

10-11-2000

cket No. 55548USA9A.002

**PATENT ASSIGNMENT REC****To: The Commissioner of Patents and Trade**

101483931

Please record the attached original document or copy thereof.

**Submission Type:**

- ☒ New **8-23-00**
- ☐ Resubmission (Non-Recordation):  
Document ID# \_\_\_\_\_
- ☐ Correction of PTO Error: Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- ☐ Corrective Document: Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type:**

- ☒ Assignment
- ☐ Other: \_\_\_\_\_

**Name of conveying party(ies)****Execution Date**  
(Month/Day/Year)

Graeve, Eric G.

07/19/00

**Name and address of receiving party(ies):**

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

Additional names of conveying party(ies) attached?

- ☐ Yes ☒ No

**Application number or patent number:**

- ☐ This document is being filed with a new patent application on \_\_\_\_\_
- ☒ This document is to be recorded against the following patent application or patent: 09/576,334, filed 5/22/00

**Patent Cooperation Treaty (PCT):**

Enter PCT application number only if a U.S. Application Number has not been assigned:

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

Name: William J. Bond, Phone Number: (651) 736-4790  
 Office of Intellectual Property Counsel  
 3M Innovative Properties Company  
 P.O. Box 33427  
 St. Paul, Minnesota 55133-3427

**Number of Properties:**

Enter the total number of properties involved

1

**Fee Amount:**

Fee Amount for Properties Listed (37 CFR 3.41)

X \$40.00

**Method of Payment:**

☒ Charge to Deposit Account No. 13-3723  
 Authorization to charge additional fees: ☒ Yes ☐ No

= \$40.00

**DO NOT USE THIS SPACE****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.

William J. Bond, Reg. No. 32,400

Printed Name of Attorney

Signature

August 18, 2000

Date

**Pages:**

Total number of pages of the attached conveyance document including any attachments

1

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents &amp; Trademarks, Box Assignments, Washington, D.C. 20231

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10/10/2000 NTHAI1 00000050 133723 09576334

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**PATENT**  
**REEL: 011131 FRAME: 0555**

ASSIGNMENT

Whereas I, the below named inventor, with residence and citizenship as indicated below; have made an invention in

**NESTED DIFFUSIONAL FILTER**

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified in the United States Patent and Trademark Office as U.S. Application Serial No. 09/576,334, filed May 22, 2000;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly owned subsidiary of MINNESOTA MINING AND MANUFACTURING 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 Minnesota Mining and Manufacturing 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 had this assignment and transfer not been made,

I do further agree for myself and for my 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 lawfully may, that may be deemed necessary by the 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 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 the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I have hereunto signed my name on the day and year set forth below.



Eric G. Graeve

Residence: Eagan, Minnesota, U.S.A.

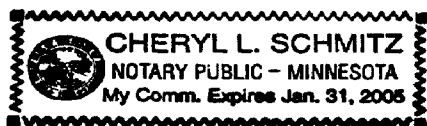
Citizenship: United States

STATE OF MINNESOTA )  
 ) ss.

COUNTY OF RAMSEY )

On this 19th day of July, 2000, before me personally appeared the above-named Eric G. Graeve, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

(Seal)




Notary Public