# PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| DAVID R. HALL | 06/22/2015     |

### **RECEIVING PARTY DATA**

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|-----------------|-------------------------|
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| City:           | PROVO                   |
| State/Country:  | UTAH                    |
| Postal Code:    | 84606                   |

### **PROPERTY NUMBERS Total: 50**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11306302 |
| Application Number: | 11307407 |
| Application Number: | 11772334 |
| Application Number: | 11860351 |
| Application Number: | 12051135 |
| Application Number: | 12145149 |
| Application Number: | 12169098 |
| Application Number: | 12979191 |
| Application Number: | 13231108 |
| Application Number: | 13233863 |
| Application Number: | 14198385 |
| Application Number: | 14244771 |
| Application Number: | 14245308 |
| Application Number: | 14245700 |
| Application Number: | 14245637 |
| Application Number: | 14245234 |
| Application Number: | 14245396 |
| Application Number: | 14245000 |
| Application Number: | 14245495 |
| Application Number: | 14245095 |
|                     |          |

PATENT REEL: 036179 FRAME: 0896

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| Property Type       | Number    |
|---------------------|-----------|
| Application Number: | 14245055  |
| Application Number: | 14245132  |
| Application Number: | 14278556  |
| Application Number: | 14323549  |
| Application Number: | 14323618  |
| Application Number: | 14461128  |
| Application Number: | 14461166  |
| Application Number: | 14532523  |
| Application Number: | 14533324  |
| Application Number: | 14533374  |
| Application Number: | 14533291  |
| Application Number: | 14533268  |
| Application Number: | 14533247  |
| Application Number: | 14577517  |
| Application Number: | 14662712  |
| Application Number: | 14682085  |
| Application Number: | 14682077  |
| Application Number: | 14682091  |
| Application Number: | 14683106  |
| Application Number: | 14682110  |
| Application Number: | 14682108  |
| Application Number: | 14683033  |
| Application Number: | 14683064  |
| Application Number: | 14682104  |
| Application Number: | 14682989  |
| Application Number: | 14683012  |
| Application Number: | 14682100  |
| Application Number: | 14702723  |
| PCT Number:         | US1516414 |
| PCT Number:         | US1528974 |

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> PATENT REEL: 036179 FRAME: 0897

| NAME OF SUBMITTER:                           | DANIEL P. NELSON   |  |
|--|--------------------|--|
| SIGNATURE:                                   | /Daniel P. Nelson/ |  |
| DATE SIGNED:                                 | 07/24/2015         |  |
| Total Attachments: 4                         |                    |  |
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| source=150622 NewVistas Assignment#page3.tif |                    |  |
| source=150622 NewVistas Assignment#page4.tif |                    |  |

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#### INTELLECTUAL PROPERTY ASSIGNMENT

WHEREAS, David R. Hall, hereinafter called the "Assignor," possesses the entire right, title, and interest in and to the United States and Patent Cooperation Treaty patents and patent applications listed in the Schedule attached hereto;

WHEREAS, NewVistas, LLC, whose address is 2185 Tracy Hall Parkway, Provo, Utah 84606, hereinafter called the "Assignee," desires to acquire the entire right, title, and interest in and to the patents and patent applications listed in the attached Schedule;

NOW, THEREFORE, for valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignor hereby sells, assigns, and transfers to the Assignee, the entire right, title, and interest in and to the patents and patent applications listed in the attached Schedule, any patents that may issue from such patent applications in the United States or other countries, and all continuations, divisions, renewals and extensions thereof to the full extent of the term or terms for all such patents.

The Assignor hereby covenants and agrees to assist the Assignee, his representatives, successors and assigns, in the prosecution of the patents and patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the subject matter of those patents and patent applications; in vesting in the Assignee exclusive title in and to all such other patents and patent applications; and in the prosecution of any interference which may arise involving such patents and patent applications; and the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

|    | IN TESTIMONY | WHEREOF, I have | duly executed this | Assignment on this | 22 | day |
|----|--------------|-----------------|--------------------|--------------------|----|-----|
| of | June         | _, 2015.        |                    |                    |    |     |

