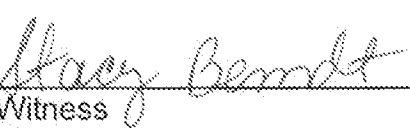
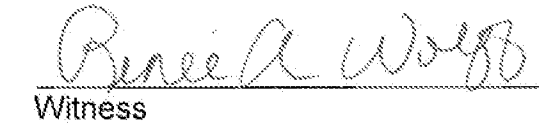
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, 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


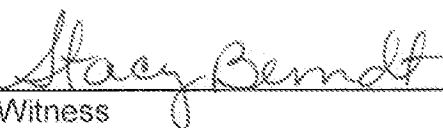
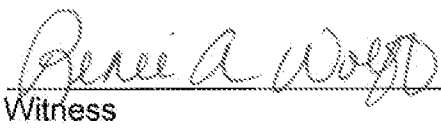
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

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]): Adam S.		Family Name or Surname: Cantor	
Inventor's Signature: 		Date: Oct. 11, 2010	
Residence: River Falls, Wisconsin		Country: USA	Citizenship: United States of America
Witness 		Witness 	

Given Name (first and middle [if any]): Jacqueline M.		Family Name or Surname: Ganser	
Inventor's Signature: 		Date: 10/11/10	
Residence: Falcon Heights, Minnesota		Country: USA	Citizenship: United States of America
Witness 		Witness 	

Given Name (first and middle [if any]): Michael W.		Family Name or Surname: Muetting	
Inventor's Signature: 		Date: 10/12/2010	
Residence: Stillwater, Minnesota		Country: USA	Citizenship: United States of America
Witness 		Witness 	

Given Name (first and middle [if any]): Stephen W.		Family Name or Surname: Stein	
Inventor's Signature: 		Date: 10/11/10	
Residence: Lino Lakes, Minnesota		Country: USA	Citizenship: United States of America
 Witness		 Witness	