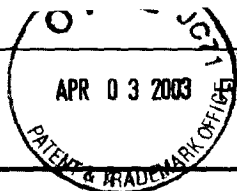


4-3-03



RECORDAT

PA

04-11-2003



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 1946/1G904US1

102412794

To the Honorable Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof.

1. Name of conveying party(ies):

Joseph N. BERNADINO; Doris C. O'TOOLE;
William E. BAY

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: Corrective Assignment

To correct the Patent Application number, the filing date ~~10/24/2002~~
Reel/Frame: 013474/0603

Execution Date: October 24, 2002; October 14, 2002;
October 24, 2002, respectively

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

Name: EMISPHERE TECHNOLOGIES, INC.

Internal Address:

Street Address: 765 Old Saw Mill River Road

City: Tarrytown State: NY Zip: 10591

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:

9/3/03 294039459 45

A. Patent Application No.(s) 10/239,477

B. Patent No.(s)

J. Rojas

J. Rojas

Additional numbers attached? Yes No

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

Name: Darby & Darby P.C.

Internal Address: Marie L. Collazo

Street Address: Post Office Box 5257

City: New York State: New York Zip: 10150-5257

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:

40E

04-0100

(Attach duplicate copy of this page if paying by deposit account)

04/09/2003 LMUELLER 00000266 10239477

DO NOT USE THIS SPACE

01 FC:8021

40.00 DP

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.

Marie Gilfillan (44,085)
Name of Person Signing

Marie Gilfillan
Signature

April 2, 2003
Date

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

7

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

PATENT
REEL: 013561 FRAME: 0775

11-14-2002



COVER SHEET
ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 1946/1G904US1

To the Honorable Commissioner

102280809

record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Joseph N. BERNADINO; Doris C. O'TOOLE;
William E. BAY

2002 NOV -1 AM 9:28

2. Name and address of receiving party(ies):
Name: EMISPHERE TECHNOLOGIES, INC.

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

Internal Address:

Street Address: 765 Old Saw Mill River Road

City: Tarrytown State: NY Zip: 10591

3. Nature of conveyance: *11-1-02*
 Assignment Merger
 Security Agreement Change of Name
 Other

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

Execution Date: October 24, 2002; October 14, 2002;
October 24, 2002, respectively

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) 10/237,477
9

B. Patent No.(s) *Ev 2,085,542 92 - us*
I hereby certify that, on the date indicated above, this paper or
copy thereof was deposited with the U.S. Postal Service & that it was
addressed to the Assistant Commissioner for
Patents, Washington, DC 20231 by "Express Mail Post Office
in Addressed Envelope".

B.W. LEE *B.W. Lee*
Signature

Additional numbers attached? Yes No

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

Name: Darby & Darby P.C.

Internal Address: Marie L. Collazo

Street Address: Post Office Box 5257

City: New York State: New York Zip: 10150-5257

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:

04-0100

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

11/13/2002 6TON11 00000162 10237477

01 FC:0021

40.00 DP

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.

Marie L. Collazo (44,085)
Name of Person Signing

Marie L. Collazo
Signature

November 1, 2002
Date

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

4

ASSIGNMENT BY INVENTORS - WORLDWIDE

THIS ASSIGNMENT, made this 14th day of October, 2002, by Joseph N. BERNADINO; Doris C. O'TOOLE and William E. BAY (hereinafter referred to as Assignors), residing at 8 Ocean Drive West, Stamford, CT 06902, U.S.A.; 33 Lakeview Road, Carmel, NY 10512, U.S.A. and 20 Woodland Way, Ridgefield, CT 06877, U.S.A., respectively;

WHEREAS, Assignors have invented certain new and useful improvements in **METHOD OF PREPARING ALKYLATED SALICYLAMIDES VIA A DICARBOXYLATE INTERMEDIATE**, set forth in a Patent application for which an International Application was filed on March 21, 2001, PCT/US01/09154, designating the United States; and

WHEREAS, EMISPHERE TECHNOLOGIES, INC, a corporation organized under and pursuant to the laws of New York having its principal place of business at 765 Old Saw Mill River Road, Tarrytown, NY 10591, U.S.A. (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States and all foreign countries which may be granted therefore, and in and to any Letters Patent of the United States and all foreign countries to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent

{M:\1946\1g904\LMD2360.DOC;1}

in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the U.S. Director of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to

{M:\1946\1G904\LMD2360.DOC;1}

comply with the rules of the United States Patent and Trademark Office for recordation of this document:

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.



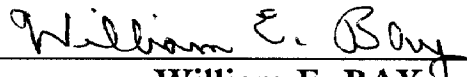
Joseph N. BERNADINO

Date: 10/24/02



Doris C. O'TOOLE

Date: 10/14/02



William E. BAY

Date: 10/24/02