

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3566280

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEORGE ANELLO CHIARELLO	07/23/2008
AYMAN SAHLI	08/14/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WYETH
<b>Street Address:</b>	FIVE GIRALDA FARMS
<b>City:</b>	MADISON
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07940
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14504738
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)888-7490
<i>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.</i>	
<b>Phone:</b>	703-394-2210
<b>Email:</b>	tcawleyjr@wcsr.com
<b>Correspondent Name:</b>	WOMBLE CARLYLE SANDRIDGE & RICE, LLP
<b>Address Line 1:</b>	P.O. BOX 7037
<b>Address Line 2:</b>	IP DOCKET DEPARTMENT
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30357-0037
<b>ATTORNEY DOCKET NUMBER:</b>	P194 1190US.C3 - 0466.6
<b>NAME OF SUBMITTER:</b>	THOMAS A. CAWLEY, JR., PH.D.
<b>SIGNATURE:</b>	/ thomas a cawley, jr/
<b>DATE SIGNED:</b>	10/09/2015
<b>Total Attachments: 7</b>	
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**PATENT**

**REEL: 036776 FRAME: 0792**

Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR:

(1) Full Name of Inventor: George Anello CHIARELLO  
Residence: 9 Timberline Drive, Morrisonville, NY 12962  
Citizenship: US

---

(2) Full Name of Inventor: Ayman SAHLI  
Residence: Hikma, Bayder Wadi Sair, P.O. Box 182400, Amman, Jordan 11118  
Citizenship: US

---

hereby sells, assigns and transfers to ASSIGNEE:

Wyeth  
Five Giralda Farms  
Madison, New Jersey 07940

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

**IMPROVED PROCESSES FOR MAKING HYDRAZIDES**

and which is found in

- (a) ☒ U.S. Application No. 12/123,777 filed on May 20, 2008  
(b) ☐ U.S. Patent No. issued on:

- ☒ I/we the ASSIGNOR signing below, hereby authorize and request insertion above of the application number and filing date, when they become known,

[Check (c) if foreign application(s) is also being assigned]

- (c) ☒ and any legal equivalent thereof in a foreign country,

including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, extension, or substitute thereof, and as to Letters Patent any reissue 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 authorizes ASSIGNEE to make applications for and to receive Letters Patent for said invention in any of said countries in its own name, or in ASSIGNOR'S name, at its election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefore and to, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any interference, litigation or proceeding related thereto and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns or other legal representatives, and that to, at any time, upon the request and at the expense of ASSIGNEE execute any continuations, continuations-in-part, divisional, renewal or substitute thereof, and as to Letters Patent and reissue or re-examination thereof, or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to its ASSIGNEE.

George Anello Chiarello  
George Anello CHIARELLO

23-July-2008  
Date

ACKNOWLEDGMENT

State of New York  
County of Clinton ss:

On the 23 day of July 2008, George Anello CHIARELLO personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

**KIM E. HENDERSON**  
Notary Public - State of New York  
No. 01-HE6034152  
Qualified in Clinton County  
My Commission Expires December 6, 2009

Kim E. Henderson  
Notary Public

Ayman SAHLI

Date

ACKNOWLEDGMENT

State of

ss:

County of

On the            day of            2008, Ayman SAHLI personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

Notary Public

Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR:

(1) Full Name of Inventor: George Anthony CHIARELLO  
Residence: 9 Timberline Drive, Morrisonville, NY 12962  
Citizenship: US

---

(2) Full Name of Inventor: Ayman SAHLI  
Residence: Hikma, Bayder Wadi Sair, P.O. Box 182400, Amman, Jordan 11118  
Citizenship: US

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Five Giralda Farms  
Madison, New Jersey 07940

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**IMPROVED PROCESSES FOR MAKING HYDRAZIDES**

and which is found in

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[Check (c) if foreign application(s) is also being assigned]

- (c) ☒ and any legal equivalent thereof in a foreign country,

including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, extension, or substitute thereof, and as to Letters Patent any reissue 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 authorizes ASSIGNEE to make applications for and to receive Letters Patent for said invention in any of said countries in its own name, or in ASSIGNOR'S name, at its election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefore and to, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any interference, litigation or proceeding related thereto and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns or other legal representatives, and that to, at any time, upon the request and at the expense of ASSIGNEE execute any continuations, continuations-in-part, divisional, renewal or substitute thereof, and as to Letters Patent and reissue or re-examination thereof, or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to its ASSIGNEE.

\_\_\_\_\_  
George Anthony CHIARELLO

\_\_\_\_\_  
Date

ACKNOWLEDGMENT

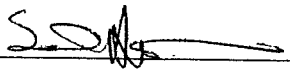
State of \_\_\_\_\_

ss:

County of \_\_\_\_\_

On the \_\_\_\_\_ day of \_\_\_\_\_, 2008, George Anthony CHIARELLO personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

\_\_\_\_\_  
Notary Public

  
\_\_\_\_\_  
Ayman SAHLI

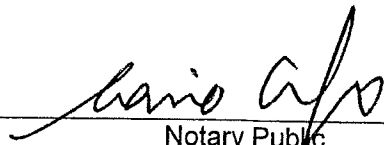
14 AUG 2008  
\_\_\_\_\_  
Date

ACKNOWLEDGMENT

State of Hashemite Kingdom of Jordan  
City of Amman  
County of Embassy of The United States of America SS:

On the 14<sup>th</sup> day of Aug. 2008, Ayman SAHLI personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

MARIO CRIFO  
VICE CONSUL

  
\_\_\_\_\_  
Notary Public

ANNEX

U.S. Patent Appln. No. 14/504,738 filed October 2, 2014  
This application is a continuation of U.S. Patent Appln. No. 13/755,886  
Issued as U.S. Patent No. 8,853,451

U.S. Patent Appln. No. 13/755,886 filed January 31, 2013  
This application is a continuation of U.S. Patent Appln. No. 13/360,220  
Issued as U.S. Patent No. 8,383,857

U.S. Patent Appln. No. 13/360,220 filed January 27, 2012  
This application is a continuation of U.S. Patent Appln. No. 12/123,777  
Issued as U.S. Patent No. 8,110,705