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Case No.: 58251US002

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The Honorable Commissioner of Patents and	
Please record the attached original document(s) or Name of conveying party(ies)/(Execution Date	Δ)
1. Name of conveying party(les)/(lexecution Date	2. Name and address of receiving party(ies):
Z izzera, Lawrence A. March 26, 20	003
Pirent, Michael J. March 26, 20	3M Innovative Properties Company
Lumanna, William M. March 26, 20	₀₀₃ P.O. Box 33427
Kesari, Susrut March 25, 20	Let Don Minnegate 55177 7477
A Iditional names of conveying party(ies) attached? Yes No Nature of Conveyance: Assignment Merger Security Agreement Change of Nar Other:	ment, a copy of the
previously recorded assignment and previous Notice of Record	dation is enclosed.
4 Application number or patent number:	
This document is being filed contemporaneously v	• • • • • • • • • • • • • • • • • • • •
-	ving patent application or patent: 10/320254, filed December 16,
2002	
Enter Patent Cooperation Treaty (PCT) application	n number only if a USSN has not been assigned:
Additional Nu	mbers Attached? Yes No
5 Name and address of party to whom correspond	lence 6. Total number of applications
concerning document should be mailed:	and patents involved:
Name: Lisa M. Fagan	•
Office of Intellectual Property Counsel	
3M Innovative Properties Company	
Phone Number: (651) 737-5209	
I IRANIA INKA NIKA NIDIK BINI BIRANI NAN IRAK	7. Total fee (37 CFR 3.41): \$40.00
	Enclosed
22602	Authorized to be charged to deposit account
32692	
PATENT TRADEMARK OFFICE	8. Deposit Account Number: 13-3723
	•
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20.	
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 auti	horized, as indicated herein.
Printed Name of	1 1/2/23
A torney/Agent: Jennie G. Boeder	in P / Sugle 4/3/13
Registration No.: 28,952 Signature	Date
Pages: Total number of pages including COVER S	
	ecorded with required cover sheet information to:
C1 100 Assign Record Cover - New Appln (3/06/02)	ents, Box Assignments, Washington, DC 20231

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> **PATENT REEL: 013941 FRAME: 0609**

Case No.: 58251US002

ASSIGNMENT OF APPLICATION

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

METHODS FOR POLISHING AND/OR CLEANING COPPER INTERCONNECTS AND/OR FILM

AND COMPOSITIONS THEREFOR
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. 10/320254; was filed on
December 16, 2002;
which application is identified as PCT International Patent Application No. filed;
Name that the state of the stat

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.

	Te " "			
Given Name (first and middle [if any]):	Family Name or Surname:			
Lawrence A.	Zazzera			
Inventor's Signature:	Date:			
11	7/2/-7			
Jawen A Jazzera	3/20/05			
Residence:	Country:	Citizenship:		
Edina, Minnesota	USA	United States of America		
		ormed states of Africa		
STATE OF MINNESOTA)				
) ss.				
COUNTY OF RAMSEY)				
01+12				
On this 26 to day of March , 2003, before me personally appeared the above-named				
Lawrence A. Zazzera, and who executed the foregoing instrument, as said person's free act and deed, on the day and year				
oforogoid		1		
	1/11/1 1/1			
KATHLEEN M CANDVIG	Kotthelman, 1111	Sanderd		
(Seal) NOTARY PUBLIC - MINNESOTA	Marieno IIV.	ZUMUVY		
My Comm. Expires Jan. 31, 2005	Notary Public			
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Assignment

Page 1 of 2

PATENT REEL: 013941 FRAME: 0610

Case No.: 58251US002

Given Name (first and middle [if any]): Michael J.	Family Name or Surname: Parent		
Inventor's Signature:	Date: 3/26/03		
Residence: Oakdale, Minnesota	Country: Citizenship: USA United States of America		
STATE OF MINNESOTA)			
On this day of Michael J. Parent, and who executed the foregoing instruma foresaid. KATHLEEN M SANDVIG NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005	, 2003, before me personally appeared the above-named nent, as said person's free act and deed, on the day and year Notary Public		
	Family Name or Surname:		
Given Name (first and middle [if any]): William M.	Lamanna		
I ventor's Signature:	Date: 3/26/03		
Residence: Stillwater, Minnesota	Country: Citizenship: USA United States of America		
TATE OF MINNESOTA) ss. (OUNTY OF RAMSEY) On this 262 day of March	, 2003, before me personally appeared the above-named		
(Seal) KATHLEEN M SANDVIG NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005	trument, as said person's free act and deed, on the day and year Kathlan III. Sondira Notary Public		
√iven Name (first and middle [if any]):	Family Name or Surname:		
Susrut	Kesari		
l ventor's Signature:	Date:		
Residence: Santa Clara, California	Country: Citizenship: India		
FATE OF CALIFORNIA) ss. DUNTY OF SANTA CLARA) On this day of, 2003, before me personally appeared the above-named usrut Kesari, and who executed the foregoing instrument, as said person's free act and deed, on the day and year oresaid.			
· Seal)	Notary Public		

