NTS ON: : :ss(es) belo (s):	
ss(es) belo	2. Name and address of receiving party(ies): 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(ies) attached?
(5) :	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(ies) attached?
	P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(ies) attached?
1 11673	L) tes 🖾 No
ı	t is being filed together with a new application.
B. P	atent No(s).
\ \ttached?	☐ Yes ☐ No
	number of applications attents involved:
7. Total	fee (37 CFR §§ 1.21(h) & 3.41); \$40.00 Enclosed
	Authorized to be charged to deposit account
Depor	ent Information: sit Account Number: 13-3723 prized User Name: Jay R. Praile
Δ.	B. P Attached? [6. Total and p 7. Total S 8. Payme Depos

Pages: Total number of pages including OVER SHEET, attachments, and documents Documents to be recorded (inbluding cover sheet) should be faxed to (703) 308-5895, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

Case No.: 58483US002

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with reinvention in	esidence and citizenship as	indicated below, have made an
COLOR SHIFTING RETROREFLED	TOR AND METHOD OF MAKI	NG SAME
 ☐ for which an application for a United States Patent is ☐ for which an application for a United States Patent is on December 28, 2004; ☐ which application is identified as PCT International F 	dentified as U.S. Patent Appli	ication No. 11/024,201; was filed
Now, therefore, for good and valuable considera assign and transfer and do hereby assign and trans wholly-owned subsidiary of 3M COMPANY, and a con Minnesota, its successors and assigns, the entire right and in and to any division or continuation (in whole improvements in the said invention made by me or maduring, or within one year after the termination of, my esubsidiaries), and in and to any and all Letters Patent, States of America and countries foreign thereto (inclinventors' Certificates in foreign countries in its own nate which such applications are entitled under internationally be granted thereon or on any divisional, continuated the or further application based in whole or in part up enjoyed as fully and exclusively as they would have been liked to further agree for myself/ourselves and fold deliver without further consideration any further applicated acts as I/we lawfully may, that may be deemed necess fully to secure its right, title, and interest as aforesaid Inventors' Certificates in any and all countries; and I/We do hereby authorize and request the Commissional functions. In witness whereof, I/we have signed my/our name in witness whereof, I/we have signed my/our name.	sfer unto the 3M INNOVAT poration of Delaware, having title, and interest in and to be or in part) of said applicate jointly with others (provide pointly and to apply for me and to claim any priority onal conventions, treaties, cation (in whole or in part), respectively to the said invention or impension the said invention or impensions, assignments, and doctors, assignments, and doctors by said Company, its substant to obtain or maintain sloner of Patents to issue and 3M Innovative Properties (s) on the day and year set for the said inventors and the said inventors are said and to obtain or maintain sloner of Patents to issue and the said inventors and the said and year set for the said inventors are said inventors.	TIVE PROPERTIES COMPANY, ag its principal office at Saint Paut the said invention and application ration, and in and to any and a led any such improvement is mad NY and any of its existing or futuror extensions thereof, of the Uniter Letters Patent, Utility Models, or rights for such foreign application or otherwise), which have been denewal, reexamination, reissue, or otherwise), which have been denewal, reexamination, reissue, or otherwise), which have been denewal, reexamination, reissue, or otherwise), and the said administrators, to execute and administrators, to execute and administrators, and nominees a Letters Patent, Utility Models, or and all Letters Patent which ma Company, as the assignee of the
Given Name (first and middle [if any]): Robert J.	Family Name or Surname: FLEMING	Library and the state of the st
Inventor's Signature:	Date:	
Tobe of the	9/11/05	
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)		
) ss. COUNTY OF RAMSEY) .	,	
On this 13th day of Rivil	2005 before me perso	onally appeared the above-named
Robert J. FLEMING, and who executed the foregoing instr	rument, as said person's free ac	et and deed, on the day and year

aforesaid.

(Seal)

GWEN J ZIEHL Notary Public Minnesota

Given Name (first and middle [if any]):	Family Name or Sur	name:
Christopher S.	LYONS	
Inventore Signature:	Date:	The latest state of the latest states and the latest states are the latest states and the latest states are the latest states and the latest states are th
Mustona 1 Then	4-8-0	<
Residence:	7-80	
St. Paul, Minnesota	Country: USA	Citizenship:
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STATE OF MINNESOTA)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
) 59. COUNTY OF RAMSEY)		
	سمدس بالايس الايس المستنف	
On this 8th day of Operal	, 7005 , before m	e personally appeared the above-named
Christopher S. LYONS, and who executed the forego year aforesaid.	ling instrument, as said perso	on's free act and deed, on the day and
	11	
(Seal) GWEN J ZIEHL Notary Public	Khuen J	- refe
Minnesota	Notary Public	
My Commission Expires January 31, 2010		
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		The state of the s
Given Name (first and middle [if any]):	Family Name or Surr	iame:
Joseph M.	McGrath	
Inventor's Signature:	Date: 0	
Joseph m & h		Z J_,, _
Residence:	3	4-13-05
Lake Elmo, Minnesota	Country: USA	Citizenship:
- 1 100	USA	United States of America
STATE OF MINNESOTA)		
) ss. COUNTY OF RAMSEY)		
On this 13 th day of Control	, <u>300'5</u> , before me	personally appeared the above-named
Joseph M. McGrath, and who executed the foregoing aforesald.	instrument, as said person's	free act and deed, on the day and year
CMEN LZIEHI		0 0 2 2
(Seal) Notary Public	<u> </u>	I sekl
Minnesote My Commission Expires January 31, 2010	Notary Public	
My Commission Expressionally 51, 2010	U	, =
Given Name (first and middle (if any)):	Family Name or Surn	ama:
Jesus	Ramos	
Inventor's Signature:	Date:	1 1000.
•	Date.	
	į	
Residence:	Country;	Cltizenship:
Tucson, Arizona	USA	United States of America
Witness	Witness	7 70716

