

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM565269

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
GED Purchaser, Inc.		03/04/2020	Corporation: DELAWARE
GED Integrated Holdings, Inc.		03/04/2020	Corporation: DELAWARE
GED Integrated Solutions, Inc.		03/04/2020	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	TCF National Bank		
<b>Street Address:</b>	71 S. Wacker Drive, Suite 2110		
<b>City:</b>	Chicago		
<b>State/Country:</b>	ILLINOIS		
<b>Postal Code:</b>	60606		
<b>Entity Type:</b>	National Bank: UNITED STATES		
<b>PROPERTY NUMBERS Total: 13</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	2008673	GED	
<b>Registration Number:</b>	3220426	GED	
<b>Registration Number:</b>	3220425	GED INTEGRATED SOLUTIONS	
<b>Registration Number:</b>	2206474	GEDUSA	
<b>Registration Number:</b>	2238727	INTERGRID	
<b>Registration Number:</b>	2757073	LEANNET	
<b>Registration Number:</b>	2863983	REMAKENOW	
<b>Registration Number:</b>	4696110	ROBOCLEAN	
<b>Registration Number:</b>	5692627	ROBOFLOW	
<b>Registration Number:</b>	4060218	THINPLATE	
<b>Registration Number:</b>	1976701	WIN IG	
<b>Registration Number:</b>	2252590	WINFRAME	
<b>Registration Number:</b>	2268322	WINGRID	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>			
<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>			

OP \$340.00 2008673

TRADEMARK

**Email:** jbleskin@schiffhardin.com  
**Correspondent Name:** Jennifer Bleskin  
**Address Line 1:** 233 S. Wacker Drive, Suite 7100  
**Address Line 2:** Schiff Hardin LLP  
**Address Line 4:** Chicago, ILLINOIS 60606

<b>NAME OF SUBMITTER:</b>	Jennifer Bleskin
<b>SIGNATURE:</b>	/s/ Jennifer Bleskin
<b>DATE SIGNED:</b>	03/04/2020

**Total Attachments: 29**

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**PATENT, COPYRIGHT, LICENSE AND TRADEMARK SECURITY AGREEMENT**

THIS PATENT, COPYRIGHT, LICENSE AND TRADEMARK SECURITY AGREEMENT ("Agreement") is made as of March 4, 2020 by GED Purchaser, Inc., a Delaware corporation ("Holdings"), GED Integrated Holdings, Inc., a Delaware corporation ("Intermediate Holdings"), and GED Integrated Solutions, Inc., a Delaware corporation ("Borrower"; Holdings, Intermediate Holdings and Borrower are referred to herein, collectively, as "Obligors" and, individually, as an "Obligor"), in favor of TCF National Bank ("Lender").

**WITNESSETH:**

**WHEREAS**, Obligors and Lender have entered into that certain Credit Agreement dated as of March 4, 2020 (as amended, restated, modified or supplemented from time to time, the "Credit Agreement"); and

**WHEREAS**, it is a condition to the effectiveness of the Credit Agreement and any extensions of credit to or for the benefit of Borrower thereunder that, among other things, each Obligor execute and deliver to Lender this Agreement;

**NOW, THEREFORE**, in consideration of the premises set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Obligor agrees as follows:

**1. Credit Agreement.** This Agreement is being entered into in connection with and pursuant to the Credit Agreement. Terms used herein which are not defined herein but are defined in the Credit Agreement shall have the meanings ascribed to them therein.

