

Case No.: 59611US002

**RECORDATION FORM COVER SHEET  
PATENTS ONLY****To: The Director of the U.S. Patent and Trademark Office:**

Please record the attached document(s) or the new address(es) below.

**1. Name of conveying party(ies)**      Execution Date(s):3M ESPE AG  
Espe Platz  
D-82229 Seefeld, Germany

January 26, 2006

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No**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?

☐ Yes ☒ No**3. Nature of conveyance:**☒ Assignment☐ Security Agreement☐ Other:☐ Merger☐ Change of Name**4. Application or patent number(s)**☐ This document is being filed together with a new application.**A. Patent Application No(s).**

10/847803

**B. Patent No(s).**Additional Numbers Attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Sean J. Edman  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Phone Number: 651-575-1796  
Fax Number: 651-736-3833**32692**

Customer Number

**6. Total number of applications and patents involved:****1****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: 13-3723

Authorized User Name: Sean J. Edman

**9. Signature:**

Printed Name of Attorney/Agent:

Sean J. Edman

Registration No.: 42,506

Signature

January 30, 2006

Date

**Pages:** Total number of pages including COVER SHEET, attachments, and documents**2**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

CH \$40.00 133723 10847803

**PATENT****700240356****REEL: 017219 FRAME: 0490**

# ASSIGNMENT

WHEREAS, 3M ESPE AG is a corporation organized and existing under the laws of Germany, having its principal place of business at Espe Platz, 82229 Seefeld, Germany ("3M ESPE");

WHEREAS, 3M Innovative Properties Company is a corporation organized and existing under the laws of the state of Delaware, having its principal place of business at 3M Center, Saint Paul, Minnesota, U.S.A. 55144 ("3M IPC");

WHEREAS 3M ESPE and 3M IPC jointly own U.S. Patent Application No. 10/847,803, entitled *Use of Nanoparticles to Adjust Refractive Index of Dental Compositions*, which was filed on May 17, 2004 (the "Subject Application");

WHEREAS 3M IPC wishes to acquire full ownership of the Subject Application and 3M ESPE is willing to assign its ownership interest in the Subject Application to 3M IPC;

NOW, THEREFORE, for good and valuable consideration the receipt of which is acknowledged, 3M ESPE hereby assigns, transfers, and conveys to 3M IPC its entire right, title and interest in and to the Subject Application, including any divisionals, continuations (in whole or in part) of the Subject Application, and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America, 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 invention disclosed in the Subject Application.

IN WITNESS WHEREOF, this Assignment is executed below by an authorized representative of 3M ESPE.

3M ESPE AG

3M ESPE AG  
ESPE Platz  
D-82229 Seefeld

By: i.v. R. Brem

Printed Name: Dr. Roland Brem

Title: IP Counsel

Date: 26 January 2006

PATENT