

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5715380

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICHOLAS SCHLEDER	05/08/2018
MICHAEL EUL	05/07/2018
CHAD PETERS	01/09/2019
HARI ATKURI	01/29/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARDINAL IG COMPANY
<b>Street Address:</b>	775 PRAIRIE CENTER DRIVE
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	EDEN PRAIRIE
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55344
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16407950
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)492-7077
<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>	612-492-7000
<b>Email:</b>	ip@fredlaw.com
<b>Correspondent Name:</b>	PAUL J. LAVANWAY, JR.
<b>Address Line 1:</b>	200 SOUTH SIXTH STREET
<b>Address Line 2:</b>	SUITE 4000
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	44046.103.425.2
<b>NAME OF SUBMITTER:</b>	PAUL J. LAVANWAY, JR.
<b>SIGNATURE:</b>	/Paul J. LaVanway, Jr./
<b>DATE SIGNED:</b>	09/11/2019
<b>Total Attachments: 8</b>	

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source=44046.103.425.2\_Executed Assignment#page8.tif

**ASSIGNMENT**

Whereas, Nicholas Schleder residing at 1398 Stanford Ave. Saint Paul, MN 55105; and Michael Eul, residing at 9750 Janero Ct N, Grant, MN 55115 (collectively "Assignor"), has made invention(s) for which United States and foreign patents and patent applications have been filed or will be filed and are identified on the attached Schedule 1;

Whereas, Cardinal IG Company, a Minnesota corporation having a place of business at 775 Prairie Center Drive, Suite 200, Eden Prairie, Minnesota 55344 ("Assignee"), desires to acquire the entire right, title and interest in and to the United States and foreign patents and patent applications identified on the attached Schedule 1 and in and to the inventions described or claimed therein (the "Scheduled Patents"); and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby assigns to Assignee, and its successors and assigns the following:

- (1) The entire right, title and interest to the Scheduled Patents, and to each U.S. and foreign patent application and patent to which the Scheduled Patents claim priority, in whole or in part, and that claim priority, in whole or in part, to the Scheduled Patents (the "Patents")
- (2) The entire right, title and interest to any United States or foreign patents that may issue with respect to the inventions described or claimed in the Patents;
- (3) The entire right, title and interest to any continuations, continuations-in-part, divisions, renewals, reissues, extensions, and substitutions of the Patents; and
- (4) The right to apply for patents based on the Patents in the U.S. and foreign countries in its own name and to claim any priority rights to which such applications are entitled under international conventions, treaties or otherwise; and
- (5) The right to enforce patent rights to the Patents as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment had not been made; together with all claims by Assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives.

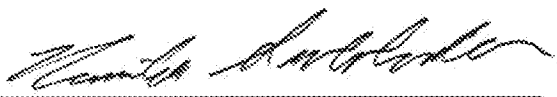
Assignor further agrees for itself and for its successors and assigns to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Assignee, its successors and assigns may deem necessary to fully secure, maintain and enforce its rights, title or interest as outlined herein.

Assignor hereby authorizes and requests the Commissioner of Patents to issue to Assignee any patents that may be granted in accordance with this Assignment.

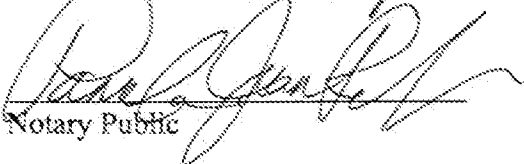
Assignor hereby authorizes attorneys associated with Customer No. 22859, of Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, Minnesota, 55402-1425, to insert the application numbers, filing dates, and other identifying information on Schedule 1 when known.

This Agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement. The signatures from each counterpart may be combined with a copy of the Agreement to constitute the entire Agreement.

Date: May 8<sup>th</sup>, 2018

  
\_\_\_\_\_  
Nicholas Schleder

Subscribed to and sworn to before  
me this 8 day of May, 2018.

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

Notary Seal

Notary Seal

Date: \_\_\_\_\_

\_\_\_\_\_  
Michael Eul

Subscribed to and sworn to before  
me this \_\_\_ day of \_\_\_\_\_, 2018.

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

Notary Seal

Assignor hereby authorizes attorneys associated with Customer No. 22859, of Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, Minnesota, 55402-1425, to insert the application numbers, filing dates, and other identifying information on Schedule I when known.

This Agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement. The signatures from each counterpart may be combined with a copy of the Agreement to constitute the entire Agreement.

Date: \_\_\_\_\_

\_\_\_\_\_  
Nicholas Schleder

Subscribed to and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 2018.

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

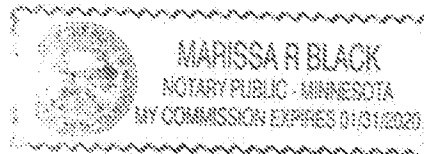
Notary Seal

Notary Seal  
Date: 03/07/2018

Michael Eul  
Michael Eul

Subscribed to and sworn to before me this 7<sup>th</sup> day of May, 2018.