**2. Grant of Security Interest, Etc.** To secure the complete and timely satisfaction of all of each Obligor's Liabilities each Obligor hereby grants to the Lender a security interest in and to all of such Obligor's right, title and interest in, to and under all of the following, whether now existing or hereafter arising:

(i) patents and patent applications, including, without limitation, the inventions and improvements described and claimed therein, and those patents and patent applications listed on Schedule A attached hereto and made a part hereof, and (a) the reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof, (b) all income, royalties, damages and payments now and hereafter due and/or payable under and with respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (c) the right to sue for past, present and future infringements thereof, and (d) all rights corresponding thereto throughout the world (all of the foregoing patents and applications, together with the items described in clauses (a) through (d), inclusive, in which such Obligor now or hereafter has any right, title or interest are sometimes hereinafter individually and/or collectively referred to as the "Patents");

(ii) all copyrights, copyright registrations and copyright applications including, without limitation, the copyrights and applications listed on Schedule B attached hereto and made a part hereof, and (a) renewals thereof, (b) all income, royalties, damages and payments now and hereafter due and/or payable with respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (c) the right to sue for past, present and future infringements thereof, and (d) all rights corresponding thereto throughout the world (all of the foregoing copyrights, copyright registrations and copyright applications, together with the items described in clauses (a) through (d), inclusive, in which such Obligor now or hereafter has any right, title or interest are sometimes hereinafter individually and/or collectively referred to as the "Copyrights");

(iii) all such Obligor's rights and obligations pursuant to its license agreements with any other Person or Persons with respect to any Patents and Copyrights, whether such Obligor is a licensor or licensee under any such license agreements, including, without limitation, the licenses listed on Schedule C attached hereto and made a part hereof, and, subject to the terms of such licenses, the right to prepare for sale, sell and advertise for sale, all Inventory now or hereafter owned by such Obligor and now or hereafter covered by such licenses (all of the foregoing is hereinafter referred to collectively as the "Patent and Copyright Licenses");

(iv) all service marks, trademarks, trademark or service mark registrations, trademark or service mark applications, domain names and trade names including, without limitation, the trademarks and service marks listed on Schedule D attached hereto and made a part hereof, and (a) renewals thereof, (b) all income, royalties, damages and payments now and hereafter due and/or payable with respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (c) the right to sue for past, present and future infringements thereof, and (d) all rights corresponding thereto throughout the world (all the foregoing service marks, trademarks, registrations, applications and trade names, together with the items described in clauses (a) through (d), inclusive, with respect thereto in which such Obligor now or hereafter has any right, title or interest are sometimes hereinafter and/or collectively referred to as the "Marks");

(v) all such Obligor's rights and obligations pursuant to its license agreements with any other Person or Persons with respect to any Marks, whether such Obligor is a licensor or licensee under any such license agreements, including, without limitation, the licenses listed on Schedule E attached hereto and made a part hereof, and, subject to the terms of such licenses, the right to prepare for sale, sell and advertise for sale, all Inventory now or hereafter owned by such Obligor and now or hereafter covered by such licenses (all of the foregoing is hereinafter referred to as "Trademark Licenses"; Patent and Copyright Licenses and Trademark Licenses are hereinafter referred to collectively as "Licenses"); and

(vi) the goodwill of such Obligor's business connected with and symbolized by the Marks;

provided, however, that there shall be excluded from the foregoing grant of security interest all Excluded Property (as such term is defined in the Security Agreement).

**3. Restrictions on Future Agreements.** Subject to the provisions of the Credit Agreement, each Obligor agrees and covenants that until the Liabilities (other than (i) Unasserted Contingent Indemnification Claims, and (ii) Banking Services Liabilities that have been cash collateralized in amounts, and pursuant to agreements, in form and substance satisfactory to Lender) shall have been satisfied in full and the Lender's commitments to extend credit under the Credit Agreement shall have been terminated, such Obligor will not, without Lender's prior written consent, take any action or enter into any agreement, including, without limitation entering into any license agreement (except any license agreement entered into in the Ordinary Course of Business and not in violation of any Royalty Document), which is inconsistent with such Obligor's obligations under this Agreement, and each Obligor further agrees and covenants that without Lender's prior written consent it will not take any action, or permit any action to be taken by others subject to its control, including its licensees, or fail to take any action which would affect the validity or enforcement or nature of the rights transferred to Lender under this Agreement unless and to the extent that such Obligor has concluded in the exercise of reasonable commercial judgment that any such rights do not relate to any Royalty Document and are no longer of material importance to the business of such Obligor. Each Obligor agrees and covenants not to sell or assign its interest in, or grant any license under, the Patents, Marks, Copyrights or Licenses, without receiving the prior written consent of Lender thereto except with respect to any such sales, assignments or grants made in the Ordinary Course of Business to the extent that such sales, assignments or grants do not relate to any Patents, Marks, Copyrights or License that are the subject of any Royalty Document and would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. Notwithstanding the foregoing, no Obligor shall take any action in violation of the Credit Agreement, the Security Agreement or any Royalty Document.