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Case No.: 58251US002

ASSIGNMENT OF APPLICATION

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

METHODS FOR POLISHING AND/OR CLEA AND COMPO	ANING COPPER INTE SITIONS THEREFOR				
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. 10/320254; was filed or December 16, 2002; which application is identified as PCT International Patent Application No. filed;					
L which application is identified as FOT international	ratent Application No. 1	illeu ,			
Now, therefore, for good and valuable consideral assign and transfer and do hereby assign and transfer and do hereby assign and transfer and do hereby assign and transfer and assigns, the entire right ard in and to any division or continuation (in who improvements in the said invention made by me or modering, or within one year after the termination of, my subsidiaries), and in and to any and all Letters Pater States of America and countries foreign thereto (in Inventors' Certificates in foreign countries in its own into which such applications are entitled under internating be granted thereon or on any divisional, continuother or further application based in whole or in part of the enjoyed as fully and exclusively as they would have be lowed to further agree for myself/ourselves and deliver without further consideration any further applicates as I/we lawfully may, that may be deemed neces fully to secure its right, title, and interest as afores Inventors' Certificates in any and all countries; and I/We do hereby authorize and request the Committee granted upon any of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications, to sate of the property of the said applications of the property of the said applications.	nsfer unto the 3M INNO corporation of Delaware, this, title, and interest in all ole or in part) of said a nade jointly with others (ply employment by 3M CO nt, reexaminations, reissunctuding the right to apphame and to claim any prational conventions, trea nuation (in whole or in paupon the said invention of the cations, assignments, and essary by said Company, said and to obtain or maintenance of Patents to issaid 3M Innovative Properne(s) on the day and year	having its principal office at Saint Paul, and to the said invention and application, application, and in and to any and all provided any such improvement is made DMPANY and any of its existing or future uses, or extensions thereof, of the United ply for Letters Patent, Utility Models, or riority rights for such foreign applications aties, or otherwise), which have been or early, renewal, reexamination, reissue, or improvements thereon, to be held and assignment and transfer not been made; fors, and administrators, to execute and addocuments, and to perform such other, its successors, assigns, and nominees, aintain Letters Patent, Utility Models, or sue any and all Letters Patent which may be early set forth below.			
Given Name (first and middle [if any]):	Family Name or Surn Zazzera	ame:			
Lawrence A. I ventor's Signature:	Date:				
Tivenior's Signature.	Butto.				
Residence: Edina, Minnesota	Country: USA	Citizenship: United States of America			
STATE OF MINNESOTA)	L				
) ss. OUNTY OF RAMSEY On this day of, 2003, before me personally appeared the above-named Lawrence A. Zazzera, and who executed the foregoing instrument, as said person's free act and deed, on the day and year of oresaid.					
Seal)	Notary Public				

Page 1 of 2 Case No.: 58251US002

PATENT REEL: 013941 FRAME: 0612

Given Name (first and middle [if any]):	Family Name or Sumame:				
Michael J.	Parent				
Inventor's Signature:	Date:				
Residence:	Country:	Citizenship:			
Oakdale, Minnesota	USA	United States of America			
STATE OF MINNESOTA)					
) SS.					
COUNTY OF RAMSEY)					
On this day of					
Michael J. Parent, and who executed the foregoing instrument	, as said person's free act and	deed, on the day and year			
aforesaid.					
(Seal)					
N	lotary Public				
Given Name (first and middle [if any]): William M.	Family Name or Surname: Lamanna				
veinantivi.	Lamama				
Inventor's Signature:	Date:				
Residence:	Country:	Citizenship:			
Stillwater, Minnesota	USA	United States of America			
STATE OF MINNESOTA)					
) ss.					
COUNTY OF RAMSEY)					
On this day of, William M. Lamanna, and who executed the foregoing instrum					
aforesaid.	ent, as said person's free act a	and deed, on the day and year			
(Seal)	lotary Public				
יו	iotary Fublic				
Given Name (first and middle [if any]):	Family Name or Surname:				
Susrut	Kesari				
Inventor's Signature:	Date:				
V C H	03 - 25 - 200	۲			
N. SWWY.	•				
Residence: Santa Clara, California	Country: USA	Citizenship: India			
		maid			
STATE OF CALIFORNIA)					
) ss. COUNTY OF SANTA CLARA)					
~ L-11. ANY - (.1)	2003, before me personally a	pneared the above-named			
On this					
aforesaid.					
(Seal) SARANYA VU	Ath	_			
NOTARY PUBLIC - CALIFORNIA	lotan Public				
COMMISSION # 1311498 E SANTA CLARA COUNTY					
My Comm. Exp. June 30, 2005					

Assignment Page 2 of 2 Case No.: 58251US002