

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT    |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
|---|-------------------|---------------|-----------------|----------------------------|-------------------|--------------------------|------------|----------------|------------|-----------------------|------------|---------------------|------------|--------------|------------|
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>CONVEYING PARTY DATA</b>   |                   |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joel Friedrich</td> <td>09/11/2009</td> </tr> <tr> <td>Sarah Reymond</td> <td>09/11/2009</td> </tr> <tr> <td>Adrien Brondex</td> <td>09/10/2009</td> </tr> <tr> <td>Jean Pierre Lefebvre</td> <td>09/14/2009</td> </tr> <tr> <td>Miguel Leleu</td> <td>09/14/2009</td> </tr> <tr> <td>Eric Lagarde</td> <td>09/11/2009</td> </tr> </tbody> </table> |                   | Name          | Execution Date  | Joel Friedrich             | 09/11/2009        | Sarah Reymond            | 09/11/2009 | Adrien Brondex | 09/10/2009 | Jean Pierre Lefebvre  | 09/14/2009 | Miguel Leleu        | 09/14/2009 | Eric Lagarde | 09/11/2009 |
| Name  | Execution Date    |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| Joel Friedrich  | 09/11/2009        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| Sarah Reymond   | 09/11/2009        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| Adrien Brondex  | 09/10/2009        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| Jean Pierre Lefebvre  | 09/14/2009        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| Miguel Leleu  | 09/14/2009        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| Eric Lagarde  | 09/11/2009        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>RECEIVING PARTY DATA</b>   |                   |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Harmonic Design</td> </tr> <tr> <td><b>Street Address:</b></td> <td>13367 Kirkham Way</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Suite 110</td> </tr> <tr> <td><b>City:</b></td> <td>Poway</td> </tr> <tr> <td><b>State/Country:</b></td> <td>CALIFORNIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>92064</td> </tr> </table>  |                   | <b>Name:</b>  | Harmonic Design | <b>Street Address:</b>     | 13367 Kirkham Way | <b>Internal Address:</b> | Suite 110  | <b>City:</b>   | Poway      | <b>State/Country:</b> | CALIFORNIA | <b>Postal Code:</b> | 92064      |              |            |
| <b>Name:</b>  | Harmonic Design   |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>Street Address:</b>  | 13367 Kirkham Way |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>Internal Address:</b>  | Suite 110         |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>City:</b>  | Poway             |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>State/Country:</b>   | CALIFORNIA        |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>Postal Code:</b>   | 92064             |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                   |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12496304</td> </tr> </tbody> </table>  |                   | Property Type | Number          | <b>Application Number:</b> | 12496304          |                          |            |                |            |                       |            |                     |            |              |            |
| Property Type   | Number            |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>Application Number:</b>  | 12496304          |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>CORRESPONDENCE DATA</b>  |                   |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <p>Fax Number: (619)235-0398</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6192381900</p> <p>Email: <a href="mailto:docketing@procopio.com">docketing@procopio.com</a></p> <p>Correspondent Name: PROCOPIO, CORY, HARGREAVES &amp; SAVITCH LLP</p> <p>Address Line 1: 530 B STREET</p> <p>Address Line 2: SUITE 2100</p> <p>Address Line 4: SAN DIEGO, CALIFORNIA 92101</p>   |                   |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 116543-1300UT     |               |                 |                            |                   |                          |            |                |            |                       |            |                     |            |              |            |

CH \$40.00 12496304

**500963184**

**PATENT**  
**REEL: 023236 FRAME: 0169**

NAME OF SUBMITTER:

Noel C. Gillespie

**Total Attachments: 5**

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**ASSIGNMENT**

WHEREAS, I the undersigned inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which an application for United States Letters and Patent is made, said application having been designated as set forth below and filed on or about the date set forth below; and

WHEREAS, **HARMONIC DESIGN** (hereinafter referred to as "Assignee"),

with an address of: 13367 Kirkham Way, Suite 110  
Poway, CA 92064  
United States of America

desires to acquire the entire right, title and interest in and to the inventions, and in and to the said application and any Letters Patent(s) that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said inventions and in and to said application and all patents which may be granted therefor, and all provisional applications related thereto and any divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the inventions disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said inventions and all rights to register said inventions in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful

oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said inventions in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

**Invention Name:** EXPANDING COUPLING MEANS FOR POWERED  
WINDOW COVERING

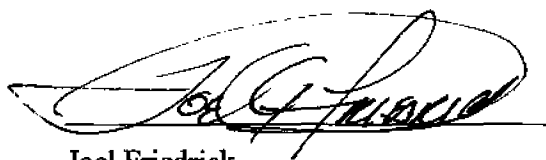
**Serial No.:** 12/496,304

**Date Filed:** July 1, 2009

I hereby grant NOEL C. GILLESPIE, Registration No. 47,596 and all practitioners with the firm of Procopio, Cory, Hargreaves & Savitch LLP (Customer Number 27189) with an office at 530 B Street, Suite 2100, San Diego, CA 92101, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned further declare that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

**Signature of Inventor:**



**Inventor(s) Name:** Joel Friedrich


**Residence:** San Diego, CA

**Citizenship:** United States

**Date:**

11 Sep 09

**Signature of Inventor:**



**Inventor(s) Name:**

Sarah Reymond

**Residence:**

San Diego, CA

**Citizenship:**

United States

**Date:**

9 / 11 / 09

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**Signature of Inventor:**

\_\_\_\_\_

**Inventor(s) Name:**

Adrien Brondex

**Residence:**

Domancy

**Citizenship:**

France

**Date:**

\_\_\_\_\_

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**Signature of Inventor:**

\_\_\_\_\_

**Inventor(s) Name:**

Jean Pierre Lefebvre

**Residence:**

Chatillon sur Cluses

**Citizenship:**

France

**Date:**

\_\_\_\_\_

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**Signature of Inventor:**

\_\_\_\_\_

**Inventor(s) Name:**

Miguel Leleu

**Residence:**

Les Carroz d'Araches

**Citizenship:**

France

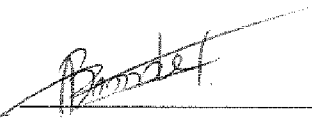
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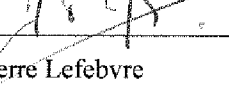
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**Signature of Inventor:** \_\_\_\_\_  
**Inventor(s) Name:** Sarah Reymond  
**Residence:** San Diego, CA  
**Citizenship:** United States  
**Date:** \_\_\_\_\_


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**Signature of Inventor:**  \_\_\_\_\_  
**Inventor(s) Name:** Adrien Brondex  
**Residence:** Domancy  
**Citizenship:** France  
**Date:** 10/09/09


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**Signature of Inventor:**  \_\_\_\_\_  
**Inventor(s) Name:** Jean Pierre Lefebvre  
**Residence:** Chatillon sur Cluses  
**Citizenship:** France  
**Date:** 14/09/09

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**Signature of Inventor:**  \_\_\_\_\_  
**Inventor(s) Name:** Miguel Leleu  
**Residence:** Les Carroz d'Araches  
**Citizenship:** France  
**Date:** 14/09/09

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Signature of Inventor:   
Inventor(s) Name: Eric Lagarde  
Residence: Sallanches  
Citizenship: France  
Date: 11.08.03

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