12-26-2002

	<u>se No.: 55638US007</u>		
PATE	10000 d a s		
To: The Honorable Commissioner of Patents and Tradem	102321869		
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):		
Robert J. DeVoe December 4, 2002	3M Innovative Properties Company		
Catherine A. Leatherdale December 5, 2002	P.O. Box 33427		
Guoping Mao December 4, 2002	St. Paul, Minnesota 55133-3427		
Patrick R. Fleming December 5, 2002	50 2 50 5 5 127		
Harvey W. Kalweit December 4, 2002			
Additional names of conveying party(ies) attached?	Additional names of receiving party(ies) attached?		
Yes No	☐ Yes ⊠ No		
3. Nature of Conveyance:			
Security Agreement Change of Name	(*****		
Other:	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		
If this is a request for correction of a previously recorded document, a co	ny of the		
previously recorded assignment and previous Notice of Recordation is e			
4. Application number or patent number:	6 2 m		
This document is being filed with a new patent application			
This document is to be recorded against the following pat			
Enter Patent Cooperation Treaty (PCT) application number			
Additional Numbers A	Additional Numbers Attached?		
5. Name and address of party to whom correspondence			
	6. Total number of applications		
concerning document should be mailed:	6. Total number of applications and patents involved:		
concerning document should be mailed: Name: Lucy C. Weiss	<u>-</u> -		
concerning document should be mailed: Name: Lucy C. Weiss Office of Intellectual Property Counsel	<u>-</u> -		
concerning document should be mailed: Name: Lucy C. Weiss Office of Intellectual Property Counsel 3M Innovative Properties Company			
concerning document should be mailed: Name: Lucy C. Weiss Office of Intellectual Property Counsel	and patents involved:		
concerning document should be mailed:  Name: Lucy C. Weiss  Office of Intellectual Property Counsel  3M Innovative Properties Company P.O. Box 33427	and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00		
concerning document should be mailed: Name: Lucy C. Weiss Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427	7. Total fee (37 CFR 3.41): \$40.00		
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concerning document should be mailed: Name: Lucy C. Weiss Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Phone Number: 651-733-1189	and patents involved:  7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account		
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Concerning document should be mailed:  Name: Lucy C. Weiss Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Phone Number: 651-733-1189  32692  PATENT TRADEMARK OFFICE	and patents involved:  7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☒ Authorized to be charged to deposit account  8. Deposit Account Number: 13-3723		
Concerning document should be mailed:  Name: Lucy C. Weiss Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Phone Number: 651-733-1189  32692  PATENT TRADEMARK OFFICE	and patents involved:  7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account		
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Concerning document should be mailed:  Name: Lucy C. Weiss Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Phone Number: 651-733-1189  32692  PATENT TRADEMARK OFFICE  DO NOT U  9. Statement and Signature To the best of my knowledge and belief, the foregoing informoriginal document. Charges to deposit account are authorized Printed Name of Attorney/Agent: Lucy C. Weiss Registration No.: 32,834  Signature	and patents involved:  7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☑ Authorized to be charged to deposit account  8. Deposit Account Number: 13-3723  SE THIS SPACE  Ition is true and correct and any attached copy is a true copy of the as indicated herein.  December 10, 2002 Date		
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Commissioner for Patents, Box Assignments, Washington, DC 20231

CPI 100 Assign Record Cover - New Appln (3/06/02)

PCT/US01/19038 12/24/2002 LMUELLER 00000141 133723

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> PATENT **REEL: 013597 FRAME: 0301**

## ASSIGNMENT

Whereas We, the below named inventors, with residences and citizenships as indicated below; have made an invention in

## MICROFABRICATION OF ORGANIC OPTICAL ELEMENTS

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified as PCT International Patent Application Serial No. PCT/US01/19038 filed June 14, 2001, bearing Attorney Docket Number 55638WO003;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I 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 by 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 had this assignment and transfer not been made.

I do further agree for myself and for my 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 lawfully may, that may be deemed necessary by the 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 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 the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I have hereunto signed my name on the day and year set forth below.

Robert J. DeVoe

Residence: Oakdale, Minnesota U.S.A. Citizenship: United States of America

Hylis 41. Foolke

STATE OF MINNESOTA )

) ss.

