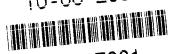
10-06-2003



Case No.: 58135US002 _T To: The Honorable Commissioner of Patents and Trademarks Please record the attached original document(s) or copy thereof. 1. Name of conveying party(ies)/(Execution Date) 2. Name and address of receiving party(ies): Fischer, Patrick J. September 29, 2003 **3M Innovative Properties Company** Kobe, James J. September 29, 2003 P.O. Box 33427 Murray, Cameron T. September 29, 2003 St. Paul, Minnesota 55133-3427 Additional names of receiving party(ies) attached? Additional names of conveying party(ies) attached? ☐ Yes ☒ No ☐ Yes ☒ No 3. Nature of Conveyance: Assignment ☐ Merger Security Agreement Change of Name Other: If this is a request for correction of a previously recorded document, a copy of the previously recorded assignment and previous Notice of Recordation is enclosed. 4. Application number or patent number: This document is being filed contemporaneously with a new patent application. This document is to be recorded against the following patent application or patent: 10/449,679 Enter Patent Cooperation Treaty (PCT) application number only if a USSN has not been assigned: Additional Numbers Attached? Tyes No. 5. Name and address of party to whom correspondence 6. Total number of applications concerning document should be mailed: and patents involved: 1 Name: Scott A. Bardell Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: (651) 736-6935 7. Total fee (37 CFR § 3.41): \$40.00 Enclosed Authorized to be charged to deposit account PATENT TRADEMARK OFFICE 8. Deposit Account Number: 13-3723 DO NOT USE THIS SPACE 9. Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the

Pages: Total number of pages including COVER SHEET, attachments and documents Mail documents to be recorded with required cover sheet information to:

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Director of the United States Patent and Trademark Office

Signature

original document. Charges to deposit account fre authorized, as indicated herein.

P.O. Box 1450 Alexandria, VA 22313-1450

Scott A. Bardell Registration No.: 39,594

Printed Name of Attorney/Agent:

00000102 133723

PATENT REEL: 014543 FRAME: 0782

Case No.: 58135US002

ASSIGNMENT OF APPLICATION

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

THERMAL CONDUCTING FOAM INTERFACE MATERIALS

 for which an application for a United States Patent is be for which an application for a United States Patent ident May 30, 2003; 		led 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, title and in and to any division or continuation (in whole or improvements in the said invention made by me or made during, or within one year after the termination of, my empsubsidiaries), and in and to any and all Letters Patent, results of America and countries foreign thereto (including 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 enjoyed as fully and exclusively as they would have been a lower 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 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, title, and interest therein. In witness whereof, I/we have signed my/our name(s)	r unto the 3M INNOVATIVE PROPERTIES COMPA ration of Delaware, having its principal office at Saint tle, and interest in and to the said invention and application part) of said application, and in and to any a jointly with others (provided any such improvement is ployment by 3M COMPANY and any of its existing or examinations, reissues, or extensions thereof, of the ing the right to apply for Letters Patent, Utility Mode and to claim any priority rights for such foreign application and conventions, treaties, or otherwise), which have been (in whole or in part), renewal, reexamination, reiss in the said invention or improvements thereon, to be he by me/us had this assignment and transfer not been my/our heirs, executors, and administrators, to executors, assignments, and to perform such y by said Company, its successors, assigns, and nome and to obtain or maintain Letters Patent, Utility Mode oner of Patents to issue any and all Letters Patent which is a succession of the assignee.	NY, a t Paul, cation, and all made future United els, or cations een or sue, or eld and made; te and n other ninees, els, or
Given Name (first and middle [if any]): Patrick J.	Family Name or Surname: Fischer	
Inventor's Signature:	Date:	
Pot D Friel		
Residence:	9/29/03 Country: Citizenship:	
St. Paul, Minnesota	USA United States of America	a
STATE OF MINNESOTA)		
) ss. COUNTY OF RAMSEY)		
On this <u>29th</u> day of <u>September</u>	_, 2003, before me personally appeared the above-named	1
Patrick J. Fischer, and who executed the foregoing instrument aforesaid.	nt, as said person's free act and deed, on the day and year	}
(Seal) KATHLEEN M. MURRAY Notary Public Minnesota My Commission Expires Jan. 31, 2005	Hathleen M. Murry Notary Public	

