

PATENT REEL: 014543 FRAME: 0709

Case No.: 58589US002

## **ASSIGNMENT OF APPLICATION**

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

STABILIZED AEROSOL DISPERSIONS

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. 10/449,443; was filed on May 30, 2003;				
which application is identified as PCT International Pate	nt 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 corpora 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 juduring, or within one year after the termination of, my empsubsidiaries), and in and to any and all Letters Patent, ree States of America and countries foreign thereto (includir Inventors' Certificates in foreign countries in its own name to which such applications are entitled under international may be granted thereon or on any divisional, continuation other or further application based in whole or in part upon the enjoyed as fully and exclusively as they would have been be always as fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and exclusively as they would have been be always as a fully and the fully as a	unto the 3M INNOVATIVE ation of Delaware, having it e, and interest in and to the in part) of said application ointly with others (provided doyment by 3M COMPANY examinations, reissues, or end the right to apply for Leand to claim any priority right conventions, treaties, or end (in whole or in part), reneated said invention or improved your heirs, executors, and s, assignments, and document by said Company, its succeed to obtain or maintain Leand to Patents to issue any and Innovative Properties Company.	E PROPERTIES COMPANY, a its principal office at Saint Paul, its principal office at Saint Paul, it said invention and application, on, and in and to any and all any such improvement is made and any of its existing or future extensions thereof, of the United etters Patent, Utility Models, or otherwise), which have been or ewal, reexamination, reissue, or otherwise thereon, to be held and ent and transfer not been made; administrators, to execute and ments, and to perform such other dessors, assigns, and nominees, etters Patent, Utility Models, or and all Letters Patent which may impany, as the assignee of the		
Given Name (first and middle [if any]): Jimmie R.	Family Name or Surname:  Baran, Jr.			
Inventor's Signeture				
Si Oliz	Date: 9/29/03			
Residence: Prescott, Wisconsin	Country: USA	Citizenship: United States of America		
STATE OF MINNESOTA )	<u> </u>			
on this <u>ag</u> the day of <u>September</u> , 2003, before me personally appeared the above-named				
limmin B. Barrar I.	, zoos, before me personally a	ppeared the above-named		

Assignment

aforesaid.

(Seal)

Page 1 of 3

Jimmie R. Baran, Jr., and who executed the foregoing instrument, as said person's free act and deed, on the day and year