PATENT REEL: 016531 FRAME: 0699s005

Given Name (first and middle [if any]): Mark A.	Family Name or Sur ROEHRIG	name:
Inventor's Signature:	Date:	·
Residence: Stillwater, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) SS. COUNTY OF RAMSEY) On this Sth day of County Mark A. ROEHRIG, and who executed the forego aforesaid. (Seal) GWEN J ZIEHL Notary Public Minnesota My Commission Expires January 31, 2010	oing instrument, as said person's	ne personally appeared the above-named free act and deed, on the day and year
Given Name (first and middle [if any]): Clark I,	Family Name or Surr Bright	name;
Inventor's Signature:	Date:	774-1-1
Residence: Tucson, Arizona	Country: USA	Citizenship: United States of America
Witness	Witness	

06/11 NO:60

PAGE 04

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3M TUCSON

Case No.: 58483US002

ASSIGNMENT OF APPLICATION

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

COLOR SHIFTING RETROREFLECTOR AND METHOD OF MAKING SAME

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. 11/024,201; was filed on December 28, 2004;

which application is identified as PCT International Patent Application No. filed;

Now, therefore, for good and valuable consideration, receipt of which is acknown.

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 by 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, relessues, 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)): Robert J.	Family Name or Sum FLEMING	4(ne;
nventor's Signature:	Date:	
Residence St. Paul, Minnesota	Country: USA	Cilizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this day of Robert J. FLEMING, and who executed the for foresaid.	egoing instrument, as said person's f	

Given Name (first and middle (if any)). Christopher S.	Family Name or Surname:
	LYONS

A galentered D

PATENT No - SHARTHSONE

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PAGE 05

St. Paul, Minnesota STATE OF MINNESOTA Ss. COUNTY OF RAMSEY Contristopher S. LYONS, and who executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free act and deed, on the day and executed the foregoing instrument, as said person's free a	inventor's Signature:	Date:	
St. Paul, Minnesota STATE OF MINNESOTA Ss. COUNTY OF RAMSEY Con this day of before me personally appeared the above-named Christopher S. LYONS, and who executed the foregoing instrument, as said person's free act and deed, on the day and voar aforesaid Given Name (first and middle (if any)) Joseph M.	Residence:	Country:	Citizanship
COUNTY OF RAMSEY Country of RAMSEY Notary Public Family Name or Survame: McGrath Date: Residence. Lake Elmo, Minnesota STATE OF MINNESOTA SS. COUNTY OF RAMSEY On this day of before the personally appeared the above-named to a series of Americal country. USA Country of RAMSEY On this day of before the personally appeared the above-named	St. Paul, Minnesota	l ,	
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Christopher S. LYONS, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid (Seal) Notary Public Given Name (first and middle (if any)) Joseph M. Inventor's Signature: Residence Lake Elmo, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On thisday of			
(Seal) Notary Public Given Name (first and middle (if anyl)): Joseph M. Joseph M. Inventor's Signature: Residence. Lake Elmo, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY Notary Public Family Name or Surname: McGrath McGrath Date: Country: USA United States of America	r · · · · · · · · · · · · · · · · · · ·		
(Seal) Notary Public Given Name (first and middle (if any)): Joseph M. Invanior's Signature: Residence: Lake Elmo, Minnesota STATE OF MINNESOTA) SS. COUNTY OF RAMSEY On thisday of	On this day of	, before me	personally appeared the above-named
(Seal) Notary Public Given Name (first and middle (if any)): Joseph M. Invanior's Signature: Residence: Lake Elmo, Minnesota STATE OF MINNESOTA) SS. COUNTY OF RAMSEY On thisday of	Christopher S. LYONS, and who execute	ed the foregoing instrument, as said person	's free act and deed, on the day and
Given Name (first and middle (if any)) Joseph M. Joseph M. Invanior's Signature: Residence Lake Elmo, Minnesota STATE OF MINNESOTA) State On thisday of	yo ar afo resaid		· · · · · · · · · · · · · · · · · · ·
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Invanior's Signature: Residence Lake Elmo, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY) On thisday of	Given Name (first and middle (if anyl))		
Lake Elmo, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY) On this day of before the personally appeared the above parent		Family Name or Suma	7.
Lake Elmo, Minnesota STATE OF MINNESOTA) ss. COUNTY OF RAMSEY) On this day of before the personally appeared the above parent	Joseph M.	Family Name or Suma McGrath	ine:
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this day of, before the personally appeared the above parent	Joseph M. Invaniors Signature:	Family Name or Suma McGrath Date:	me:
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this day of before the personally appeared the above named	Joseph M. Invaniors Signature: Residence	Family Name or Suma McGrath Date: Country:	Citizenehip:
COUNTY OF RAMSEY) On this day of , before one personally appeared the above-named	Joseph M. Invaniors Signature: Residence Lake Elmo, Minnesota	Family Name or Suma McGrath Date: Country:	
On this day of before one personally appeared the above-named	Joseph M. Inventor's Signature: Residence. Lake Elmo, Minnesota STATE OF MINNESOTA)	Family Name or Suma McGrath Date: Country:	Citizenehip:
On this day of, before me personally appeared the above-named	Joseph M. Invaniors Signature: Residence Lake Elmo, Minnesota STATE OF MINNESOTA)) ss.	Family Name or Suma McGrath Date: Country:	Citizenehip:
	Joseph M. Invanior's Signature: Residence Lake Elmo, Minnesota STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)	Family Name or Suma McGrath Date: Country: USA	Chuzenship: United States of America