**4. Certain Covenants, Representations and Warranties of each Obligor.** Except as otherwise set forth in the Schedules hereto, each Obligor covenants, represents and warrants (to the best of such Obligor's knowledge with respect to any Patents, Marks and Copyrights which are licensed by third parties to such Obligor) that: (i) the Patents, Marks, Copyrights and Licenses are subsisting, have not been adjudged invalid or unenforceable in whole or in part, and are not currently being challenged in any way; (ii) none of the Patents, Marks, Copyrights and Licenses that is material to such Obligor's business or the Royalty Agreement have lapsed or expired or have been abandoned, whether due to any failure to pay any maintenance or other fees or make any filing or otherwise (except as a result of expiration at the end of their non-renewable statutory terms); (iii) each of the Patents, Marks and Copyrights (other than applications therefor) that is material to such Obligor's business is valid and enforceable and such Obligor is unaware of any invalidating prior art (including public uses and sales) relative to such Patents, and is unaware of any impairments to such Patents, Marks or Copyrights which would have a material adverse effect on the validity and/or enforceability of such Patents, Marks or Copyrights; (iv) to the best of such Obligor's knowledge, no claim has been made that the use of any of the Patents, Marks, Copyrights or Licenses constitutes an infringement of a third party's rights in any material respect; (v) such Obligor owns the entire right, title and interest in and to each of the Patents, Marks and Copyrights (other than those being licensed to such Obligor pursuant to the Licenses) free and clear of any Liens and encumbrances of every kind and nature, and the Licenses are valid and subsisting licenses with respect to the Patents, Marks, Copyrights described therein, free and clear of any Liens and encumbrances of every kind and nature arising by, through or under such Obligor, in each case except for (A) rights granted by such Obligor

pursuant to the applicable licenses listed on Schedules C and E, and (B) Permitted Liens; (vi) the Patents, Marks and Copyrights and Licenses listed on Schedules A, B, C, D and E constitute all such items that are the subject of any registration or application for registration owned by such Obligor as of the date hereof and Schedules C and E set forth all material Licenses to which such Obligor is a party as of the date hereof; (vii) such Obligor has the unqualified right to enter into this Agreement and perform its terms; (viii) such Obligor will use proper statutory notice in connection with its use of the Patents, Marks and Copyrights (except as to any thereof which is no longer material to such Obligor's business) to the extent necessary to maintain its rights therein; and (ix) such Obligor will use standards of quality in its manufacture of products sold under the Marks substantially consistent with those currently employed by it.

