Fo: The Director of the U.S. Patent an	09-14-2004 102834826	Case No.: 60085US002		
Please record the attached document(s) of the second th	Execution Date(s):	2. Name and address of receiving party(ies):		
Emslander, Jeffrey O. Wood, Kenneth B. Acito, Paul L.	September 2, 2004 September 2, 2004 September 2, 2004	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427		
Additional name(s) of conveying party(ies) a ☐ Yes  ☑ No	ttached?	Additional name(s) of receiving party(ies) attached?  ☐ Yes ☒ No		
	rger nge of Name			
4. Application or patent number(s)		nt is being filed together with a new application.		
A. Patent Application No(s).	B. I	Patent No(s).  ☐ Yes ☐ No		
i. Name and address to whom correspo concerning document should be maile	ndence 6. Tota	Il number of applications patents involved:		
Name: Colene H. Blank Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: (651) 737-2356 Fax Number: 651-736-3833  32692 Customer Number		7. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Payment Information: Deposit Account Number: 3723 Authorized User Name: Colene H. Blank		
	Colene	H. Blank		
9. Signature: Printed Name of Attorney/Agent: William D. Miller	Will Mu	2- Sp-7004		

PATENT REEL: 015769 FRAME: 0416

Case No.: 60085US002

## **ASSIGNMENT OF APPLICATION**

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

	SUBSTRATES WITH MULTIPLE IMAGES AND METHODS OF USE
3	for which an application for a United States Patent is being filed contemporaneously herewith;
Ī	for which an application for a United States Patent identified as U.S. Patent Application No.; was filed on;
Ī	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:				
Jeffrey O.	EMSLANDER				
Jenrey O.	EMOLANDER				
Inventor's Signature:	Date:				
1. 01 0	912104				
Jy O.a	110101				
Residence:	Country:	Citizenship:			
Afton, Minnesota	USA	United States of America			
Alton, wiimosota	007	Office States of Afficia			
OTATE OF MININEGOTA					
STATE OF MINNESOTA )					
) ss.					
COUNTY OF RAMSEY					
Sent	DAN				
On this and day of September, and before me personally appeared the above-name					
Jeffrey O. EMSLANDER, and who executed the foregoing instrument, as said person's free act and deed, on the day and					
year aforesaid.	A sala parasira na	and and acce, on the day and			
year aloresald.		· 0			
	XIOCAL ALLEY	VIK			
(Seal)	DI WINNOW	11. 1 xivile			
2	Notary Public				
SHANNON M. BRUCE \$	Trotally Labilo				
NOTARY PUBLIC MINNESOTA					
My Comm. Expires Jan. 31 2005					
<b>*************************************</b>					

Assignment Page 1 of 2 Case No.: 60085US002

Given Name (first and middle [if any]):	Family Name or Surname:	
Kenneth B.	WOOD	
/		
Inventor's Signature:	Date:	
Mr B Way	9/2/64	
Residence:	Country: /	Citizenship:
Minneapolis, Minnesota	USA	United States of America
STATE OF MINNESOTA )	<u> </u>	
) ss.		
COUNTY OF RAMSEY ) / L	2001	
On this And day of System Men		lly appeared the above-named
Kenneth B. WOOD, and who executed the foregoing instrume	nt, as said person's free act ar	nd deed, on the day and year
aforesaid.	0	1 0
(Seal)	SOCMMON TI	1. Fruco
SHANNON M. BRUCE \$	Notary Public	1120000
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My Comm. Expires Jan. 31 2005		
		4 104 1117 2 400 EIGH 108 10 10 2001 2001 10 10 0000 10 1 10 1
Given Name (first and middle [if any]):	Family Name or Surname:	
	Family Name or Surname:	
Given Name (first and middle [if any]): Paul L.	ACITO	
Given Name (first and middle [if any]):	ACITO Date:	
Given Name (first and middle [if any]): Paul L. Inventor's Signature:	Date:	
Given Name (first and middle [if any]): Paul L. Inventor's Signature: Residence:	Date:  9-2-04  Country:	Citizenship:
Given Name (first and middle [if any]): Paul L. Inventor's Signature:	Date:	Citizenship: United States of America
Given Name (first and middle [if any]): Paul L. Inventor's Signature: Residence: St. Paul, Minnesota	Date:  9-2-04  Country:	,
Given Name (first and middle [if any]): Paul L. Inventor's Signature: Residence: St. Paul, Minnesota STATE OF MINNESOTA	Date:  9-2-04  Country:	,
Given Name (first and middle [if any]): Paul L. Inventor's Signature: Residence: St. Paul, Minnesota	Date:  9-2-04  Country:	,
Given Name (first and middle [if any]): Paul L.  Inventor's Signature:  Residence: St. Paul, Minnesota  STATE OF MINNESOTA ) ss. COUNTY OF RAMSEY )	Date:  Gountry: USA	United States of America
Given Name (first and middle [if any]): Paul L.  Inventor's Signature:  Residence: St. Paul, Minnesota  STATE OF MINNESOTA  ) ss.  COUNTY OF RAMSEY  On this 2nd day of Suptember	ACITO  Date:  9-2-04  Country: USA	United States of America
Given Name (first and middle [if any]): Paul L.  Inventor's Signature:  Residence: St. Paul, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY ) On this And day of Suptembro Paul L. ACITO, and who executed the foregoing instrument, as	ACITO  Date:  9-2-04  Country: USA	United States of America
Given Name (first and middle [if any]): Paul L.  Inventor's Signature:  Residence: St. Paul, Minnesota  STATE OF MINNESOTA  ) ss.  COUNTY OF RAMSEY  On this 2nd day of Suptember	Country: USA  Country: USA  Date:  Country: USA	United States of America  Ily appeared the above-named ed, on the day and year
Given Name (first and middle [if any]): Paul L.  Inventor's Signature:  Residence: St. Paul, Minnesota  STATE OF MINNESOTA  Sss.  COUNTY OF RAMSEY  On this And day of Suptembre  Paul L. ACITO, and who executed the foregoing instrument, as aforesaid.  (Seal)  SHANNON M. BRUCE	Date:  Gountry: USA  204, before me personals said person's free act and de	United States of America  Ily appeared the above-named ed, on the day and year
Given Name (first and middle [if any]): Paul L.  Inventor's Signature:  Residence: St. Paul, Minnesota  STATE OF MINNESOTA  Sss.  COUNTY OF RAMSEY  On this And day of Suptembre  Paul L. ACITO, and who executed the foregoing instrument, as aforesaid.  (Seal)  SHANNON M. BRUCE	Country: USA  Country: USA  Date:  Country: USA	United States of America  Ily appeared the above-named ed, on the day and year
Given Name (first and middle [if any]): Paul L.  Inventor's Signature:  Residence: St. Paul, Minnesota  STATE OF MINNESOTA  Sss.  COUNTY OF RAMSEY  On this And day of Suptembro  Paul L. ACITO, and who executed the foregoing instrument, as aforesaid.  (Seal)  SHANNON M. BRUCE	Date:  Gountry: USA  204, before me personals said person's free act and de	United States of America  Ily appeared the above-named ed, on the day and year

Assignment

**RECORDED: 09/02/2004** 

Case No.: 60085US002

**PATENT REEL: 015769 FRAME: 0418**