

07-23-2002



Case No.: 56613US002

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102165054

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)

Sierakowski, Michael J. July 3, 2002
 Hardy, L. Charles July 3, 2002
 Terrazas, Michael S. July 3, 2002
 Waddell, Jennifer E. July 5, 2002
 Johnson, Bryan J. July 9, 2002

7.10.02

Additional names of conveying party(ies) attached?

☐ Yes ☒ No**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?

☐ Yes ☒ No

11040 U.S. PTO
 10/192335
 07/10/02

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

☐ 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.

10/192335

4. Application number or patent number:

☒ This document is being filed with a new patent application on: July 10, 2002
☐ This document is to be recorded against the following patent application or patent:
☐ 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: Douglas B. Little
 Office of Intellectual Property Counsel
 3M Innovative Properties Company
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427

Phone Number: 651-733-1501

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**DO NOT USE THIS SPACE****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: Douglas B. Little

Registration No.: 28,439

Signature

July 10, 2002

Date

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

10

Mail documents to be recorded with required cover sheet information to:
 Commissioner for Patents, Box Assignments, Washington, DC 20231

CPI 100 Assign Record Cover - New Appln (3/06/02)

07/22/2002 LNUJELLER 00000155 133723 10192335

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PATENT
REEL: 013097 FRAME: 0877

ASSIGNMENT

Whereas we, the below named inventors, with residences and citizenships as indicated below; have made an invention in

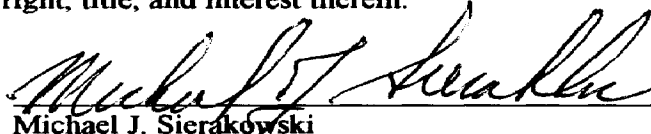
ELECTROLYTIC PROCESSES WITH REDUCED CELL VOLTAGE AND GAS FORMATION

and have contemporaneously executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly 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 us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by 3M Company and any of its existing or future subsidiaries of whichever of us, solely or jointly with one or more others, has made the same), 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 us or any of us had this assignment and transfer not been made,

We do further agree for ourselves and for 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 we 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 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 the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.



Michael J. Sierakowski

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

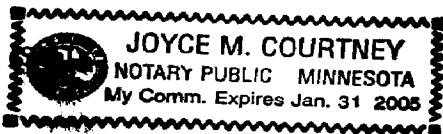
Citizenship: United States of America

STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY)

On this 3rd day of July, 2002, before me personally appeared the above-named Michael J. Sierakowski, 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.




Notary Public

L. Charles Hardy

L. Charles Hardy

Residence: St. Paul, Minnesota, U.S.A.

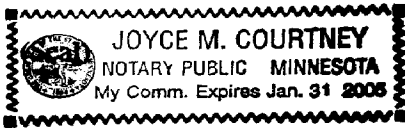
Citizenship: United States of America

STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY)

On this 3rd day of July, 2002, before me personally appeared the above-named L. Charles Hardy, 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.

Joyce M. Courtney

Notary Public

Michael S. Terrazas

Michael S. Terrazas

Residence: Prescott, Wisconsin, U.S.A.

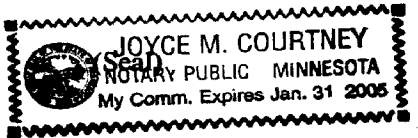
Citizenship: United States of America

STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY)

On this 3rd day of July, 2002, before me personally appeared the above-named Michael S. Terrazas, 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.

Joyce M. Courtney

Notary Public

Jennifer E. Waddell

Residence: Monument, Colorado, U.S.A.

Citizenship: United States of America

STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY)

On this _____ day of _____, 2002, before me personally appeared the above-named Jennifer E. Waddell, 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

Bryan J. Johnson
Residence: Austin, Texas, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this _____ day of _____, 2002, before me personally appeared the above-named Bryan J. Johnson, 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

ELECTROLYTIC PROCESSES WITH REDUCED CELL VOLTAGE AND GAS FORMATION

And 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 the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Michael J. Sierakowski
Residence: Stillwater, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this _____ day of _____, 2002, before me personally appeared the above-named Michael J. Sierakowski, 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

Bryan J. Johnson
Residence: Austin, Texas, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this _____ day of _____, 2002, before me personally appeared the above-named Bryan J. Johnson, 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

ASSIGNMENT

Whereas we, the below named inventors, with residences and citizenships as indicated below; have made an invention in

ELECTROLYTIC PROCESSES WITH REDUCED CELL VOLTAGE AND GAS FORMATION

and have contemporaneously executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly 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 us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by 3M Company and any of its existing or future subsidiaries of whichever of us, solely or jointly with one or more others, has made the same), 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 us or any of us had this assignment and transfer not been made,

We do further agree for ourselves and for 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 we 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 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 the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

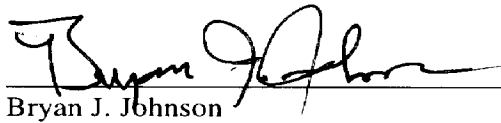
Michael J. Sierakowski
 Residence: Stillwater, Minnesota, U.S.A.
 Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this _____ day of _____, 2002, before me personally appeared the above-named Michael J. Sierakowski, 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



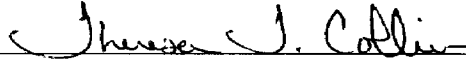
Bryan J. Johnson

Residence: Austin, Texas, U.S.A.

Citizenship: United States of America

STATE OF ~~MINNESOTA~~)
 TEXAS)
 TRAVIS) ss.
COUNTY OF ~~RAMSEY~~)

On this 9th day of July, 2002, before me personally appeared the above-named Bryan J. Johnson, 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.



Notary Public