KATHLEEN M. MURRAY Notary Public Minnesota My Commission Expires Jan. 31, 2005

Case No.: 58589US002

Given Name (first and middle [if any]):  Brian J.  Residence: Oakdale, Minnesota  STATE OF MINNESOTA On this Ag day of Mindle [if any]):  Given Name (first and middle [if any]):  James S.  Given Name (first and middle [if any]):  James S.  Gounty: USA  County: USA  Citizenship: UsA  Citizenship: UsA  Citizenship: UsA  County: UsA  Citizenship: UsA  County: UsA  Citizenship: UsA  County: UsA  County: UsA  Citizenship: UsA  County: Usa  Citizenship: United States of America  Stately: America  County: United States of America  County: United States of America  County: Usa  County: Usa  County: Usa  County: Usa  County: Usa  County: Usa  County: United States of America
Residence: Oakdale, Minnesota  TATE OF MINNESOTA Strate OF MINNESOTA September  On this Agrand Montanesota  Given Name (first and middle (if any)):  James S.  Given Name (first and middle (if any)):  James S.  Given Name (first and middle (if any)):  James S.  Given Name (first and middle (if any)):  James S.  COUNTY OF RAMSEY  On this Agrand Montanesota  Date:  James S.  Country: USA  Citizenship: United States of America  Country: USA  Citizenship: United States of America  Country: USA  Citizenship: United States of America  Stafely  Country: USA  Country: United States of America  STATE OF MINNESOTA  SS.  COUNTY OF RAMSEY  On this AGRANGEY  On this AGRAN
Residence: Oakdale, Minnesota  STATE OF MINNESOTA  Ss. COUNTY OF RAMSEY On this Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  Given Name (first and middle [if any]): James S.  Given Name (first and middle [if any]): James S.  Given Name (first and middle [if any]): James S.  Stefely  Inventor's Signature: Woodbury, Minnesota STATE OF MINNESOTA  Ss.  COUNTY OF RAMSEY On this ACT day of James S.  COUNTY OF RAMSEY On this ACT day of James S.  Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Ss.  COUNTY OF RAMSEY On this ACT day of James S.  Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Woodary Public Molary Public
Residence: Oakdale, Minnesota  STATE OF MINNESOTA  Ss. COUNTY OF RAMSEY On this Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  Given Name (first and middle [if any]): James S.  Given Name (first and middle [if any]): James S.  Given Name (first and middle [if any]): James S.  Stefely  Inventor's Signature: Woodbury, Minnesota STATE OF MINNESOTA  Ss.  COUNTY OF RAMSEY On this ACT day of James S.  COUNTY OF RAMSEY On this ACT day of James S.  Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Ss.  COUNTY OF RAMSEY On this ACT day of James S.  Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Woodary Public Molary Public
Residence: Oakdale, Minnesota  STATE OF MINNESOTA  SS. COUNTY OF RAMSEY On this AG day of Activities of America  STATE OF MINNESOTA  SS. COUNTY OF RAMSEY On this AG day of Mountain Minnesota  Notary Public  Given Name (first and middle [if any]):  James S.  Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  SS. COUNTY OF RAMSEY On this AG day of Minnesota  STATE OF MINNESOTA  SS.  COUNTY OF RAMSEY  On this AG day of Minnesota  STATE OF MINNESOTA  SS.  COUNTY OF RAMSEY  On this AG day of Minnesota  STATE OF MINNESOTA  SS.  COUNTY OF RAMSEY  On this AG day of Minnesota  All Minnesota  Notary Public
Oakdale, Minnesofta  STATE OF MINNESOTA SS.  COUNTY OF RAMSEY On this 49 day of Aptember 2003, before me personally appeared the above-named Brian J. Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Given Name (first and middle [if any]):  James S.  Reflection:  Family Name or Sumame:  Stefely  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA SS.  COUNTY OF RAMSEY On this 40 day of Aptember 2003, before me personally appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Washidana Appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  Washidana Appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  Notary Public  Notary Public
STATE OF MINNESOTA  COUNTY OF RAMSEY  On this Ag day of Action of Brian J. Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  STATE OF MINNESOTA  On this Ag day of Age much as a said person's free act and deed, on the day and year aforesaid.  (Seal)  STATE OF MINNESOTA  On this Ag day of Age much as a said person's free act and deed, on the day and year aforesaid.  (Seal)  STATE OF MINNESOTA  On this Ag day of Age much as a said person's free act and deed, on the day and year aforesaid.  (Seal)  STATE OF MINNESOTA  On this Ag day of Age much as a said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public Minnesota  Notary Public  Notary Public  Notary Public  Notary Public  Notary Public
COUNTY OF RAMSEY On this AG day of September 2003, before me personally appeared the above-named Brian J. Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  State Of MINNESOTA  James S.  COUNTY OF RAMSEY On this AGC day of Appendix Agriculture and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  HEEN M. MUNIFAT  Notary Public  Minnesota  Date:  Country:  USA  Citizenship:  United States of America  The personally appeared the above-named and year aforesaid.  (Seal)  HEEN M. MUNIFAT  Notary Public  Notary Public  Notary Public  Notary Public  Notary Public