Assignment

Page 1 of 2

PATENT

Case No.: 58135US002

Given Name (first and middle [if any]):	Family Name or Surname:			
James J.	Kobe			
Laurada de Circa abras.	Deter			
Inventor's Signature:	Date:			
DAMILL SAVILLE	9/29/0			
Residence: //	Country:	Citizenship:		
Newport, Minnesota	USA	United States of America		
STATE OF MINNESOTA)				
) ss. COUNTY OF RAMSEY)				
On this Agte day of September, 2003, before me personally appeared the above-named				
James J. Kobe, and who executed the foregoing instrument, as said person's free act and deed, on the day and year				
aforesaid. KATHLEEN M. MURRAY	Walley In	1 00		
(Seal) Motary Public	Gathleen 11	Thursy		
Minnesota	Notary Public			
My Commission Expires Jan. 31, 2005	•			
Civer Name (First and middle life and)	Esmily Name or Surpens			
Given Name (first and middle [if any]):	Family Name or Surname:			
Given Name (first and middle [if any]): Cameron T.	Family Name or Surname: Murray			
Cameron T.	Murray			
Inventor's Signature: August - Museum	Murray Date: 2/29/03			
Inventor's Signature: Residence:	Murray Date: 2/29/03 Country:	Citizenship:		
Inventor's Signature: August - Museum	Murray Date: 2/29/03	Citizenship: United States of America		
Inventor's Signature: Residence:	Murray Date: 2/29/03 Country:			
Residence: Lake Elmo, Minnesota STATE OF MINNESOTA) ss.	Murray Date: 2/29/03 Country:			
Residence: Lake Elmo, Minnesota STATE OF MINNESOTA) SCOUNTY OF RAMSEY Cameron T. Inventor's Signature: A County Of RAMSEY Signature: A County Of RAMSEY A County Of RAMSEY A County Of RAMSEY A County Of RAMSEY	Murray Date: 2/29/03 Country:			
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Residence: Lake Elmo, Minnesota STATE OF MINNESOTA STATE OF RAMSEY On this Agtherity	Murray Date: 2/29/03 Country: USA , 2003, before me personally a	United States of America		
Residence: Lake Elmo, Minnesota STATE OF MINNESOTA) SCOUNTY OF RAMSEY Cameron T. Inventor's Signature: A County Of RAMSEY Signature: A County Of RAMSEY A County Of RAMSEY A County Of RAMSEY A County Of RAMSEY	Murray Date: 2/29/03 Country: USA , 2003, before me personally a	United States of America		
Residence: Lake Elmo, Minnesota STATE OF MINNESOTA STATE OF RAMSEY On this Agt day of Cameron T. Murray, and who executed the foregoing instrum aforesaid.	Murray Date: 2903 Country: USA , 2003, before me personally a ent, as said person's free act a	United States of America appeared the above-named and deed, on the day and year		
Residence: Lake Elmo, Minnesota STATE OF MINNESOTA STATE OF RAMSEY On this Agt day of Cameron T. Murray, and who executed the foregoing instrum aforesaid. (Seal)	Date: 2 29 03 Country: USA , 2003, before me personally a cent, as said person's free act a	United States of America		
Residence: Lake Elmo, Minnesota STATE OF MINNESOTA STATE OF MINNESOTA STATE OF MINNESOTA SS. COUNTY OF RAMSEY On this Agricultum Cameron T. Murray, and who executed the foregoing instrum aforesaid. (Seal)	Murray Date: 2903 Country: USA , 2003, before me personally a ent, as said person's free act a	United States of America appeared the above-named and deed, on the day and year		
Residence: Lake Elmo, Minnesota STATE OF MINNESOTA STATE OF RAMSEY On this Agrid day of Cameron T. Murray, and who executed the foregoing instrum aforesaid. (Seal)	Date: 2 29 03 Country: USA , 2003, before me personally a cent, as said person's free act a	United States of America appeared the above-named and deed, on the day and year		

Assignment

RECORDED: 10/02/2003

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