

Case No.: 58806US002

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To: The Honorable Commissioner of Patents and Trademarks
Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)/(Execution Date)

Conner, Arlie R. April 19, 2004
Kingsley, Gary B. April 19, 2004

Additional names of conveying party(ies) attached?
 Yes No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

2. Name and address of receiving party(ies):

3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

Additional names of receiving party(ies) attached?
 Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is :

A. Patent Application No(s).
10/744997

B. Patent No(s).

Additional Numbers Attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bruce E. Black
Office of Intellectual Property Counsel
3M Innovative Properties Company
Phone Number: (651) 736-3366

32692

Customer Number

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR § 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account Number: 13-3723

DO NOT USE THIS SPACE

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Printed Name of Attorney/Agent:
Bruce E. Black
Registration No.: 41,622

B. E. Black
Signature

April 23, 2004
Date

Pages: Total number of pages including COVER SHEET, attachments and documents

3

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

CH \$40.00 133723 10744997

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ASSIGNMENT OF APPLICATION

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

Pixel-Shifting Projection Lens Assembly to Provide Optical Interlacing for Increased Addressability

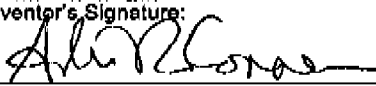
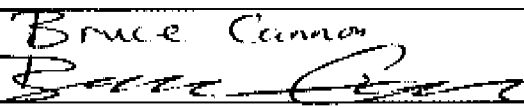
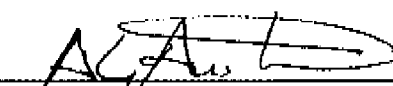
- for which an application for a United States Patent is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No.10/744997; was filed on December 23, 2003;
- which application is identified as PCT International Patent Application No. filed ;

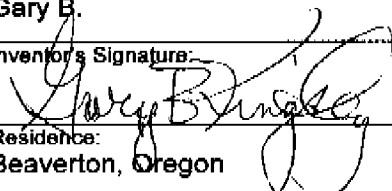
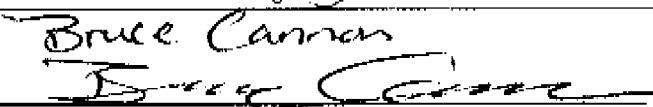
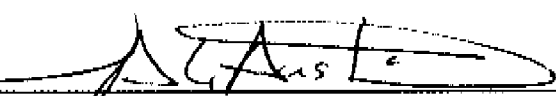
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office 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 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/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)): Arlie R.	Family Name or Surname: Conner	
Inventor's Signature: 	Date: Apr 19 2004	
Residence: Portland, Oregon	Country: USA	Citizenship: United States of America
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 40%; text-align: center;">  Bruce Conner Witness </div> <div style="width: 40%; text-align: center;">  Arlie R. Conner Witness </div> </div>		

Given Name (first and middle (if any)): Gary B.		Family Name or Surname: Kingsley	
Inventor's Signature: 		Date: April 19, 2004	
Residence: Beaverton, Oregon		Country: USA	Citizenship: United States of America
Witness:  Bruce Cannon		Witness:  J. Aust	