# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Dwight D Erickson	12/17/2008
Scott R Culler	12/17/2008
Negus B. Adefris	12/17/2008
John T. Boden	12/17/2008
John D. Haas	12/17/2008

#### **RECEIVING PARTY DATA**

Name:	3M Innovative Properties Company
Street Address:	P.O. Box 33427
City:	St. Paul
State/Country:	MINNESOTA
Postal Code:	55133-3427

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12336877

## **CORRESPONDENCE DATA**

Fax Number: (651)736-3833

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER:	63511US005
NAME OF SUBMITTER:	Jenny Thompson

PATENT REEL: 021993 FRAME: 0490

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Total Attachments: 4 source=Assignment\_63511US005#page1.tif source=Assignment\_63511US005#page2.tif source=Assignment\_63511US005#page3.tif source=Assignment\_63511US005#page4.tif

> PATENT REEL: 021993 FRAME: 0491

Case No.: 63511US005

## ASSIGNMENT OF APPLICATION

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

SHAPED, FRACTURED ABRASIVE PARTICLE, ABRASIVE ARTICLE USING SAME AND METHOD OF MAKING	
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 with 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

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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]): DWIGHT D.	Family Name or Surname: ERICKSON		
Inventor's Signature:	Date: 2/1/3005 Country: Citizenship: USA United States of America		
Residence/ Oakdalg, Minne <b>sota</b>	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA )  SS.  COUNTY OF RAMSEY )  On this day of			
Given Name (first and middle [if any]): SCOTT R.	Family Name or Surnam CULLER	<b>e</b> :	
Inventor's Signature	Date: /2//2/2	roof	
Residence: Burnsville, Minnesota	Country: USA	ে্চ Citizenship: United States of America	
STATE OF MINNESOTA )  ) ss.  COUNTY OF RAMSEY )  On this day of (2000), before me personally appeared the above-named SCOTT R. CULLER, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public			

Assignment

Family Name or Surnan	ne:		
ADEFRIS			
Date: (2/17-/2008)			
Country:	Citizenship:		
USA	United States of America		
, 2008, before m	ne personally appeared the		
above-named NEGUS 8. ADEFRIS, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
<u> </u>	42		
	<u> Warrafort</u>		
Notary Public	* '		
Given Name (first and middle [if any]): Family Name or Surname:			
Family Name or Surna	me:		
Family Name or Surna BODEN	me:		
BODEN Date:			
BODEN Date:			
BODEN  Date:  Country:	アプタ Citizenship:		
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BODEN  Date:  Country: USA ,	Citizenship: United States of America  ne personally appeared the hid person's free act and deed,		
BODEN  Date:  Country: USA  before m	Citizenship: United States of America  ne personally appeared the hid person's free act and deed,		
	Date: (2./ (7. / 2.c Country: USA , 20 8, before m		

Given Name (first and middle [if any]): JOHN D.	Family Name or Surnam HAAS	<b>e</b> :	
Inventor's Signature	Date: /2//7/2008		
Residence:	Country:	Citizenship:	
Roseville, Minnesota	USA	United States of America	
STATE OF MINNESOTA) Ss. COUNTY OF RAMSEY On this		e personally appeared the	
above-named JOHN D. HAAS, and who executed the foregoing instrument, as said person's free act and deed.			
on the day and year aforesaid.			
(Seal)  JENNY M. THOMPSON Notary Public Michaesta My Commission Expires January 31, 2011	Notary Public (	<u> Vergue</u>	

Assignment

**RECORDED: 12/17/2008** 

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> PATENT REEL: 021993 FRAME: 0495