To: The Director of the U.S. Patent and Trademark Office: Please record the attached document(s) or the new address(es) below. 1. Name of conveying party(ies) Andreas Bergstraesser Christiane Frank Manfred Harre Additional name(s) of conveying party(ies) attached? Yes No				Case No.: 61045US003		
Please record the attached document(s) or the new address(es) below. 1. Name of conveying party(ies) Andreas Bergstraesser Christiane Frank Manfred Harre August 21, 2006 September 12, 2006 Additional name(s) of conveying party(ies) attached? Yes No No No No No No No No	REC			•		
1. Name of conveying party(ies) Andreas Bergstraesser Christiane Frank Manfred Harre August 4, 2006 August 21, 2006 September 12, 2006 September 12, 2006 Additional name(s) of conveying party(ies) attached? Yes ☒ No Additional name(s) of conveying party(ies) attached? Yes ☒ No Additional name(s) of conveying party(ies) attached? Yes ☒ No Additional name(s) of receiving party(ies) attached? Yes ☒ No Additional name(s) of receiving party(ies) attached? Yes ☒ No Additional name(s) of receiving party(ies) attached? Yes ☒ No Additional name(s) of receiving party(ies) attached? Yes ☒ No Additional name(s) of receiving party(ies) attached? Yes ☒ No B. Patent No(s). B. Patent No(s). B. Patent No(s). 5. Name and address to whom correspondence concerning document should be mailed: Name: Sean J. Edman Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-778-786 Fax Number: 651-778-3833 32692 Customer Number 9. Signature: Printed Name of Attorney/Agent: With A Dimmer Additional Address of receiving party(ies): 3M Innovative Properties Company Phone Number: 651-736-786 Fax Number: 651-736-786 B. Patent No(s). 7. Total fee (37 CFR §§ 1.21(n) & 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Payment Information: Deposit Account Number: 13-3723 Authorized User Name: Sean J. Edman	To: The Director of the U.S. Patent and T	rademark Office:				
Andreas Bergstraesser Christiane Frank Manfred Harre August 21, 2006 September 12, 2006 Additional name(s) of conveying party(ies) attached? Yes No	Please record the attached document(s)	or the new address(es)	belov	v.		
Christiane Frank Manfred Harre August 21, 2006 September 12, 2006 Additional name(s) of conveying party(ies) attached? Yes No	Name of conveying party(ies)	Execution Date(s):		2. Name and address of receiving party(ies):		
Yes No No Yes No Yes Yes No Yes Yes No Yes Yes Yes No Yes	Christiane Frank	August 21, 2006		P.O. Box 33427		
Security Agreement Security Agreement Solution (Change of Name Government Interest Assignment Solution or patent number(s)						
A. Patent Application No(s). 29/259596 Additional Numbers Attached?	✓ Assignment ☐ Merger ✓ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment					
Additional Numbers Attached?	4. Application or patent number(s)	☐ This docu	ıment	is being filed together with a new application.		
Additional Numbers Attached? ☐ Yes ☐ No 5. Name and address to whom correspondence concerning document should be mailed: Name: Sean J. Edman Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-575-1796 Fax Number: 651-736-3833 32692 Customer Number 32692 Customer Number 8. Payment Information: Deposit Account Number: 13-3723 Authorized User Name: Sean J. Edman 9. Signature: Printed Name of Attorney/Agent: MacChange Cartesian Properties Company Authorized User Name: Sean J. Edman	A. Patent Application No(s). B. Patent No(s).					
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And patents involved: Name: Sean J. Edman Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-575-1796 Fax Number: 651-736-3833 32692 Customer Number 8. Payment Information: Deposit Account Number: 13-3723 Authorized User Name: Sean J. Edman	Ad	ditional Numbers Attache	ed? [] Yes □ No		
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Phone Number: 651-755-1796 Fax Number: 651-736-3833 32692 Customer Number 8. Payment Information: Deposit Account Number: 13-3723 Authorized User Name: Sean J. Edman 9. Signature: Printed Name of Attorney/Agent: Ma. A. Januara Ma. Januara Ma			·			
32692 Customer Number 8. Payment Information: Deposit Account Number: 13-3723 Authorized User Name: Sean J. Edman 9. Signature: Printed Name of Attorney/Agent: May Allegants	Phone Number: 651-575-1796	7. Total		Enclosed		
Deposit Account Number: 13-3723 Authorized User Name: Sean J. Edman 9. Signature: Printed Name of Attorney/Agent: May Allegad a 28 2 2 4 4						
9. Signature: Printed Name of Attorney/Agent: May Allegand 18 7 2 11						
Printed Name of Attorney/Agent: Way Allegard 18 2 2 and 1						
	9. Signature:	1/ 0/2				
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Registration No.: 42,506 Signature Date Pages: Total number of pages including COVER SHEET, attachments, and documents 3	Registration No.: 42,506	gnaturé/ Super attachma	inte es	Date 2		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 018331 FRAME: 0158

Case No.: 61045US003

ASSIGNMENT OF APPLICATION

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

	MIXING DEVICE
	for which an application for a United States Patent is being filed contemporaneously herewith;
\boxtimes	for which an application for a United States Patent identified as U.S. Patent Application No. 29/259596; was filed on May 11, 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 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]):	Family Name or Surname:		
Andreas	Bergstraesser		
Inventor's Signature: ANDUSKS DENGROUDEN	Date: 04. August 2006		
Residence:	Country:	Citizenship:	
83544 Albaching, Germany	Germany	Germany	
Witness Matthias Fischer	Witness Marie-Thérèse Hofmann		

Assignment Page 1 of 2 Case No.: 61045US003

i	Given Name (first and middle [if any]); Christiane	Family Name or Surname: Frank	
	Inventor's Signature:	Date: 21- AMG - 2006	
	Residence: 80636 München	Country: Germany	Citizenship: Germany
	Witness Marie-Thérèse Hofmann	Witness Peter Bausb	ack
	Given Name (first and middle [if any]): Manfred ਵਾਲ	Pamily Name or Surname: Harre Date: 12. Sept. 2006	
	Inventor's Signature:		
	Residence: D-86899 Landsberg	Country: Germany	Citizenship: Germany
	Submina hop	Cisabeth Hall	
	YMMess Sabrina Mros	winess Elisabeth Moll	

Assignment

RECORDED: 09/28/2006

Page 2 of 2

Case No.: 61045US003