			Case N	<u>o.: 62288US00</u>
RE	CORDATION F	FORM CON		
o: The Director of the U.S. Patent and	Trademark Office:		• • • • • • • • • • • • • • • • • • •	
Please record the attached document(s) or the new addres	ss(es) belov	۷.	Ļ
Name of conveying party(ies) <u>Execution Date(s);</u>		2. Name and address of receiving party(ies)		
Angadjivand, Seyed A. Fox, Andrew R. Stelter, John D. Lindquist, Timothy J. Brandner, John M. Springett, James E.	September 6, 2006 September 6, 2006 September 6, 2006 September 6, 2006 September 6, 2006 September 6, 2006		3M Innovative Properties Com P.O. Box 33427 St. Paul, Minnesota 55133-342 Additional name(s) of receiving part	27
lditional name(s) of conveying party(ies) attached? Yes 🖾 No				
Nature of conveyance: Assignment Security Agreement Ct	erger nange of Name overnment Interest A	ssignment		
Application or patent number(s)	This	document	is being filed together with a new	application.
A. Patent Application No(s).		B. Patent No(s).		
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11/461145 Name and address to whom corresp concerning document should be main Name: Kari G. Hanson Office of Intellectual Property Course 3M Innovative Properties Compar Phone Number: 651-736-7776 Fax Number: 651-736-3833	ondence iled: Insel	ttached? [6. Total and p 7. Total	☐ Ycs ☐ No number of applications	\$40.00 ccount
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PATENT REEL: 018240 FRAME: 0416

ASSIGNMENT OF APPLICATION

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

MOLDED MONOCOMPONENT MONOLAYER RESPIRATOR WITH BIMODAL MONOLAYER MONOCOMPONENT MEDIA

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. 11/461145; was filed on July 31, 2006;

which application is identified as PCT International Patent Application No. ; filed ;

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 nocessary 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]): Seyed A.	Family Name or Surname: Angadjivand	· ·
Inventor's Signature: Seyed A. Angadjuonal	Date: Sapt 6, 20	206
Residençe:	Country:	Citizenship:
Woodbury, Minnesota	USA	United States of America
Seyed A. Angadjivand, and who executed the foregoing instru- ycar aforcsaid. SUSAN M DACKO (Seal)	, 2006, before me personally a ument, as said person's free ac way with a said person's free ac visit person action of the said t	