**5. New Patents, Marks, Copyrights and Licenses.** If, before the Liabilities (other than (i) Unasserted Contingent Indemnification Claims, and (ii) Banking Services Liabilities that have been cash collateralized in amounts, and pursuant to agreements, in form and substance satisfactory to Lender) shall have been satisfied in full and the Lender's commitments to extend credit under the Credit Agreement shall have been terminated, any Obligor shall (i) obtain rights to any new patentable inventions, trademarks, service marks, trademark or service mark registrations, copyrights, copyright registrations, trade names or licenses, or (ii) become entitled to the benefit of any patent, trademark or service mark application, trademark, service mark, trademark or service mark registration, copyrights, copyright registrations, license or license renewal, or patent for any reissue, division, continuation, renewal, extension, or continuation-in-part of any Patent or any improvement on any Patent, the provisions of Section 2 above shall automatically apply thereto and such Obligor shall give to Lender prompt written notice thereof. Each Obligor hereby authorizes Lender to modify this Agreement by noting any future acquired Patents, Marks, Copyrights on Schedule A, B or D and any Licenses and licensed Patents, Marks or Copyrights on Schedules C or E, as applicable; provided, however, that the failure of Lender to make any such notation shall not limit or affect the obligations of any Obligor or rights of Lender hereunder.

**6. Royalties; Terms.** Each Obligor hereby agrees that the security interest of Lender in all Patents, Marks, Copyrights and Licenses as described above shall be worldwide (or in the case of the Patents, Marks and Copyrights licensed to an Obligor such smaller geographic location if any is specified for such Obligor's use in the applicable License) and, without any liability for royalties or other related charges from Lender to such Obligor. The term of the security interest granted herein shall extend until the earlier of (i) the expiration of each of the respective Patents, Marks, Copyrights and Licenses assigned hereunder, or (ii) satisfaction in full of the Liabilities (other than (i) Unasserted Contingent Indemnification Claims, and (ii) Banking Services Liabilities that have been cash collateralized in amounts, and pursuant to agreements, in form and substance satisfactory to Lender) and termination of Lender's commitment to extend credit under the Credit Agreement.

**7. Inspection.** In accordance with the terms of the Credit Agreement, Lender shall have the right to inspect any Obligor's premises and to examine any Obligor's books, records and operations, including, without limitation, any Obligor's quality control processes. From and after the occurrence and during the continuance of a Default and notice by Lender to each Obligor of Lender's intention to enforce its rights and claims against any of the Patents, Marks, Copyrights and Licenses, each Obligor agrees that Lender, or a conservator appointed by Lender,

shall have the right to establish such additional product quality controls as Lender or said conservator, in its sole judgment, may deem necessary to assure maintenance of the quality of products sold by such Obligor under the Marks consistent with the quality of products now manufactured by such Obligor.

**8. Termination of Each Obligor's Interest.** This Agreement is made for collateral purposes only. Upon satisfaction in full of the Liabilities (other than (i) Unasserted Contingent Indemnification Claims, and (ii) Banking Services Liabilities that have been cash collateralized in amounts, and pursuant to agreements, in form and substance satisfactory to Lender) and termination of Lender's commitment to extend credit under the Credit Agreement, subject to any disposition thereof which may have been made by Lender pursuant hereto or pursuant to any of the other Financing Agreements, the security interest granted hereunder shall automatically be extinguished. Lender shall, at the request of any Obligor and at each Obligor's reasonable expense, execute and deliver to such Obligor, all termination statements and other instruments as may be necessary or proper to evidence the termination of Lender's security interest granted to Lender pursuant to this Agreement, subject to any disposition thereof which may have been made by Lender pursuant hereto or pursuant to any of the other Financing Agreements. Any such termination statements and instruments shall be without recourse upon or warranty by Lender.

**9. Duties of the Obligors.** Except to the extent the same is no longer material to such Obligor's business, each Obligor shall have the duty, as determined in such Obligor's reasonable discretion, (i) to prosecute diligently any application with respect to Patents, material Marks and material Copyrights, in each case pending as of the date hereof or hereafter, (ii) to make application on unpatented but patentable inventions and on registerable but unregistered trademarks, service marks and copyrights, and (iii) to preserve, maintain and enforce against infringement all material rights in patent applications and patents constituting the Patents, in material trademark or service mark applications, trademarks, service marks, and trademark or service mark registrations constituting the Marks, and in material copyright applications, copyrights and copyright registrations constituting the Copyrights. Any expenses incurred in connection with the foregoing (including, but not limited to, maintenance or renewal fees) shall be borne by the Obligors. Except to the extent the same is no longer material to such Obligor's business, each Obligor shall not abandon any pending patent application, trademark application, copyright application, service mark application, patent, trademark, service mark or copyright without the written consent of Lender.