Given Name (first and middle (if any)): Jesus	Family Name or Sum Ramos	ame:
Inventors Signature: Letter Roberto Rome. Sessidence:	Date: 4/-13-	-05
Sesidence Tucson, Arizona	Country: USA	Citizenship: United States of America
William Bught	Cau O	Edwards

Notary Public

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aforesaid.

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Pare # At 3

PATENT No. 58483115009 REEL: 016531 FRAME: 0702

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PAGE 06

Given Name (first and middle [if any]): Family Name or Surname: Mark A. ROÉHRIG inventor's Signature: Date: Residence. Country: Citizenship: Stillwater, Minnesota USA United States of America STATE OF MINNESOTA) 63. COUNTY OF RAMSEY ಚoresaid. (Seal) Notary Public

Given Name (first and middle (if any)): Clark I.	Family Name or Surnan Bright	ne:
inventor's Signature:	Date;	
Residence: Tucson, Arizona	Country: USA	Citizenenip: United States of America

Assimment

PATENT NO. SEASONS **REEL: 016531 FRAME: 0703**

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PAGE 11

3M TUCSON

Case No.: 58483US002

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in
COLOR SHIFTING RETROREFLECTOR AND METHOD OF MAKING SAME
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. 11/024,201; was filed on December 28, 2004; 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 assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTY.

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, relasues, 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]): Robert J.	Family Name or Surname: FLEMING	
Inventor's Signature:	Date:	
Residence: St. Faul, Minnesota		Citizenship: United States of America
STATE OF MINNESOTA)	A towns of the state of the sta	Office States of America
On this day of	oregoing instrument, as said person's free act and	appeared the above-named
aforesaid.	a salu person a free act and	deed, on the day and year
oforesaid. Seal)	Notary Public	deed, on the day and year

Assignment

PATENT No.: 58483US005

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3M TUCSON

Given Name (first and middle (if any)): Family Name or Sumame: Christopher S. LYONS Inventor's Signature: Date: Residence: Country: St. Paul, Minnesota Citizenahip: USA United States of America STATE OF MINNESOTA) ss. COUNTY OF RAMSEY day of ___ Christopher S. LYONS, and who executed the foregoing instrument, as said person's free act and deed, on the day and , before me personally appeared the above-named (Seal) Notary Public Given Name (first and middle (if any)): Family Name or Sumame: Joseph M. McGrath loventor's Signature: Date: Residence: Country: Lake Elmo, Minnesota Citizenship: USA United States of America STATE OF MINNESOTA) \$5. COUNTY OF RAMSEY On this _day of _ , before me personally appeared the above-named Joseph M. McGrath, and who executed the foregoing instrument, as sald person's free act and deed, on the day and year (Seal) Notary Public Given Name (first and middle [if any]): Family Name or Surname: Ramos Inventor's Signature: Date: Residence: Country: Tucson, Arizona Citizenship: USA United States of America Witness Wilmags

PATENET No.: 58483U\$005

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Tucson, Arizona

United States of America

3M TUCSON

Given Name (first and middle [if any]): Mark A.	Pamily Name or Sun ROEHRIG	iamė:
Inventor's Signature:	Date:	
Residencs Stillwater, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) SS. COUNTY OF RAMSEY) On this day of Wark A. ROEHRIG, and who everyed the formula	, before me	personally appeared the above-name
	ng instrument, as said parson's fi	ee act and deed, on the day and year
	ng instrument, as said person's fr Notary Public	ee act and deed, on the day and year
Mark A. ROEHRIG, and who executed the foregoin foresald. Seal)	5 made man, as said person a in	ee act and deed, on the day and year
Seal) Svon Name (first and middle (if anyl): Zark I.	5 made man, as said person a in	ee act and deed, on the day and year
Seal) iven Name (first and middle lif anyl):	Notary Public Family Name or Suma	ee act and deed, on the day and year

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Assignment

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Page 3 of 3

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