PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4045667

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| GARRY L. MYERS | 08/05/2009 |
| SAMUEL D. HILBERT | 08/05/2009 |
| BILL J. BOONE | 08/05/2009 |
| B. ARLIE BOGUE | 08/06/2009 |
| PRADEEP SANGHVI | 08/13/2009 |
| MADHUSUDAN HARIHARAN | 08/06/2009 |

RECEIVING PARTY DATA

| Name: | MONOSOL RX, LLC |
|-----------------|------------------|
| Street Address: | 6560 MELTON ROAD |
| City: | PORTAGE |
| State/Country: | INDIANA |
| Postal Code: | 46368 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14989669 |

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 617-542-6000

Email: cdipasupil@mintz.com

Correspondent Name: MINTZ LEVIN

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER: 48500-509C04US

NAME OF SUBMITTER: EDWARD D. GRIEFF

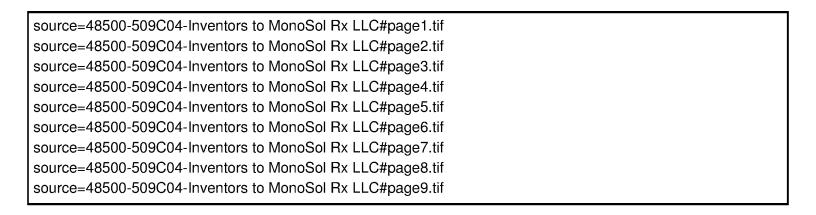
SIGNATURE: /Edward D. Grieff/

DATE SIGNED: 09/09/2016

Total Attachments: 9

PATENT REEL: 039690 FRAME: 0606

503999011



PATENT REEL: 039690 FRAME: 0607 Attorney's Docket No.: 1199-82

PATENT

| For: | ☑ U.S. and/or ☑ Foreign Rights |
|------|---------------------------------|
| roi. | |
| For: | ☑ U.S.Application; |
| | U.S. Provisional Application; |
| | U.S.Patent; or |
| | □ PCT Application |
| Bv: | ☐ Inventors or ☐ Present Owners |

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

| Garry L. Myers | Samuel D. Hilbert | Bill J. Boone |
|--|---|---------------------------------------|
| Name | Name | Name |
| | | 900 Carroll Creek Road |
| 908 Colfax Avenue | 210 Mulberry Lane | Address |
| Address | Address | Address |
| Kingsport, TN 37660 | Jonesboro, TN 37659 | Johnson City, TN 37601 |
| | TIO. | US |
| US | US Nationality | Nationality |
| Nationality | Nationality | 1 au o i au o i |
| | | |
| | | |
| B. Arlie Bogue | Pradeep Sanghvi | Madhusudan Hariharan |
| Name | Name | Name |
| | | |
| 5306 N. Fox Hollow | 7409 Bell Street | 1746 Redwood Court |
| Address | Address | Address |
| | | |
| New Carlisle, IN 46552 | Schererville, IN 46375 | Munster, IN 46321 |
| | US | IN |
| US Nationality | Nationality | Nationality |
| Nationality | 114451541545 | • |
| | | The property of the second |
| (If assignment is by person or entity to | whom invention was previously assigned and this w | as recorded in PIO add the following) |
| Recorded on | Reel | |
| Recorded on | Frame | |

Assignment of Invention - Page 1 of 5

REEL: 039690 FRAME: 0608

| hereby sells, assigns and transfers to | | |
|--|-------------|--|
| ASSIC | GNEE: | |
| | | MonoSol Rx, LLC (Type or print name of ASSIGNEE) |
| | | 6560 Melton Road Address |
| | | Portage, IN 46368 |
| | | US Nationality |
| and th | e succes | ssors, assigns and legal representatives of the ASSIGNEE, |
| | | (complete one of the following) |
| | \boxtimes | the entire right, title and interest an undivided percent (%) interest |
| for the | United | States and its territorial possessions |
| | \boxtimes | and in all foreign countries, including all rights to claim priority, |
| | • | and all improvements which are disclosed in the invention entitled: AL AND BUCCAL FILM COMPOSITIONS |
| and w | hich is f | found in |
| | | (check and complete (a), (b), (c), (d), (e), (f), or (g)) |
| (a) (b) (c) | | U.S. patent application executed on even date herewith U.S. patent application executed on U.S. provisional application naming the above inventor(s) for the above-identified invention. |
| | \boxtimes | Express Mail label No.:, mailed: To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing |
| (d) (e) (f) | | date and application number when they become known U.S. application Serial No. 1253757 filed on Acquest 7, 2009 International application No. PCT// U.S. Patent No issued A change of address to which correspondence is to be sent regarding patent |
| (g) | \boxtimes | maintenance fees is being sent separately. and any legal equivalent thereof in a foreign country, including the right to claim priority |