**10. Lender's Right to Sue.** From and after the occurrence and during the continuance of a Default, Lender shall have the right, but shall in no way be obligated, to bring suit in its own name to enforce the Patents, the Marks, the Copyrights and the Licenses, and any licenses thereunder, and, if Lender shall commence any such suit, each Obligor shall, at the request of Lender, do any and all lawful acts and execute any and all proper documents reasonably required by Lender in aid of such enforcement, and each Obligor shall promptly, upon demand, reimburse and indemnify Lender for all reasonable costs and expenses incurred by Lender in the exercise of its rights under this Section 10.

**11. Waivers.** No course of dealing between any Obligor and Lender, nor any failure to exercise, nor any delay in exercising, on the part of Lender, any right, power or privilege

hereunder shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege hereunder or thereunder preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

**12. Severability.** The provisions of this Agreement are severable, and if any clause or provision shall be held invalid and unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause or provision, or part thereof, in such jurisdiction, and shall not in any manner affect such clause or provision in any other jurisdiction, or any other clause or provision of this Agreement in any jurisdiction.

**13. Modification.** This Agreement cannot be altered, amended or modified in any way, except as specifically provided in Section 5 hereof or by a writing signed by the parties hereto.

**14. Further Assurances.** Each Obligor shall execute and deliver to Lender, at any time or times hereafter at the request of Lender, all papers (including, without limitation, any as may be deemed desirable by Lender for filing or recording with any Patent and Trademark Office, and any successor thereto) and take all such actions (including, without limitation, paying the cost of filing or recording any of the foregoing in all public offices reasonably deemed desirable by Lender), as Lender may request, to evidence Lender's interest in the Patents, Marks, Copyrights and Licenses and the goodwill associated therewith and enforce Lender's rights under this Agreement.

**15. Cumulative Remedies; Power of Attorney; Effect on Financing Agreements.** All of Lender's rights and remedies with respect to the Patents, Marks, Copyrights and Licenses, whether established hereby, by any of the Financing Agreements or otherwise, or by any other agreements or by law shall be cumulative and may be exercised singularly or concurrently. Each Obligor hereby constitutes and appoints Lender as such Obligor's true and lawful attorney-in-fact, with full power of substitution in the premises, with power at any time after the occurrence and during the continuance of a Default, to (i) endorse such Obligor's name on all applications, documents, papers and instruments determined by Lender as necessary or desirable for Lender in the use of the Patents, Marks, Copyrights and Licenses, (ii) take any other actions with respect to the Patents, Marks, Copyrights and Licenses as Lender deems in good faith to be in the best interest of Lender, (iii) grant or issue any exclusive or non-exclusive license under the Patents, Marks or Copyrights to any Person, or (iv) assign, pledge, convey or otherwise transfer title in or dispose of the Patents, Marks, Copyrights or Licenses to any Person. Each Obligor hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney shall be irrevocable until the Liabilities (other than (i) Unasserted Contingent Indemnification Claims, and (ii) Banking Services Liabilities that have been cash collateralized in amounts, and pursuant to agreements, in form and substance satisfactory to Lender) shall have been satisfied in full and the Lender's commitments to extend credit under the Credit Agreement shall have been terminated. Each Obligor acknowledges and agrees that this Agreement is not intended to limit or restrict in any way the rights and remedies of Lender under the Credit Agreement or any of the Financing Agreements but rather is intended to facilitate the exercise of such rights and remedies. Lender shall have, in addition to all other rights and remedies given it by the terms of this Agreement, all rights and remedies allowed by law and the rights and remedies of a secured party under the Uniform Commercial Code as enacted in any jurisdiction



in which the Patents, Marks, Copyrights or Licenses may be enforced. Each Obligor hereby releases the Lender from any and all claims, causes of action and demands at any time arising out of or with respect to any actions taken or omitted to be taken by the Lender under the powers of attorney granted herein.