Mariessa R Black  
Notary Public



Notary Seal

**SCHEDULE 1**

US Patent Applications

<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>
62/669,005	May 9, 2018	ELECTRICALLY CONTROLLABLE PRIVACY GLAZING WITH ENERGY RECAPTURING DRIVER	44046.103.425.1
16/407,950	May 9, 2019	ELECTRICALLY CONTROLLABLE PRIVACY GLAZING WITH ENERGY RECAPTURING DRIVER	44046.103.425.2

US Patents

<b>Patent No.</b>	<b>Date Issued</b>	<b>Title</b>

Foreign and International Patent Applications

<b>Country</b>	<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>

Foreign Patents

<b>Country</b>	<b>Patent No.</b>	<b>Date of Issue</b>	<b>Title</b>

63920903 v1

**ASSIGNMENT**

Whereas, Chad Peters, residing at 2931 179<sup>th</sup> Street East, Prior Lake, MN 55372; and Hari Atkuri, residing at 5012 Fountain Lane North, Plymouth, MN 55446 (collectively "Assignor"), have made invention(s) for which United States and foreign patents and patent applications have been filed or will be filed and are identified on the attached Schedule 1;

Whereas, Cardinal IG Company, a Minnesota corporation having a place of business at 775 Prairie Center Drive, Suite 200, Eden Prairie, Minnesota 55344 ("Assignee"), desires to acquire the entire right, title and interest in and to the United States and foreign patents and patent applications identified on the attached Schedule 1 and in and to the inventions described or claimed therein (the "Scheduled Patents"); and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby assigns to Assignee, and its successors and assigns the following:

- (1) The entire right, title and interest to the Scheduled Patents, and to each U.S. and foreign patent application and patent to which the Scheduled Patents claim priority, in whole or in part, and that claim priority, in whole or in part, to the Scheduled Patents (the "Patents")
- (2) The entire right, title and interest to any United States or foreign patents that may issue with respect to the inventions described or claimed in the Patents;
- (3) The entire right, title and interest to any continuations, continuations-in-part, divisions, renewals, reissues, extensions, and substitutions of the Patents; and
- (4) The right to apply for patents based on the Patents in the U.S. and foreign countries in its own name and to claim any priority rights to which such applications are entitled under international conventions, treaties or otherwise; and
- (5) The right to enforce patent rights to the Patents as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment had not been made; together with all claims by Assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives.

Assignor further agrees for itself and for its successors and assigns to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Assignee, its successors and assigns may deem necessary to fully secure, maintain and enforce its rights, title or interest as outlined herein.

Assignor hereby authorizes and requests the Commissioner of Patents to issue to Assignee any patents that may be granted in accordance with this Assignment.

Assignor hereby authorizes attorneys associated with Customer No. 22859, of Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, Minnesota, 55402-1425, to insert the application numbers, filing dates, and other identifying information on Schedule 1 when known.

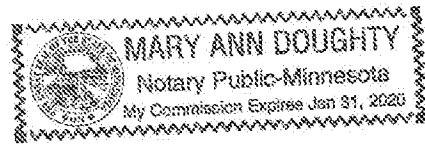
This Agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement. The signatures from each counterpart may be combined with a copy of the Agreement to constitute the entire Agreement.

Date: 01/09/2019

*Chad Peters*  
Chad Peters

Subscribed to and sworn to before me this 9<sup>th</sup> day of January, 2019.

*Mary Ann Doughty*  
Notary Public



Notary Seal

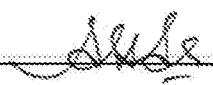
Witnessed:

\_\_\_\_\_  
(Name):


\_\_\_\_\_  
(Name):



Date: Jan. 29<sup>th</sup>, 2019

  
Hari Atkuri

Subscribed to and sworn to before  
me this 29 day of Jan, 2019.

  
Notary Public

Notary Seal

**SCHEDULE 1**

US Patent Applications

<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>
62/669,005	May 9, 2018	ELECTRICALLY CONTROLLABLE PRIVACY GLAZING WITH ENERGY RECAPTURING DRIVER	44046.103.425.1
16/407,950	May 9, 2019	ELECTRICALLY CONTROLLABLE PRIVACY GLAZING WITH ENERGY RECAPTURING DRIVER	44046.103.425.2

US Patents

<b>Patent No.</b>	<b>Date Issued</b>	<b>Title</b>

Foreign and International Patent Applications

<b>Country</b>	<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>

Foreign Patents

<b>Country</b>	<b>Patent No.</b>	<b>Date of Issue</b>	<b>Title</b>

64801866 v1