03-20-2007

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Case No.: 55081US002, 55081US008, 55081US009

COVER SHEET OFFICE OF PUBLIC

| 1033848                                                                                                                                                                               | 2017 MG 16 PM 3: UU                                          |                                                                                               |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--|--|--|
| To: The Director of the U.S. Patent and Trademark                                                                                                                                     | -wave crettes                                                |                                                                                               |  |  |  |
| Please record the attached document(s) or the new address(es) below.                                                                                                                  |                                                              |                                                                                               |  |  |  |
| 1. Name of conveying party(ies) <u>Executio</u>                                                                                                                                       | n Date(s):                                                   | 2. Name and address of receiving party(ies):                                                  |  |  |  |
| Cobb, Sanford Januar<br>Epstein, Kenneth A. Januar                                                                                                                                    | ber 22, 1999<br>y 3, 2000<br>y 3, 2000<br>y 3, 2000          | 3M Innovative Properties Company<br>P.O. Box 33427<br>St. Paul, Minnesota 55133-3427          |  |  |  |
| Additional name(s) of conveying party(ies) attached?  ☐ Yes ☒ No                                                                                                                      | Additional name(s) of receiving party(ies) attached?  Yes No |                                                                                               |  |  |  |
| 3. Nature of conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Nar ☐ Joint Research Agreement ☐ Government In ☐ Other:                                              |                                                              |                                                                                               |  |  |  |
| 4. Application or patent number(s)   This document is being filed together with a new application.                                                                                    |                                                              |                                                                                               |  |  |  |
| A. Patent Application No(s).                                                                                                                                                          | B. Pa                                                        | atent No(s).                                                                                  |  |  |  |
|                                                                                                                                                                                       | 707,611; 6,560,026; 6,356,391                                |                                                                                               |  |  |  |
| Additional Numbers Attached? ☐ Yes ☒ No                                                                                                                                               |                                                              |                                                                                               |  |  |  |
| Name and address to whom correspondence concerning document should be mailed:                                                                                                         |                                                              | 6. Total number of applications and patents involved:                                         |  |  |  |
| Name: Stephen W. Buckingham Office of Intellectual Property Counsel 3M Innovative Properties Company                                                                                  |                                                              |                                                                                               |  |  |  |
| Phone Number: 651-733-3379 Fax Number: 651-736-3833  32692                                                                                                                            |                                                              | fee (37 CFR §§ 1.21(h) & 3.41): \$120.00 Enclosed Authorized to be charged to deposit account |  |  |  |
| Customer Number                                                                                                                                                                       | 8. Payme                                                     | 8. Payment Information:                                                                       |  |  |  |
|                                                                                                                                                                                       |                                                              | sit Account Number: 13-3723                                                                   |  |  |  |
|                                                                                                                                                                                       | Autho                                                        | rized User Name: Stephen W. Bucking සි කසු                                                    |  |  |  |
| 9. Signature:                                                                                                                                                                         | 2 11/2                                                       | 7                                                                                             |  |  |  |
| Printed Name of Attorney/Agent: Stephen W. Buckingham Registration No : 30 035                                                                                                        | The                                                          | 3/13/2007 E 51                                                                                |  |  |  |
| Registration No.: 30,035 Signature Date Date Pages: Total number of pages including COVER SHEET, attachments, and documents Security Should be fixed to (574) 273 0440, or mailed to: |                                                              |                                                                                               |  |  |  |
| 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

## ASSIGNMENT

Atty. Docket No: 28724/35320

Serial No:

09/415,873

Filed:

October 8, 1999

Title:

OPTICAL FILM WITH VARIABLE ANGLE PRISMS

For ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to 3M Innovative Properties Company, a Delaware corporation, 3M Center, St. Paul, Minnesota 55133 (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on <a href="December 22">December 22</a>, 1999 & January 3, 2000 , and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

PATENT REEL: 019047 FRAME: 0957

| WITNESS our hands this And day of Decomb                                                                                                                    | , Nineteen Hundred and Ninety-Nine.                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| State of Country of Section   Sss.                                                                                                                          | Mark E. Gardiner                                                                                      |
| On this And day of Combo, 1999, ber                                                                                                                         | Fore me, a Notary Public in and for the County and State                                              |
| aforesaid, appeared Mark E. Gardiner, to me personally known to                                                                                             | be the same persons whose names are subscribed to the                                                 |
| foregoing instrument, and acknowledged that they executed said instr                                                                                        | ument as their free and voluntary act and for the uses and                                            |
| purposes therein expressed.                                                                                                                                 |                                                                                                       |
| WITNESS my hand and seal the same day and year last a                                                                                                       | pove given.                                                                                           |
| My Commission Expires:  OFFICIAL SEAL - 1143432  MICHELLE D. THOMAS Z  NOTARY PUBLIC - CALIF D  COUNTY OF SONOMA  My Comm. Exp. June 24, 2001               | Notary Public                                                                                         |
| WITNESS our hands this day of                                                                                                                               | , Nineteen Hundred and Ninety-Nine.                                                                   |
| State of                                                                                                                                                    | Sanford Cobb                                                                                          |
| ,                                                                                                                                                           | Kenneth A. Epstein                                                                                    |
|                                                                                                                                                             |                                                                                                       |
|                                                                                                                                                             | Wade D. Kretman                                                                                       |
| On this day of, 1999, before aforesaid, appeared Sanford Cobb, Kenneth A. Epstein, and Wade persons whose names are subscribed to the foregoing instrument, | D. Kretman, to me personally known to be the same and acknowledged that they executed said instrument |
| as their free and voluntary act and for the uses and purposes therein                                                                                       | -                                                                                                     |
| WITNESS my hand and seal the same day and year last al                                                                                                      | oove given.                                                                                           |
| My Commission Expires:                                                                                                                                      |                                                                                                       |
|                                                                                                                                                             | Notary Public                                                                                         |

**RECORDED: 03/16/2007** 

| WITNESS our hands this                                                                                                      | day of                                                                      | , Nineteen Hundred and Ninety-Nine.                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| State of                                                                                                                    | s.                                                                          | Mark E. Gardiner                                                                                                                                                                                          |
| aforesaid, appeared Mark E. Gardiner,                                                                                       | to me personally know                                                       | , before me, a Notary Public in and for the County and State wn to be the same persons whose names are subscribed to the instrument as their free and voluntary act and for the uses and ast above given. |
| My Commission Expires:                                                                                                      |                                                                             | Notary Public                                                                                                                                                                                             |
| State of Monnesota  County of Waskington  Cindy A EGGER  NOTARY FUBLIC - MINNESO  WASHINGTON COUN  MY COMM. EXPIRES 1-31-20 | s.                                                                          | Two Thaw and Ninety Nine.  Nineteen Hundred and Ninety Nine.  Sanford Cobb  Lemeth 9. Final Kenneth A. Epstein  Wade D. Kretman                                                                           |
| aforesaid, appeared Sanford Cobb, Ken                                                                                       | neth A Epstein, and V<br>the foregoing instrum-<br>ne uses and purposes the | _                                                                                                                                                                                                         |
| My Commission Expires:                                                                                                      | - 2000                                                                      | Notary Public                                                                                                                                                                                             |

PATENT REEL: 019047 FRAME: 0959