Page 1 of 3

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Given Name (first and middle [if any]):	Family Name or Surnamo:		
Andrew R.	Fox		
Inventor's Signature:	Date:		
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Rosidence:	Countou	T Officereting	
Oakdale, Minnesota	Country: USA	Cltizenship:	
Cardaic, Minnesota	USA	United States of America	
STATE OF MINNESOTA	J-+	· · · · · · · · · · · · · · · · · · ·	
) 85.			
On this _ day of _ Ceptanter	_, 2006, beforo me personally :	appeared the above-named	
Andrew R. Fox, and who executed the foregoing instrument, a	as said person's free act and d	eed, on the day and year	
aforesaid. SUSAN M DACKO	\frown	Λ	
Notery Public			
(Seal) My Commission Expires Jonuery 24, 2010	- Crean MAA DO	a / 5	
	Notary Public	<u>~ _</u>	
	rodary r dono		
	·		
Given Name (first and middle [if any]):	Family Name or Surname:		
John D.	Stelter		
, source:	Otestes		
Inventor's Signature;	Date:		
1. Tthe	2-6-06		
Worth 1. 11 Ul	1 0-06		
Residence:	Country:	Citizenship:	
St. Joseph Township, Wisconsin	USA	United States of America	
		······	
STATE OF MINNESOTA			
On this O day of September	,, 2006, before me personally a	appeared the above-named	
John D. Stolter, and who executed the foregoing instrument, a	is said person's free act and do	eod, on the day and year	
aforesaid. <u>പുപപ്പക്കും കാരംകും</u> ഗ്ര		1	
SUSAN M DACKO	\mathbf{S} , $\mathbf{\nabla}$		
(Seal)	Sinda MAA	Malo	
	Notary Public		
Martin Commerced Charles Active Activ	Notary Fublic		
		······	
Given Name (first and middle (if any]):	Family Name or Surname:		
Timothy J.			
l innouig of	Lindquist		
*	Date:		
Inventor's Signature:	Date:		
Inventor's Signature:	Date: 09/06	106	
Inventor's Signature:	Date: 09/06 Country:	Citizenship:	
Inventor's Signature:	Date: 09/06	Citizenship: United States of America	
Inventor's Signature:	Date: 09/06 Country:		
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA	Date: 09/06 Country:		
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA)) 55.	Date: 09/06 Country:		
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA) ss. COUN'I'Y OF RAMSEY)	Date: 09/06 Country: USA	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA SS. COUN'I'Y OF RAMSEY On this (O day of September Statember (O day of September)	Date: O 9 O 6 Country: USA , 2006, before me personally a	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA) ss. COUN'I'Y OF RAMSEY)	Date: O 9 O 6 Country: USA , 2006, before me personally a	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA SS. COUN'I'Y OF RAMSEY On this (O day of September Statember (O day of September)	Date: O 9 O 6 Country: USA , 2006, before me personally a	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this O day of September Timothy J. Lindquist, and who executed the foregoing instrum aforesaid.	Date: O 9 O 6 Country: USA , 2006, before me personally a	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA) ss. COUN'TY OF RAMSEY On this O day of Optimulus Timothy J. Lindquist, and who executed the foregoing instrum aforesaid. SUSAN M DACKO	Date: O 9 O 6 Country: USA , 2006, before me personally a	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA) ss. COUN'I'Y OF RAMSEY On this (O day of California Timothy J. Lindquist, and who executed the foregoing instrum aforesaid. SUSAN M DACKO (Seal)	Date: O 9 / 0 6 Country: USA , 2006, before me personally a nent, as said person's free act a Susan Ma	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA) ss. COUN'I'Y OF RAMSEY On this O day of October Timothy J. Lindquist, and who executed the foregoing instrum aforesaid. (Seal) SUSAN M DACKO Notary Public Minnesota	Date: O 9 O 6 Country: USA , 2006, before me personally a	United States of America	
Inventor's Signature: Residence: Woodbury STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this (O day of California On this (O day of California Timothy J. Lindquist, and who executed the foregoing instrum aforesaid. SUSAN M DACKO (Seal)	Date: O 9 / 0 6 Country: USA , 2006, before me personally a nent, as said person's free act a Susan Ma	United States of America	

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Caso No.: 62288US002

REEL: 018240 FRAME: 0418

Given Name (first and middle [if any]):	Family Name or Sumame:					
John M.	Brandner					
Inventor's Signature:	Date:					
Chilman Barton	9/06/00					
Residence:	Country:	Citizenship:				
St. Paul, Minnesota	USA	United States of America				
STATE OF MINNESOTA						
) ss. COUNTY OF RAMSEY						
	0000 h - f					
On this _ (day of(<i>பிர்வியி</i> , 2006, before me personally appeared the abovo-named John M. Brandher, and who executed the foregoing instrument, as said person's free act and deed, on the day and year						
aforesaid. SUSAN M DACKO						
S S Notary Public						
(Scal) Minnesota Minnesota Minnesota	(<u>)////////////////////////////////////</u>	leno				
	Notary Puplic					
Given Name (first and middle [if any]):	Family Name or Surname:					
James E.	Springett					
Inventor's Signature:	Date:					
James & Anna & Ct	916606					
Rýcsidenco:	Country:	Citizenship:				
Résidence: Hudson, Wisconsin	USA	Cilizenship: United States of America				
Hudson, Wisconsin STATE OF MINNESOTA)) ss.						
Hudson, Wisconsin STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)	USA	United States of America				
Hudson, Wisconsin STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this (day of September	, 2006, before mo personally a	United States of America				
Hudson, Wisconsin STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this day of James E. Springett, and who executed the foregoing instrume aforesaid.	, 2006, before mo personally a	United States of America				
Hudson, Wisconsin STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this day of James E. Springett, and who exocuted the foregoing instrume aforesaid. SUSAN M DACKO Notary Public	, 2006, before mo personally a	United States of America				
Hudson, Wisconsin STATE OF MINNESOTA) ss. COUNTY OF RAMSEY) On this	USA , 2006, before mo personaliy a ent, as said person's free act ar Savan Might	United States of America				
Hudson, Wisconsin STATE OF MINNESOTA) State OF MINNESOTA) State OF MINNESOTA) On this	, 2006, before mo personally a	United States of America				

RECORDED: 09/08/2006

Page 3 of 3

PATENT REEL: 018240 FRAME: 0419