COUNTY OF RAMSEY

On this day of d

HYLIS H. FROELKE
NOTABERUBLIC - MINNESOTA
My Comm. Expires Jan. 31, 2005

**Notary Public** 

pn-s/061198

	Of All Held
	Catherine A. Leatherdale
	Residence: St. Paul, Minnesota U.S.A.
STATE OF MINNESOTA )	Citizenship: United States of America
) ss. COUNTY OF RAMSEY )	
On this 5 <sup>th</sup> da	y of December, 2002 before me personally
appeared the above-named Catherine	A. Leatherdale, personally known by me, and known by me to be the
	ed the foregoing instrument, and who acknowledged that said person be act and deed, on the day and year aforesaid.
LYDIA M. CAHILL	Sydeam Cahell
(Seiglary Public Minnesota ty Commission Expires Jan. 31, 2006	Notary Public
ly Commission Expression.	Notary Fublic
	. 1 111
	\\/\/\a_
	Guoping Mao
	Residence: Woodbury, Minnesota U.S.A.
STATE OF MINNESOTA )	Citizenship: United States of America
) SS.	
COUNTY OF RAMSEY	
On this day	y of 1200 MAOY WA hefore me personally
appeared the above-named Guoping	y of December 2005, before me personally Mao, personally known by me, and known by me to be the person
appeared the above-named Guoping described in and who executed the fo	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed
appeared the above-named Guoping	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed
appeared the above-named Guoping described in and who executed the for the same as said person's free act and	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed
appeared the above-named Guoping described in and who executed the for the same as said person's free act and	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.
appeared the above-named Guoping described in and who executed the for the same as said person's free act and	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed
appeared the above-named Guoping described in and who executed the for the same as said person's free act and	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.  Notary Public
appeared the above-named Guoping described in and who executed the for the same as said person's free act and	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.  Notary Public
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appeared the above-named Guoping described in and who executed the for the same as said person's free act and	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.  Notary Public
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appeared the above-named Guoping described in and who executed the for the same as said person's free act and HYLIS.H.ERCELLE TOTARY PUBLIC MINISTER STATE OF MINNESOTA )  STATE OF MINNESOTA )  ) ss.	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.  Notary Public  Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A.
appeared the above-named Guoping described in and who executed the for the same as said person's free act and HYLIS.H.E.O.E.U.E. MARKET THE STATE OF MINNESOTA )  STATE OF MINNESOTA )  SS. COUNTY OF RAMSEY	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.  **Patrick R. Fleming** Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America
appeared the above-named Guoping described in and who executed the for the same as said person's free act and HYLIS.H.ERCEUE TOTARY PUBLIC MINISTER STATE OF MINNESOTA )  STATE OF MINNESOTA )  Ss.  COUNTY OF RAMSEY  On this	Mao, personally known by me, and known by me to be the person bregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.   **Machine And Who acknowledged that said person executed deed, on the day and year aforesaid.  **Machine And Who acknowledged that said person executed deed, on the day and year aforesaid.  **Notary Public**  **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America**  **Year of December 1.2002 before me personally the day of December 1.2002 befor
appeared the above-named Guoping described in and who executed the for the same as said person's free act and HYLIS.H.EROELE TOTALY PUBLISHED	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.   **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America  **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America  **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America
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appeared the above-named Guoping described in and who executed the for the same as said person's free act and HYLIS HEROELE (TOTARY PUBLISHED)  STATE OF MINNESOTA  ) ss.  COUNTY OF RAMSEY  On this	Mao, personally known by me, and known by me to be the person oregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.   **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America  **Y of **December**, 2002** before me personally regoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.
appeared the above-named Guoping described in and who executed the for the same as said person's free act and HYLIS.H.EROELE TOTALY PUBLISHED	Mao, personally known by me, and known by me to be the person pregoing instrument, and who acknowledged that said person executed deed, on the day and year aforesaid.   **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America  **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America  **Patrick R. Fleming Residence: Lake Elmo, Minnesota U.S.A. Citizenship: United States of America

Notary Public

Harvey W. Kalweit

Residence: Burnsville, Minnesota U.S.A. Citizenship: United States of America

STATE OF MINNESOTA )

COUNTY OF RAMSEY

On this day of <u>Succession</u> before me personally appeared the above-named Harvey W. Kalweit, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

LYDIA M. CAHILL
(State) Public
Minnesota
My Commission Expires Jan. 31, 2006

Page 3

PATENT REEL: 013597 FRAME: 0304