### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

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

#### **CONVEYING PARTY DATA**

| Name                 | Execution Date |
|----------------------|----------------|
| Paul J. Steinhardt   | 03/23/2009     |
| Paul Michael Chaikin | 03/25/2009     |
| Weining Man          | 03/30/2009     |

### **RECEIVING PARTY DATA**

| Name:           | The Trustees of Princeton University          |  |  |  |  |
|-----------------|---|--|--|--|--|
| Street Address: | New South Building, Fourth Floor, P.O. Box 36 |  |  |  |  |
| City:           | Princeton                                     |  |  |  |  |
| State/Country:  | NEW JERSEY                                    |  |  |  |  |
| Postal Code:    | 08544   |  |  |  |  |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13906792 |

## **CORRESPONDENCE DATA**

Fax Number: 4159570279

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4159575935

a a everson @medlencarroll.com, rldalton @medlencarroll.com, docketing @medlencarroll.comEmail:

Correspondent Medlen and Carroll, LLP Name:

Address Line 703 Market Street, Suite 340

Address Line

San Francisco, CALIFORNIA 94103

| ATTORNEY DOCKET NUMBER: | PRINCE-17576 |
|-------------------------|--------------|
| NAME OF SUBMITTER:      | Abby Everson |
|                         | PATENT       |

REEL: 030758 FRAME: 0239

**PATENT** 

| Signature:  | /abby everson/   |
|---|--|
| Date:   | 07/09/2013   |
|   | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 4 source=1595#page1.tif source=assign17399and16064final#page1. source=assign17399and16064final#page2. source=assign17399and16064final#page3. | tif  |

PATENT REEL: 030758 FRAME: 0240

Patent application S/N: 13/906,792 Attorney Docket No.: PRINCE-17576

Customer Number: 23535

|  | RECORDATION FO                | U.S. Department of Commerce  |  |  |  |  |
|--|-------------------------------|--|--|--|--|--|
| Form PTO-1595  | PATENT                        | Patent and Trademark Office  |  |  |  |  |
| To the Honorable Commission  | er of Patents and Trademarks: | Please record the attached origin  | nal documents or copy thereof.   |  |  |  |
| 1. Name of conveying party<br>Steinhardt, Paul J.<br>Chaikin, Paul Michael<br>Man, Weining   | (ies):                        | 2. Name and address of receiving party(ies): The Trustees of Princeton University 4 New South Building, Fourth Floor P.O. Box 36 Princeton, New Jersey 08544 |  |  |  |  |
| Additional name(s) of co   | nveying party(ies) attached?  | Additional name(s) & address(es) attached? No  |  |  |  |  |
| 3. Nature of conveyance: A Execution Date: 03/23/2009 03/25/2009 03/30/2009  | ssignment                     |  |  |  |  |  |
| 4. Title of Invention: Quasicrystalline Structures and Uses Thereof  |                               |  |  |  |  |  |
| A. New Patent App  | olication No.(s): 13/906,792  | B. Patent No.(   | s): N.A.   |  |  |  |
|  | Additional numb               | ers attached? No   |  |  |  |  |
|  | ty to whom correspondence     | 6. Total number of app   | lications and patents involved: 1  |  |  |  |
| concerning document sh  Peter G. Carroll  MEDLEN & CARROLL, LL   |                               | 7. Total fee(s): Payment in the amou (\$40 Recordation fee   | unt of \$40 is submitted   |  |  |  |
| 703 Market Street, Suite<br>San Francisco, Californi   |                               | 8. Deposit Account Au  | thorization:   |  |  |  |
|  |                               |  | s hereby authorized to charge any edit any overpayment to Deposit <b>0</b> .   |  |  |  |
| **************************************   | DO NOT USE                    | THIS SPACE   |  |  |  |  |
| 9. Statement and Signature:<br>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<br>original document. |                               |  |  |  |  |  |
| Date: <u>July 9, 2013</u>  |                               | Signature:   | Man 18   |  |  |  |
|  |                               | Name: Thomas C. Howerton   |  |  |  |  |
|  |                               | Reg. No.: 48, 650  | AND THE RESERVE OF THE PROPERTY OF THE PROPERT |  |  |  |

PATENT REEL: 030758 FRAME: 0241 In accordance with C.F.R. 1.63(d)(iv), the attached Assignment is to be used for Continuation Appln. Entitled: Quasicrystalline Structures and Uses

Thereof

Filed: 05/31/2013

Attorney Docket No. PRINCE-17576

PATENT
Attorney Docket No.: PRINCE-16064

# ASSIGNMENT

WHBRBAS, WE, Paul Joseph STEINHARDT, Paul Michael CHAIKIN, Weining MAN, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

