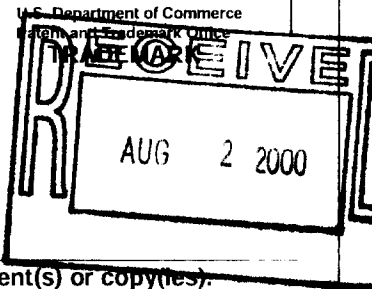


08-30-2000

FORM PTO-1618A  
Expires 06/30/99  
OMB 0651-0027



101446598



*Handwritten initials and date: 8.2.00*

AMENDED **RECORDATION FORM COVER SHEET  
TRADEMARKS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID #

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  License

Security Agreement  Nunc Pro Tunc Assignment

Merger

Change of Name

Other

Effective Date  
Month Day Year

**Conveying Party**

Mark if additional names of conveying parties attached

Name  Execution Date  
Month Day Year

Formerly

Individual  General Partnership  Limited Partnership  Corporation  Association

Other

Citizenship/State of Incorporation/Organization

**Receiving Party**

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

Individual  General Partnership  Limited Partnership  Corporation  Association

Other

Citizenship/State of Incorporation/Organization

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

08/30/2000 WTHA11 00000049 75616119  
01 FC:481 40.00 OP

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

**TRADEMARK**  
REEL: 002130 FRAME: 0230

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

**Trademark Application Number(s) or Registration Number(s)**

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)

Registration Number(s)

<input type="text" value="75/616,119"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

No

**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.

Kevin A. Cahill

Name of Person Signing

Signature

August 2, 2000

Date Signed

04-06-2000



101307867

MKD  
2-29-00

FEB 29 PM 12:43

OPR/FINANCE

RECORDATION FORM COVER SHEET  
TRADEMARKS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)  
Document ID #
- Correction of PTO Error  
Reel #  Frame #
- Corrective Document  
Reel #  Frame #

Conveyance Type

- Assignment  License
- Security Agreement  Nunc Pro Tunc Assignment
- Merger
- Change of Name
- Other

Effective Date  
Month Day Year  
2 3 00

Conveying Party

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name

Formerly

- Individual  General Partnership  Limited Partnership  Corporation  Association
- Other

Citizenship/State of Incorporation/Organization

Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

- Individual  General Partnership  Limited Partnership  Corporation  Association
- Other

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Citizenship/State of Incorporation/Organization

FOR OFFICE USE ONLY

04/06/2000 DNGUYEN 00000011 75616179

01 FC:481  
02 FC:482

40.00 OP  
375.00 OP

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

TRADEMARK  
REEL: 002130 FRAME: 0232

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Correspondent Name and Address**

Area Code and Telephone Number

(619) 699-2532

Name

Kevin A. Cahill

Address (line 1)

Luce, Forward, Hamilton & Scripps LLP

Address (line 2)

600 West Broadway, Suite 2600

Address (line 3)

San Diego, California 92101

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

6

**Trademark Application Number(s) or Registration Number(s)**



Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

**Trademark Application Number(s)**

75/616,179	75/647,587	75/763,484
75/707,314	75/812,400	

**Registration Number(s)**

1,657,895	2,102,439	1,408,103
1,618,385	2,174,958	2,157,583
1,837,495	1,740,738	1,760,855

**Number of Properties**

Enter the total number of properties involved.

#

16

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

40.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

50-0886

Authorization to charge additional fees:

Yes



No



**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.

Kevin A. Cahill

Name of Person Signing

*Kevin A. Cahill*

Signature

Feb. 29, 2000

Date Signed

**RECORDATION FORM COVER SHEET  
CONTINUATION  
TRADEMARKS ONLY**

FORM PTO-1618C  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**TRADEMARK**

**Conveying Party**

Enter Additional Conveying Party

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name

Formerly

Individual  General Partnership  Limited Partnership  Corporation  Association

Other

Citizenship State of Incorporation/Organization

**Receiving Party**

Enter Additional Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

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Address (line 1)

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City State/Country Zip Code

Individual  General Partnership  Limited Partnership

Corporation  Association

Other

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Citizenship/State of Incorporation/Organization