David R. Hall

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## **SCHEDULE**

| Docket<br># | Patent Name   | Filed Date  | Serial #   | Patent #  |
|-------------|---|-------------|------------|-----------|
| 85.0050     | Method for Conducting a Drywall Business                                      | 22 Dec 2005 | 11/306,302 |           |
| 85.0052     | Motor Vehicle for a Drywall Business  | 06 Feb 2006 | 11/307,407 |           |
| 85.0166     | Energy Storage  | 02 Jul 2007 | 11/772,334 | 7,600,376 |
| 85.0204     | Hydraulic Energy Storage in a Hose  | 24 Sep 2007 | 11/860,351 | 7,526,918 |
| 85.0248     | Agitator in a sewer system  | 19 Mar 2008 | 12/051,135 | 7,615,149 |
| 85.0269     | Steam Cleaner   | 24 Jun 2008 | 12/145,149 |           |
| 85.0268     | Water Closet  | 08 Jul 2008 | 12/169,098 | 7,984,520 |
| 85.0407     | Wall Assembly Comprising Panels Configured to Reside in an Overhead Structure | 27 Dec 2010 | 12/979,191 | 8,402,700 |
| 85.0436     | Capacitive Discharge Fuse Programming Apparatus and Method                    | 13 Sep 2011 | 13/231,108 | 8,405,448 |
| 85.0438     | Frame Members with Tab and Slot Connections                                   | 15 Sep 2011 | 13/233,863 | 8,398,159 |
| 85.0465     | Piston-Flush Toilet System  | 05 Mar 2014 | 14/198,385 |           |
| 85.0467     | Compact Motorized Lifting Device  | 03 Apr 2014 | 14/244,771 |           |
| 85.0473     | Accurate Position Tracking for Motorized Lifting Device                       | 04 Apr 2014 | 14/245,308 |           |
| 85.0477     | Grooved Drum and Associated Passive Guide for Motorized Lifting Device        | 04 Apr 2014 | 14/245,700 |           |
| 85.0476     | Grooved Drum and Associated Roller for Motorized Lifting Device               | 04 Apr 2014 | 14/245,637 |           |
| 85.0472     | Intelligent Motorized Lifting Device  | 04 Apr 2014 | 14/245,234 |           |
| 85.0474     | Load Distribution Management for Groups of Motorized Lifting Devices          | 04 Apr 2014 | 14/245,396 |           |
| 85.0468     | Locking Mechanism for Motorized Lifting Device                                | 04 Apr 2014 | 14/245,000 |           |
| 85.0475     | Motorized Lifting Device Conveying Power and/or Data                          | 04 Apr 2014 | 14/245,495 |           |
| 85.0470     | Motorized Lifting Device with Accurate Weight<br>Measuring Capability         | 04 Apr 2014 | 14/245,095 |           |
| 85.0469     | Motorized Lifting Device with Isolated Logistics and Power Electronics        | 04 Apr 2014 | 14/245,055 |           |
| 85.0471     | Synchronized Motorized Lifting Devices for Lifting Shared Loads               | 04 Apr 2014 | 14/245,132 |           |

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PATENT REEL: 036179 FRAME: 0900

| Docket<br>#     | Patent Name  | Filed Date  | Serial #   | Patent # |
|-----------------|--|-------------|------------|----------|
| 85.0478         | Heating, Ventilation, and Air Conditioning Seat<br>Assembly                          | 15 May 2014 | 14/278,556 |          |
| 85.0479         | Secure Remote Actuation System   | 03 Jul 2014 | 14/323,549 |          |
| 85.0480         | Secure Remote Actuation System   | 03 Jul 2014 | 14/323,618 |          |
| 85.0481         | Secure Remote Actuation System   | 15 Aug 2014 | 14/461,128 |          |
| 85.0482         | Secure Remote Actuation System   | 15 Aug 2014 | 14/461,166 | 73.00    |
| 85.0483         | Automated Tracking-Number Based Administration of Access Codes                       | 04 Nov 2014 | 14/532,523 |          |
| 85.0487         | Access Code Administration and Sharing   | 05 Nov 2014 | 14/533,324 |          |
| 85.0488         | Automated Access Code Expiration Based on Delivery Fulfillment                       | 05 Nov 2014 | 14/533,374 |          |
| 85.0486         | System and Method for Communicating and Authenticating an Access Code                | 05 Nov 2014 | 14/533,291 |          |
| 85.0485         | System and Method for Detecting Potentially<br>Unauthorized Access to an Enclosure   | 05 Nov 2014 | 14/533,268 |          |
| 85.0484         | Tracking-Number Extraction Facilitating Administration of Access Codes               | 05 Nov 2014 | 14/533,247 |          |
| 85.0489         | System and Method for Partially Opening an Access Barrier                            | 19 Dec 2014 | 14/577,517 |          |
| 85.0489-<br>PCT | Automated Tracking-Number Based Administration of Access Codes                       | 18 Feb 2015 | US15/16414 |          |
| 85.0490         | Fasteners Integrated into a Vehicle Frame  | 19 Mar 2015 | 14/662,712 |          |
| 85.0492         | Headrail Bracket for Installing a Motorized Gearbox<br>Assembly in a Window Covering | 08 Apr 2015 | 14/682,085 |          |
| 85.0491         | Motorized Gearbox Assembly with Through-Channel Design                               | 08 Apr 2015 | 14/682,077 |          |
| 85.0493         | Pull Cord for Controlling a Window Covering  | 08 Apr 2015 | 14/682,091 |          |
| 85.0502         | Calibration Technique for Automated Window Coverings                                 | 09 Apr 2015 | 14/683,106 |          |
| 85.0497         | Intelligent Window Covering Incorporating Climate Control Features                   | 09 Apr 2015 | 14/682,110 |          |
| 85.0496         | Intelligent Window Covering Incorporating Security Features                          | 09 Apr 2015 | 14/682,108 |          |

| Docket<br>#     | Patent Name   | Filed Date  | Serial #   | Patent # |
|-----------------|---|-------------|------------|----------|
| 85.0501         | Motorized Gearbox Assembly having a Direct-Drive Position Encoder         | 09 Apr 2015 | 14/683,033 |          |
| 85.0500         | Noise-Reducing Motorized Gearbox Assembly for Automating Window Coverings | 09 Apr 2015 | 14/683,064 |          |
| 85.0495         | Pull Cord with Integrated Charging Port                                   | 09 Apr 2015 | 14/682,104 |          |
| 85.0498         | Smart Device Position and Orientation Synchronization Function            | 09 Apr 2015 | 14/682,989 |          |
| 85.0499         | Universal Multi-Function Wall Switch                                      | 09 Apr 2015 | 14/683,012 |          |
| 85.0494         | Video Display Adapter for Controlling a Window Covering                   | 09 Apr 2015 | 14/682,100 |          |
| 85.0504         | Human Health Property Monitoring System                                   | 02 May 2015 | 14/702,723 |          |
| 85.0504-<br>PCT | Human Health Property Monitoring System                                   | 02 May 2015 | US15/28974 |          |

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PATENT REEL: 036179 FRAME: 0902

**RECORDED: 07/24/2015**