COUNTY OF RAMSEY On this AG day of September 2003, before me personally appeared the above-named Brian J. Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  State Of MINNESOTA  James S.  COUNTY OF RAMSEY On this AGC day of Appendix Agriculture and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  HEEN M. MUNIFAT  Notary Public  Minnesota  Date:  Country:  USA  Citizenship:  United States of America  The personally appeared the above-named and year aforesaid.  (Seal)  HEEN M. MUNIFAT  Notary Public  Notary Public  Notary Public  Notary Public  Notary Public
COUNTY OF RAMSEY On this Gray day of September 1, 2003, before me personally appeared the above-named Brian J. Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  County Public  Given Name (first and middle [if any]):  James S.  Inventor's Signature:  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  State of Minnesota  STATE OF MINNESOTA  James S.  COUNTY OF RAMSEY  On this ACT day of Appendix James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Appendix
On this 49 day of September, 2003, before me personally appeared the above-named Brian J. Gabrio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal) Notary Public Minnasota Notary Public Notary Public Notary Public Stefely  Inventor's Signature: Date: Stefely  Inventor's Signature: USA Country: USA Citizenship: United States of America STATE OF MINNESOTA St.  Stefely On this 40 day of Application of the day and year aforesaid.  (Seal) Application of the day and year aforesaid.  (Seal) Application of the day and year aforesaid.  On this 40 day of Application of the day and year aforesaid.  (Seal) Application of the day and year aforesaid.  On this 40 day of Application of the day and year aforesaid.  (Seal) Application of the day and year aforesaid.  On the day and year aforesaid.  On the day and year aforesaid.
Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  STATE OF MINNESOTA  James S.  COUNTY OF RAMSEY  On this Africa States of America  On the day and year aforesaid.  (Seal)  On the Africa Minnesota  On the day and year aforesaid.  On the Africa Minnesota  On the Africa States of America  On the Africa Minnesota  On the Day and year aforesaid.  On the Africa Minnesota  On the Minnesota
Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  STATE OF MINNESOTA  James S.  COUNTY OF RAMSEY  On this Africa States of America  On the day and year aforesaid.  (Seal)  On the Africa Minnesota  On the day and year aforesaid.  On the Africa Minnesota  On the Africa States of America  On the Africa Minnesota  On the Day and year aforesaid.  On the Africa Minnesota  On the Minnesota
Given Name (first and middle [if any]):  James S.  Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  On this Add day of Aday of James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Alfricen M Murity Public  Notary Public  Notary Public  Notary Public  Motary Public  Notary Public  Notary Public  Motary Public  Notary Public  Motary Public  Motary Public  Motary Public  Motary Public  Motary Public  Motary Public
Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  On this Aday of James S.  COUNTY OF RAMSEY  On this Aday of James S.  COUNTY OF RAMSEY  On this Aday of James S.  Stefely  Aday of James S.  COUNTY OF RAMSEY  On this Aday of James S.  Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public  Woodary Public  Notary Public  Notary Public  Aday Of James S.  Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)
Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  State day of Adjunted  On this Addustry day of Adjunted  James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Family Name or Surname:  Stafely  Country:  USA  Citizenship:  United States of America  Citizenship:  United States of America  Country:  On this Addustry  Adjunted  Notary Public  Notary Public  Notary Public
Given Name (first and middle [if any]):  James S.  Inventor's Signature:  Woodbury, Minnesota  STATE OF MINNESOTA  State day of Adjunted  On this Addustry day of Adjunted  James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Family Name or Surname:  Stafely  Country:  USA  Citizenship:  United States of America  Citizenship:  United States of America  Country:  On this Addustry  Adjunted  Notary Public  Notary Public  Notary Public
Inventor's Signature:  June 1 June 27, 2003  Residence: Woodbury, Minnesota  STATE OF MINNESOTA  On this 44 day of day of day of James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Stefely  Date:  June 27, 2003  Citizenship: United States of America  United States of America  Volary Public  Notary Public  Notary Public  Notary Public  Notary Public
Inventor's Signature:  June 1 June 27, 2003  Residence: Woodbury, Minnesota  STATE OF MINNESOTA  On this 44 day of day of day of James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Stefely  Date:  June 27, 2003  Citizenship: United States of America  United States of America  Volary Public  Notary Public  Notary Public  Notary Public  Notary Public
Inventor's Signature:  June 1 June 27, 2003  Residence: Woodbury, Minnesota  STATE OF MINNESOTA  On this 44 day of day of day of James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Stefely  Date:  June 27, 2003  Citizenship: United States of America  United States of America  Volary Public  Notary Public  Notary Public  Notary Public  Notary Public