**Trademark Application Number(s) or Registration Number(s)**

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

**Trademark Application Number(s)**

**Registration Number(s)**

<input type="text"/>	<input type="text"/>	<input type="text"/>
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**MEMORANDUM OF SECURITY AGREEMENT IN TRADEMARKS**

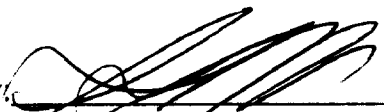
Chemicon International, Inc., whose address is 28835 Single Oak Drive, Temecula, California 92590 ("Debtor"), does hereby grant to Imperial Bank, whose address is 701 "B" Street, Suite 600, San Diego, California 92101 ("Creditor"), a security interest in and collaterally assigns to Creditor or all of Debtor's now owned or hereafter acquired right, title and interest in and to (i) the trademark registrations and other trademarks which are identified on **Schedule "A"** attached hereto and incorporated herein, together with all extensions and renewals thereof, (ii) the trademark applications which are identified on **Schedule "A"**, together with any and all trademark registrations resulting therefrom (collectively the "Trademarks"), and (iii) all goodwill and assets of the business symbolized by or associated with such Trademarks, and actions for infringement or violation concerning the foregoing.

The terms and conditions of the security interest granted hereby are contained in that certain Intellectual Property Security Agreement (the "Agreement") dated as of February 3, 2000, between Debtor and Creditor as security for Debtor's performance of Debtor's obligations as set forth in the Agreement. Nothing contained in this Memorandum of Security Agreement in Trademarks shall be construed as limiting any interest which Creditor may have in any other collateral described in the Agreement or otherwise.

IN WITNESS WHEREOF, the undersigned have executed this Memorandum effective as of February 3, 2000.

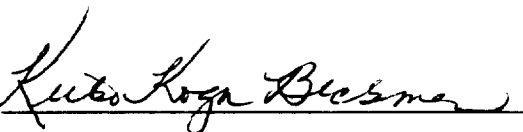
**"LENDER"**

Imperial Bank

By:   
Stephen M. Cusato  
Its: Senior Vice President

**"BORROWER"**

Chemicon International, Inc.

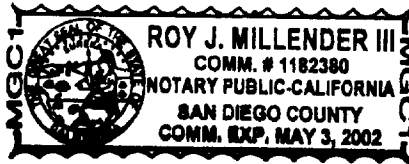
By:   
Its: Chairman

STATE OF CALIFORNIA }  
COUNTY OF San Diego }ss

On 2/20/00, before me, Roy J. Millender III, personally appeared \_\_\_\_\_ personally known to me ( or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature] (This area for official notarial seal)

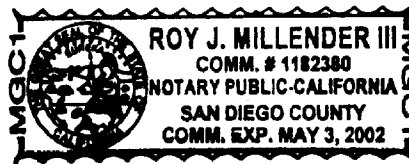


STATE OF CALIFORNIA }  
COUNTY OF San Diego }ss

On 2/10/00, before me, Roy J. Millender III, personally appeared \_\_\_\_\_ personally known to me ( or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature] (This area for official notarial seal)



submitted indicates an incorrect Application Serial Number of 75/616,179 for the OLIGO DETECT mark. Please deem this Request to Amend as an amendment to the Memorandum of Security Agreement in Trademarks recorded February 29, 2000, recorded as Reel/Frame No. 002044/0522 ("Memorandum") by amending only the reference to Application Serial No. 75/616,179 in the Memorandum and substituting the correct Application Serial No. of **75/616,119** for the OLIGO DETECT trademark. All other trademarks referenced in the Memorandum are correctly identified. Copies of the Notice, the original Memorandum, and an amended Cover Sheet are enclosed.

Accordingly, Applicant respectfully requests that this amendment be recorded. To the extent additional information is required, the Examiner is requested to contact the Applicant's counsel directly at the number indicated below.

Respectfully submitted,

LUCE, FORWARD, HAMILTON & SCRIPPS LLP

Date: August 2, 2000

By: \_\_\_\_\_



Kevin A. Cahill  
Katherine M. Bush  
Attorneys for Applicant  
Imperial Bank

600 West Broadway, Suite 2600  
San Diego, California 92101  
Telephone: (619)699-2532