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PATENT
REEL: 039690 FRAME: 0609

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

| Date: | X | X |
|-------|-------------------|----------------------|
| | Date of signing | Garry L. Myers |
| Date: | X | X |
| | Date of signing | Samuel D. Hilbert |
| Date: | X Date of signing | X Dill I Dooms |
| | Dute of Signing | Bill J. Boone |
| Date: | X Date of signing | X B. Arlie Bogue |
| Date: | x April 13, 2009 | x Hanghvi |
| | Date of signing | Pradeep Sanghv() |
| Date: | X | X |
| | Date of signing | Madhusudan Hariharan |

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

| STATE OF SS | |
|--|---|
| COUNTY OF | |
| On this day of , , before me personally known and known to me to be the pand acknowledged the signing of same as his/her to | e me personally appeared Garry L. Myers to person who signed the foregoing Assignment free act and deed. |
| | Notary Public |
| STATE OF | |
| SS COUNTY OF | |
| On this day of , , before me personally known and known to me to be the pand acknowledged the signing of same as his/her to | e me personally appeared Samuel D. Hilbert to berson who signed the foregoing Assignment free act and deed. |
| | N. D. 11'. |
| | Notary Public |
| STATE OF SS COUNTY OF | |
| On this day of , , before personally known and known to me to be the personal acknowledged the signing of same as his/her free to be the personal to the perso | e me personally appeared Bill J. Boone to me on who signed the foregoing Assignment and act and deed. |
| | Notary Public |



| SS COUNTY OF | |
|--|---|
| | efore me personally appeared B. Arlie Bogue to me person who signed the foregoing Assignment and free act and deed. |
| | Notary Public |
| STATE OF New Jersey SS COUNTY OF Somesset | |
| On this 13 day of April, 2009, be me personally known and known to me to be and acknowledged the signing of same as his/ | efore me personally appeared Pradeep Sanghvi to the person who signed the foregoing Assignment her free act and deed. |
| Jennifer E. Anderer Notary Public State of New Jersey My Commission Expires July 29, 2009 | Notary Public Enderer |
| STATE OF | |
| SS COUNTY OF | |
| | efore me personally appeared Madhusudan to me to be the person who signed the foregoing same as his/her free act and deed. |
| | |
| | Notary Public |

STATE OF

Aug 05 09 10:18a Garry Myers 423 239 5860 p.3

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

Assignment of Invention – Page 3 of 5

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

| Date: | X | X |
|-------|-----------------------------|----------------------|
| | Date of signing | Garry L. Myers |
| Date: | X | X |
| | Date of signing | Samuel D. Hilbert |
| Date: | X | X |
| | Date of signing | Bill J. Boone |
| Date: | X 96 Auc 09 Date of signing | X Senjal A By |
| | Date of signing | B. Arlie Bogue |
| Date: | X | X |
| | Date of signing | Pradeep Sanghvi |
| Date: | X Aug 6, 2009 | X allerthan |
| | Date of signing | Madhusudan Hariharan |

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

| STATE OF SS | |
|--|---|
| COUNTY OF | |
| On this day of me personally known and known to and acknowledged the signing of same | , , before me personally appeared Garry L. Myers to me to be the person who signed the foregoing Assignment me as his/her free act and deed. |
| | Notary Public |
| STATE OF SS COUNTY OF | |
| On this day of me personally known and known to and acknowledged the signing of sar | , , before me personally appeared Samuel D. Hilbert to me to be the person who signed the foregoing Assignment me as his/her free act and deed. |
| | Notary Public |
| STATE OF SS COUNTY OF | |
| On this day of personally known and known to me acknowledged the signing of same a | , , before me personally appeared Bill J. Boone to me to be the person who signed the foregoing Assignment and s his/her free act and deed. |
| | Notary Public |

Assignment of Invention – Page 4 of 5

| STATE OF | Indiana |
|----------|----------------|
| | SS |
| COUNTY O | ss F Porter |

On this 6 day of august 3009, before me personally appeared B. Arlie Bogue to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Marshaf Elles Notary Public

STATE OF

SS

COUNTY OF

MARSHA J. ELLIS NOTARY PUBLIC SEAL STATE OF INDIANA My Comm. Expires October 01, 2016

On this day of , , before me personally appeared Pradeep Sanghvi to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF Indiana)
SS
COUNTY OF Porter

On this 6 day of august, IxI, before me personally appeared Madhusudan Hariharan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Y Nawha & Elles Notary Public

MARSHA J. ELLIS NOTARY PUBLIC SEAL STATE OF INDIANA My Comm. Expires October 01, 2016

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PATENT REEL: 039690 FRAME: 0616

RECORDED: 09/09/2016