

MAR 6-17-98

06-26-1998

cket No. 53639USA8A

PATENT ASSIGNMENT



COVER SHEET

To the Honorable Commissioner of Patents

100749729

Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Mark K. Debe
Thao Ngoc Pham
Andrew J. Steinbach

2. Name and address of receiving party(ies)

Minnesota Mining and Manufacturing Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

Additional names of conveying party(ies) attached?

☐ Yes ☒ No3. Nature of conveyance: ☒ AssignmentExecution Date(s): June 1, 1998, June 2, 1998,
June 3, 1998

4. Application number or patent number:

☒ This document is being filed with a new patent application on October 10, 1998.☐ This document is to be recorded against the following patent application or patent:

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

Philip Y. Dahl
Minnesota Mining and Manufacturing Company
Office of Intellectual Property Counsel
P.O. Box 33427
St. Paul, Minnesota 55133-3427

6. Total number of applications and patents involved:

1

x \$40.00

40.00

7. Total fee (37 CFR 3.41) . . . \$40 . Please charge it to Deposit Account No. 13-3723

DO NOT USE THIS SPACE

8. 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.

Philip Y. Dahl

Printed Name of Attorney

Signature

Date

Total number of pages including cover sheet, attachments, and document:

3

Form Rec-Asn.doc Rev. 6/11/96

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

06/25/1998 SSMITH 00000264 133723 08948851

01 FC:581

40.00 CH

PATENT
REEL: 9259 FRAME: 0600

ASSIGNMENT

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

PROCESS OF FORMING A MEMBRANE ELECTRODE

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. 08/948,851, filed October 10, 1997;

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 MINNESOTA MINING AND MANUFACTURING COMPANY (sometimes designated as the Minnesota Mining & Manufacturing Company), 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 the said Company 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 Minnesota Mining and Manufacturing Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Mark K. Debe 6/3/98

Mark K. Debe

Residence: Stillwater, Minnesota, USA

Citizenship: United States of America

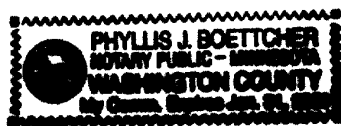
STATE OF MINNESOTA)
) ss.

COUNTY OF RAMSEY)

On this 3rd day of June 1998 before me personally appeared the above-named Mark K. Debe, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)

Phyllis J. Boettcher 6-3-98
Notary Public



PATENT

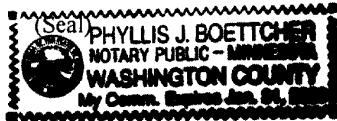
Thao Ngoc Pham 6/1/98
Thao Ngoc Pham
Residence: Minneapolis, Minnesota, USA
Citizenship: Vietnam

STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY

On this 1st day of June 1998, before me personally appeared the above-named, Thao Ngoc Pham personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.



Phyllis J. Boettcher 6-1-98
Notary Public

Andrew J. Steinbach 6/2/98
Andrew J. Steinbach
Residence: St. Paul, Minnesota, USA
Citizenship: United States of America

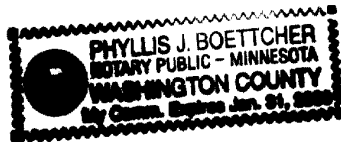
STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY

On this 2nd day of June 1998, before me personally appeared the above-named, Andrew J. Steinbach personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)



Phyllis J. Boettcher 6-2-98
Notary Public