Quasicrystalline Structures and Uses Thereof

Filing Date: 1/8/2008

Serial No.: 11/988,480

WHEREAS, Princeton University a New Jersey corporation having a place of business at The Trustees of Princeton University, Princeton University, Office of Research and Intellectual Property, 4 New South Building, P.O. Box 36, Princeton, NJ 08544, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEB's successors and assigns, all right, title and Interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, relssues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

| Paul Joseph Stat                | - <del>\$</del> | ぴ/.       | 23/09                                  |   |                            |
|---------------------------------|-----------------|-----------|--|---|----------------------------|
| Paul Joseph Steinhardt          |                 | ,         | Date                                   | Paul Michael Chaikin  | Date                       |
|                                 |                 |           |  |   |                            |
| Weining Man                     |                 |           | Date                                   |   |                            |
|                                 |                 |           |  |   |                            |
| STATE OF                        | <b>)</b>        |           |  | ·   |                            |
| COUNTY OF                       | )               | 88,       |  | •   |                            |
| On this                         | day of          | ·····     | ······································ | , in the year of  | , before me, the           |
| undersigned Notary Public or Wi | mess, persi     | onally ap | opeared the abov                       | re-named ASSIGNOR, known to me (or a bscribed to the within instrument, and act | proven to me on the basis. |
| •                               |                 |           |  | <u>.</u>  |                            |
| SEAL                            |                 |           |  | NOTARY PUBLIC/WITNESS   |                            |
|                                 |                 |           |  | MY COMMISSION EXPIRES:  | 40                         |

In accordance with C.F.R. 1.63(d)(iv), the attached Assignment is to be used for Continuation Appln. Entitled: Quasicrystalline Structures and Uses Thereof
Filed: 05/31/2013
Attorney Docket No. PRINCE-17576

PATENT Attorney Docket No.: PRINCE-16064

### ASSIGNMENT

WHEREAS, WE, Paul Joseph STEINHARDT, Paul Michael CHAIKIN, Weining MAN, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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Filing Date: 1/8/2008

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ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

| IN TESTIMONY V indicated below. | VHEREOF,                               | ASSIGN    | OR has hereun  | to signed ASSIGNOR's name to this Assignment on the date   |                         |  |
|---------------------------------|--|-----------|----------------|--|-------------------------|--|
| indiana conto (1)               |  |           |                | Paul Chaili  | 3/25/09                 |  |
| Paul Joseph Steinhardt          | ······································ |           | Date           | Paul Michael Chaikin   | Date                    |  |
|                                 |  |           |                |  |                         |  |
| Weining Man                     |  |           | Date           |  |                         |  |
| STATE OF                        | )                                      | · SS.     |                |  |                         |  |
| COUNTY OF                       | Ś                                      | 35,       |                |  |                         |  |
| undersigned Notary Public o     | e the person                           | ersonally | appeared the a | in the year of bove-named ASSIGNOR, known to me (or prosesubscribed to the within instrument, and acknowledge) | oven to me on the basis |  |
|                                 |  |           |                | NOTARY PUBLIC/WITNESS  | <del></del>             |  |
| SEAL                            |  |           |                | MY COMMISSION EXPIRES:   |                         |  |

In accordance with C.F.R. 1.63(d)(iv), the attached Assignment is to be used for Continuation Appln. Entitled: Quasicrystalline Structures and Uses

Thereof

Filed: 05/31/2013

Attorney Docket No. PRINCE-17576

PATENT
Attorney Docket No.: PRINCE-16064

# **ASSIGNMENT**

WHEREAS. WE, Paul Joseph STEINHARDT, Paul Michael CHAIKIN, Weining MAN, hereinafter referred to as "A SSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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Filing Date: 1/8/2008

Serial No.: 11/988,480

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IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

| Paul Joseph/Steinhardt         |                      | Date               | Paul Michael Chaikin  | Date                      |
|--------------------------------|----------------------|--------------------|---|---------------------------|
| Weining Man                    | C                    | 3/30/2005<br>Date  |   |                           |
| STATE OF CA                    | )<br>)<br>ss.        |                    |   |                           |
| undersigned Notary Public or W | itness, personally a | appeared the above | , in the year of<br>-named ASSIGNOR, known to me (or<br>scribed to the within instrument, and a | proven to me on the basis |
| SEAL                           |                      |                    | NOTARY PUBLIC/WITNESS   |                           |
|                                |                      |                    | MY COMMISSION EXPIRES:  |                           |

PATENT REEL: 030758 FRAME: 0244

**RECORDED: 07/09/2013**