

10-27-03

10-29-2003



Case No.: 57136US002

102587422

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) Boyd, Steven D. September 25, 2003 Kesari, Susrut September 19, 2003 Lamanna, William M. September 29, 2003 Parent, Michael J. September 29, 2003 Zazzera, Lawrence A. September 30, 2003 Zhang, Haiyan September 22, 2003 Additional names of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---	--


3. Nature of Conveyance:
☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other: Re-record to correct title on a document previously recorded at Reel 013590/Frame 0007

☐ If this is a request for correction of a previously recorded document, a copy of the previously recorded assignment and previous Notice of Recordation is enclosed.

4. Application number or patent number:
☐ This document is being filed contemporaneously with a new patent application.
☒ This document is to be recorded against the following patent application or patent: 10/320263, filed December 16, 2002
☐ Enter Patent Cooperation Treaty (PCT) application number only if a USSN has not been assigned:

Additional Numbers Attached? ☐ Yes ☒ No

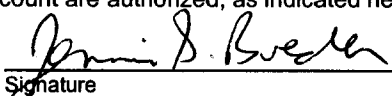
5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Lisa M. Fagan
Office of Intellectual Property Counsel
3M Innovative Properties Company
Phone Number: (651) 737-5209


32692
PATENT TRADEMARK OFFICE

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

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: Jennie G. Boeder
Registration No.: 28,952

Signature
October 24, 2003
Date

Pages: Total number of pages including COVER SHEET, attachments and documents **7**

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

10/29/2003 LMUELLER 00000069 133723 10320263

01 FC:8021 40.00 DA

ASSIGNMENT OF APPLICATION

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

PLATING SOLUTIONS FOR ELECTROCHEMICAL OR CHEMICAL DEPOSITION OF COPPER INTERCONNECTS AND METHODS THEREFOR
--

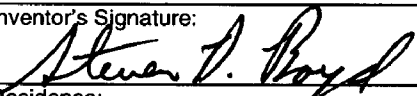
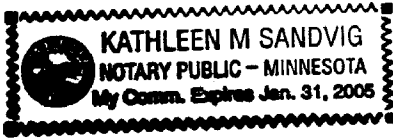
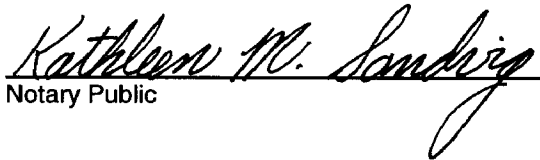
- ☐ for which an application for a United States Patent is being filed contemporaneously herewith;
☒ for which an application for a United States Patent identified as U.S. Patent Application No. 10/320263; was filed on December 16, 2002;
☐ which application is identified as PCT International Patent Application 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

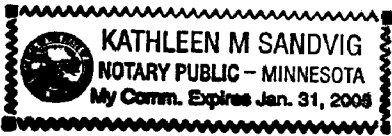
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

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]): Steven D.		Family Name or Surname: Boyd	
Inventor's Signature: 		Date: Sept. 25, 2003	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>25th</u> day of <u>September</u> , 2003, before me personally appeared the above-named Steven D. Boyd, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			
	 Notary Public		

Given Name (first and middle [if any]): Susrut		Family Name or Surname: Kesari	
Inventor's Signature:		Date:	
Residence: Santa Clara, California	Country: USA	Citizenship: India	
STATE OF CALIFORNIA)) ss. COUNTY OF _____) On this _____ day of _____, 2003, before me personally appeared the above-named Susrut Kesari, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) _____ Notary Public			

Given Name (first and middle [if any]): William M.		Family Name or Surname: Lamanna	
Inventor's Signature: <i>William M. Lamanna</i>		Date: 9/29/03	
Residence: Stillwater, Minnesota	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>29th</u> day of <u>September</u> , 2003, before me personally appeared the above-named William M. Lamanna, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Kathleen M. Sandvig</i> Notary Public			

Given Name (first and middle [if any]): Michael J.		Family Name or Surname: Parent	
Inventor's Signature: <i>Michael J. Parent</i>		Date: 9/29/2003	
Residence: Oakdale, Minnesota	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>29th</u> day of <u>September</u> , 2003, before me personally appeared the above-named Michael J. Parent, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Kathleen M. Sandvig</i> Notary Public			

Given Name (first and middle [if any]): Lawrence A.		Family Name or Surname: Zazzera	
Inventor's Signature: <i>Lawrence A. Zazzera</i>		Date: 9/30/03	
Residence: Edina, Minnesota		Country: USA	Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY 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 aforesaid.

(Seal) _____
Notary Public

Given Name (first and middle [if any]): Haiyan		Family Name or Surname: Zhang	
Inventor's Signature: <i>Haiyan Zhang</i>		Date: 9/22/2003	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 22nd day of September, 2003, before me personally appeared the above-named Haiyan Zhang, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.

(Seal)  _____
Kathleen M. Sandvig
Notary Public

ASSIGNMENT OF APPLICATION

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

PLATING SOLUTIONS FOR ELECTROCHEMICAL OR CHEMICAL DEPOSITION OF COPPER INTERCONNECTS AND METHODS 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. 10/320263; was filed on December 16, 2002;
☐ which application is identified as PCT International Patent Application No. filed ;

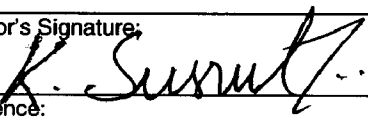

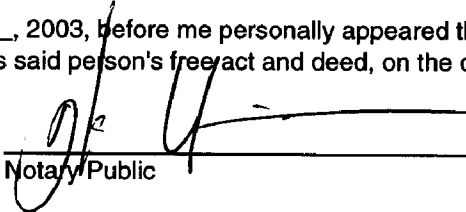
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office 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]): Steven D.		Family Name or Surname: Boyd	
Inventor's Signature:		Date:	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)			
On this _____ day of _____, 2003, before me personally appeared the above-named Steven D. Boyd, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		_____ Notary Public	

Given Name (first and middle [if any]): Susrut		Family Name or Surname: Kesari	
Inventor's Signature: 		Date: 9-19-2003	
Residence: Santa Clara, California		Country: USA	Citizenship: India
STATE OF CALIFORNIA)) ss. COUNTY OF <u>SANTA CLARA</u>) On this <u>19</u> day of <u>SEPTEMBER</u> , 2003, before me personally appeared the above-named Susrut Kesari, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <div style="float: right;">  Notary Public </div>			

Given Name (first and middle [if any]): William M.		Family Name or Surname: Lamanna	
Inventor's Signature:		Date:	
Residence: Stillwater, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this _____ day of _____, 2003, before me personally appeared the above-named William M. Lamanna, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) _____ Notary Public			

Given Name (first and middle [if any]): Michael J.		Family Name or Surname: Parent	
Inventor's Signature:		Date:	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this _____ day of _____, 2003, before me personally appeared the above-named Michael J. Parent, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) _____ Notary Public			