Inventor's Signature:  June 1 June 27, 2003  Residence: Woodbury, Minnesota  STATE OF MINNESOTA  On this 44 day of day of day of James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Stefely  Date:  June 27, 2003  Citizenship: United States of America  United States of America  Volary Public  Notary Public  Notary Public  Notary Public  Notary Public
Inventor's Signature:  June 1 June 27, 2003  Residence: Woodbury, Minnesota  STATE OF MINNESOTA  On this 44 day of day of day of James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Stefely  Date:  June 27, 2003  Citizenship: United States of America  United States of America  Volary Public  Notary Public  Notary Public  Notary Public  Notary Public
Inventor's Signature:  June 1 June 27, 2003  Residence: Woodbury, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this 4 day of 2 day of 3
Residence: Woodbury, Minnesota  STATE OF MINNESOTA  SS.  COUNTY OF RAMSEY  On this AGE day of Aday of
Residence: Woodbury, Minnesota  STATE OF MINNESOTA  SS.  COUNTY OF RAMSEY  On this AGE day of Aday of
STATE OF MINNESOTA  STATE OF MINNESOTA  SS.  COUNTY OF RAMSEY  On this AGE day of James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Country: USA  Citizenship: United States of America  Country: USA  Country: USA  Citizenship: United States of America  State of America  America  America  America  America  State of America  America  America  State of America  America  America  America  Notary Public  Notary Public  Notary Public  Minnesota
Woodbury, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this 47 day of Aplantic , 2003, before me personally appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public Minnesota  Notary Public
Woodbury, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this Age day of Aday of Ada
STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this Age day of Applember , 2003, before me personally appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public Notary Public
On this Age day of Applember , 2003, before me personally appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public  Notary Public
On this Age day of Applember , 2003, before me personally appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public  Notary Public
On this 39th day of September , 2003, before me personally appeared the above-named James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public  Notary Public
James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public  Notary Public  Notary Public
James S. Stefely, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public  Notary Public  Notary Public
(Seal)  Notary Public Minnesota  Notary Public
Notary Public Notary Public Minnesota
Notary Public Notary Public Minnesota
Minnesota Notary Fublic
and the state of t
Given Name (first and middle [if any]): Family Name or Surname:
Stephen W. Stein
Inventor's Signature:
Inventor's Signature:  Date:
Inventor's Signature:  Date:  9/29/03
Stephen 4. Sein 9/29/03
Residence:  Residence:  Country:  Citizenship:
Stephen 4. Sein 9/29/03
Residence:  Residence:  Country:  Citizenship:
Residence: Lino Lakes, Minnesota  STATE OF MINNESOTA  Sss.  Country: USA  Citizenship: United States of America
Residence: Lino Lakes, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY  Country: USA  Country: USA  Citizenship: United States of America
Residence: Lino Lakes, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY  Country: USA  Citizenship: United States of America
Residence: Lino Lakes, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this Agriday of September 12003, before me personally appeared the above-named
Residence: Lino Lakes, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this 49 day of day o
Residence: Lino Lakes, Minnesota  Country: USA  Citizenship: United States of America  STATE OF MINNESOTA  Sss.  COUNTY OF RAMSEY  On this Ago day of Stephen W. Stein, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.
Residence: Lino Lakes, Minnesota  STATE OF MINNESOTA  Sss.  COUNTY OF RAMSEY  On this Agriday of Aptember , 2003, 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)
Residence: Lino Lakes, Minnesota  Country: USA  Citizenship: United States of America  STATE OF MINNESOTA  Sss.  COUNTY OF RAMSEY  On this Ago day of Stephen W. Stein, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.

Assignment

Page 2 of 3

Case No.: 58589US002

Given Name (first and middle [if any]):	Family Managers Commencer			
1 / /	Family Name or Surname:			
Thomas E.	Wood			
Inventor's Signature:	Date:	-		
Monos C. Work	9/26/0	3		
Residence:	Country:	Citizenship:		
Stillwater, Minnesota	USA	United States of America		
\		ormod oracoo or 7 mileriod		
STATE OF MINNESOTA )				
) ss. \				
COUNTY OF RAMSEY ) .				
On this 21 th day of contained and	0000 1 6			
On this <u>36 ta</u> day of <u>September</u> , 2003, before me personally appeared the above-named				
Thomas E. Wood, and who executed the foregoing instrument, as said person's free act and deed, on the day and year				
aforesaid.				
KATHLEEN M. MURRAY	-11			
(Seal) Notary Public	Fathleen M. Notary Public	Dune.		
Minnesota	Notary Bublic	<del>1 7 500 mg</del>		
My Commission Expires Jan. 31, 2005	Notally Fublic	-		

Assignment

Page 3 of 3

PATENT REEL: 014543 FRAME: 0712

Case No.: 58589US002

RECORDED: 10/02/2003