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U.S. DEPARTMENT OF COMMERCE

LET

Patent and Trademark Office
Docket No. 344742001420

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Steven A. CARLSON
Qicong YING
Zhongyi DENG
Terje A. SKOTHEIM

☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 28 Jan 99, 29 Jan 99, 29 Jan 99, and 29 Jan 99

2. Name and address of receiving party(ies):

Name: **Moltech Corporation**
Internal Address:
Street Address: **9062 South Rita Road**
City: **Tucson** State: **Arizona** ZIP: **85747**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) B. Patent No.(s)

09/215,112

Additional numbers attached? ☐ Yes ☒ No

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

Thomas E. Ciotti
Morrison & Foerster LLP
755 Page Mill Road
Palo Alto, California 94304-1018

6. Total number of applications and patents involved: **ONE (1)**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

☒ Enclosed
☐ Authorized to be charged to deposit account, referencing Attorney Docket 344742001420

8. Deposit account number: **03-1952**

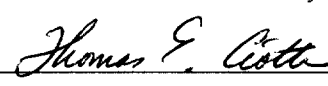
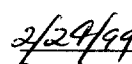
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to **Deposit Account No. 03-1952**.

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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.

Name: **Thomas E. Ciotti**
Registration No: **21,013**

Signature Date

Total number of pages comprising cover sheet, attachments and document: **TWO (2)**

Mail documents to be recorded with required cover sheet information to:
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pa-343475

PATENT
REEL: 9794 FRAME: 0423

ASSIGNMENT

THIS ASSIGNMENT, by **Steven A. CARLSON, Qicong YING, Zhongyi DENG, and Terje A. SKOTHEIM** (hereinafter referred to as "said Assignors"), residing at **Cambridge, MA, USA; Tucson, AZ, USA; Tucson, AZ, USA; and Tucson, AZ, USA**, respectively, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in **SEPARATORS FOR ELECTROCHEMICAL CELLS** (hereinafter referred to as "said inventions"), set forth in an application for Letters Patent of the United States bearing serial number **USSN 09/215,112** and filed on **17 December 1998** (hereinafter referred to as "said filed patent application"); and:

WHEREAS, **Moltech Corporation**, a corporation duly organized under and pursuant to the laws of **Delaware** and having its principal place of business at **9062 South Rita Road, Tucson, Arizona 85747, USA** (hereinafter referred to as "said Assignee") is desirous of acquiring said Assignors' entire right, title and interest in and to said inventions, and said filed patent application, and in and to any and all Letters Patent or Patents, United States of America or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, and to the extent that they have not already done so, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, their entire right, title and interest in and to the above-mentioned inventions, said filed patent application, any and all Letters Patent or Patents in the United States of America or any foreign country which may be granted therefor and thereon, any and all applications for Letters Patent or Patent in the United States of America or any foreign country for said inventions, any and all divisional, continuation, or continuation-in-part applications for Letters Patent or Patent in the United States of America or any foreign country for said inventions, any and all reissues or extensions of any Letters Patent or Patent in the United States of America or any foreign country for said inventions, any and all applications for Letters Patent or Patent in the United States of America or any foreign country claiming priority benefit of said filed patent application, and all rights under the International Convention for the Protection of Industrial Property for said inventions, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignors, had this sale and assignment not been made.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, said filed patent application, or Letters Patent or Patents, United States of America or foreign, for said inventions, including interference proceedings, is lawful and desirable, or that any application for Letters Patent or Patent, United States of America or foreign, for said inventions, any divisional, continuation, or continuation-in-part application for Letters Patent or Patent, United States of America or foreign, for said inventions, any reissue or extension of any Letters Patent or Patent, United States of America or foreign, for said inventions, or any application for Letters Patent or Patent in the United States of America or any foreign country claiming priority benefit of said filed patent application, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents, United States of America or foreign, for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

<u>1/28/99</u> Date	<u>Steven A. Carlson</u> Steven A. CARLSON
<u>1/29/99</u> Date	<u>Qicong YING</u> Qicong YING
<u>1/29/99</u> Date	<u>Zhongyi DENG</u> Zhongyi DENG
<u>1/29/99</u> Date	<u>Terje A. SKOTHEIM</u> Terje A. SKOTHEIM