**16. Binding Effect; Benefits.** This Agreement shall be binding upon each Obligor and its respective successors and assigns and shall inure to the benefit of Lender and its respective successors, assigns and nominees.


**17. Governing Law.** THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH, AND ANY DISPUTE BETWEEN THE PARTIES HERETO ARISING OUT OF, CONNECTED WITH, RELATED TO, OR INCIDENTAL TO THE RELATIONSHIP ESTABLISHED BETWEEN THEM IN CONNECTION WITH THIS AGREEMENT, AND WHETHER ARISING IN CONTRACT, TORT, EQUITY, OR OTHERWISE, SHALL BE RESOLVED IN ACCORDANCE WITH THE INTERNAL LAWS OF THE STATE OF NEW YORK (INCLUDING SECTIONS 5-1401 AND 5-1402 OF THE NEW YORK GENERAL OBLIGATIONS LAW, BUT EXCLUDING ALL OTHER CHOICE OF LAW AND CONFLICTS OF LAW RULES).

**18. Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. The delivery of an executed counterpart of a signature page or acceptance to this Agreement by telecopier or other electronic transmission shall be effective as delivery of a manually executed counterpart of this Agreement.


[signature page follows]

IN WITNESS WHEREOF, the parties hereto have entered into this Patent, Copyright, License and Trademark Security Agreement as of the date first above written.


**GED PURCHASER, INC.**

By:   
Name: William Weaver  
Title: President

**GED INTEGRATED HOLDINGS, INC.**

By:   
Name: William Weaver  
Title: President

**GED INTEGRATED SOLUTIONS, INC.**

By:   
Name: William Weaver  
Title: President

The undersigned accepts and agrees to the foregoing Patent, Copyright, License and Trademark Security Agreement as of the date first written above.

**TCF NATIONAL BANK**

By: \_\_\_\_\_  
Name: KC Beuker  
Title: Senior Vice President

**IN WITNESS WHEREOF**, the parties hereto have entered into this Patent, Copyright, License and Trademark Security Agreement as of the date first above written.

**GED PURCHASER, INC.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**GED INTEGRATED HOLDINGS, INC.**


By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**GED INTEGRATED SOLUTIONS, INC.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

The undersigned accepts and agrees to the foregoing Patent, Copyright, License and Trademark Security Agreement as of the date first written above.

**TCF NATIONAL BANK**

By:  \_\_\_\_\_  
Name: KC Beuker  
Title: Senior Vice President

Schedule A  
Patents and Patent Applications

<i>Title</i>	<i>Country</i>	<i>Case Type</i>	<i>Status</i>	<i>Application No.</i>	<i>Filing Date</i>	<i>Patent No.</i>	<i>Patent Date</i>
AIR KNIFE	US	ORD	Granted	10/352010	27-Jan-2003	6742285	01-Jun-2004
AIR KNIFE AND CONVEYOR SYSTEM	CA	ORD	Granted	2422479	18-Mar-2003	2422479	25-Feb-2014
AIR KNIFE AND CONVEYOR SYSTEM	CA	DIV	Granted	2828542	18-Mar-2003	2828542	16-Feb-2016
APPARATUS AND METHOD FOR PROCESSING SEALANT OF AN INSULATING GLASS UNIT	US	DIV	Granted	13/968621	16-Aug-2013	9834980	05-Dec-2017
APPARATUS AND METHOD FOR SEALING AN IGU	US	ORD	Granted	14/645579	12-Mar-2015	10352091	16-Jul-2019
APPARATUS FOR EFFICIENT ASSEMBLY OF MULTI-PANE INSULATING GLASS WINDOWS	US	DIV	Granted	14/334895	18-Jul-2014	9534439	03-Jan-2017
APPARATUS FOR PROCESSING SEALANT OF AN INSULATING GLASS UNIT	CA	DIV	Granted	2814739	26-Jun-2003	2814739	20-Oct-2015
AUTOMATED SPACER FRAME FABRICATION	US	ORD	Granted	13/157827	10-Jun-2011	9279283	08-Mar-2016
AUTOMATED SPACER FRAME FABRICATION	CA	DIV	Allowed	2807032	08-Jul-2011	2807032	19-Feb-2019
AUTOMATED SPACER FRAME FABRICATION	CA	ORD	Granted	2745772	08-Jul-2011	2745772	11-Jun-2013
AUTOMATED SPACER FRAME FABRICATION	EP	ORD	Published	11173368.9	08-Jul-2011		
AUTOMATED SPACER FRAME FABRICATION	CA	DIV	Published	3030123	08-Jul-2011		
AUTOMATED SPACER FRAME FABRICATION	MX	ORD	Pending	MX/A/2011/007590	15-Jul-2011		
AUTOMATED SPACER FRAME FABRICATION	MX	DIV	Pending	MX/A/2018/006892	15-Jul-2011		
AUTOMATED SPACER FRAME	US	DIV	Granted	15/013392	02-Feb-2011	10369617	06-Aug-





EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	CZ	EPC	Granted	10161484.0	29-Apr-2010	2253791	01-Nov-2017
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	DE	EPC	Granted	10161484.0	29-Apr-2010	2253791	01-Nov-2017
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	GB	EPC	Granted	10161484.0	29-Apr-2010	2253791	01-Nov-2017
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	HU	EPC	Granted	10161484.0	29-Apr-2010	2253791	01-Nov-2017
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	IE	EPC	Granted	10161484.0	29-Apr-2010	2253791	01-Nov-2017
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	PL	EPC	Granted	10161484.0	29-Apr-2010	2253791	01-Nov-2017
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	CA	ORD	Granted	2703434	11-May-2010	2703434	02-Jan-2018
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	US	ClP	Granted	13/292473	09-Nov-2011	8813337	26-Aug-2014
EFFICIENT ASSEMBLY OF TRIPLE PANE WINDOWS	US	DIV	Granted	14/249776	10-Apr-2014	9416583	16-Aug-2016
ENCODER SEALANT LINE WITH WEAR RESISTENT BELT	US	PRO	Pending	62/620118	22-Jan-2018		
ENCODER SEALANT LINE WITH WEAR RESISTENT BELT	US	PRO	Pending	62/758856	12-Nov-2018		
FILE TRANSLATOR SYSTEM	US	ORD	Granted	14/937168	10-Nov-2015	10414051	17-Sep-2019
FILE TRANSLATOR SYSTEM	CA	PCT	Published	2968234	11-Nov-2015		
FILE TRANSLATOR SYSTEM	EP	PCT	Published	15861178.0	11-Nov-2015		
FILE TRANSLATOR SYSTEM	MX	PCT	Published	MX/A/2017/006484	11-Nov-2015		
FLEXIBLE CLIP	CA	DIV	Granted	2842274	10-Feb-2006	2842274	07-Mar-2017
FLEXIBLE FILM APPLICATION FOR DECORATIVE COATINGS	US	PRI	Granted	12/855798	13-Aug-2010	8460489	11-Jun-2013
FLEXIBLE FILM APPLICATION FOR DECORATIVE COATINGS	MX	ORD	Granted	MX/A/2011/008568	12-Aug-2011	318581	18-Mar-2014
FLEXIBLE FILM APPLICATION FOR DECORATIVE COATINGS	US	DIV	Granted	13/873956	30-Apr-2013	9216565	22-Dec-2015
FLEXIBLE FILM HEATED ROLLER	US	ORD	Granted	13/433525	29-Mar-	9352512	31-May-

FLUID APPLICATION SYSTEM AND METHOD	US	ORD	Granted	13/897565	2012	9421794	2016
FLUID APPLICATION SYSTEM AND METHOD	MX	DIV	Allowed	MX/A/2016/014511	2013		23-Aug-2016
FLUID APPLICATION SYSTEM AND METHOD	CA	PCT	Published	2874027	21-May-2013		
FLUID APPLICATION SYSTEM AND METHOD	US	DIV	Granted	15/225039	01-Aug-2016	9849701	26-Dec-2017
FLUID APPLICATION SYSTEM AND METHOD	US	DIV	Published	15/807120	08-Nov-2017		
FLUID APPLICATION SYSTEM AND METHOD (TWINDEX)	MX	PCT	Granted	MX/A/2014/014271	21-May-2013	343472	07-Nov-2016
WINDOW OR DOOR MANUFACTURING METHOD AND APPARATUS	US	ORD	Granted	10/331264	30-Dec-2002	6954676	11-Oct-2005
GLASS ON DEMAND SYSTEM	US	ORD	Granted	10/751382	05-Jan-2004	7167767	23-Jan-2007
GLASS OPTIMIZATION	US	ORD	Granted	10/844256	12-May-2004	7206656	17-Apr-2007
GLASS OPTIMIZATION	CA	ORD	Granted	2467436	17-May-2004	2467436	07-May-2013
GLASS PRODUCTION SEQUENCING	CA	ORD	Granted	2476713	06-Aug-2004	2476713	01-Dec-2015
GLASS WASHING MACHINE	US	DES	Granted	29/169219	16-Oct-2002	D489848	11-May-2004
GLASS WASHING MACHINE W/GLASS RE	US	ORD	Granted	11/586159	25-Oct-2006	7531044	12-May-2009
GLASS WASHING MACHINE W/GLASS RE	US	DIV	Granted	12/425611	17-Apr-2009	7727336	01-Jun-2010
GLASS WASHING MACHINE W/GLASS RE	US	DIV	Granted	12/758210	12-Apr-2010	7980259	19-Jul-2011
METHOD OF MANUFACTURING INSULATING GLASS UNITS	US	ORD	Granted	09/109026	01-Jul-1998	6068720	30-May-2000
INSULATING GLASS UNIT FINAL SEALING ASSEMBLY AND METHOD	EP	PCT	Pending	18794467.3	03-May-2018		
INSULATING GLASS UNIT FINAL SEALING ASSEMBLY AND METHOD	CA	PCT	Pending		03-May-2018		
INSULATING GLASS UNIT FINAL SEALING ASSEMBLY AND METHOD	US	ORD	Published	15/970451	03-May-		



SEALING ASSEMBLY AND METHOD									
INSULATING GLASS UNIT FINAL SEALING ASSEMBLY AND METHOD	WO	ORD	Published	US2018/030922	2018				
INSULATING GLASS UNIT FLUID EXCHANGE ASSEMBLY AND METHOD	CA	PCT	Pending		03-May-2018				
INSULATING GLASS UNIT FLUID EXCHANGE ASSEMBLY AND METHOD	EP	PCT	Pending	18840277.0	01-Aug-2018				
INSULATING GLASS UNIT FLUID EXCHANGE ASSEMBLY AND METHOD	US	ORD	Published	16/051966	01-Aug-2018				
INSULATING GLASS UNIT FLUID EXCHANGE ASSEMBLY AND METHOD	WO	ORD	Published	US2018/044805	01-Aug-2018				
INSULATING GLASS UNIT PLUG AND INSTALLATION METHOD	US	PRO	Pending	62/629785	13-Feb-2018				
INSULATING GLASS UNIT PLUG AND INSTALLATION METHOD	US	ORD	Published	16/273909	12-Feb-2019				
INSULATING GLASS UNIT PLUG AND INSTALLATION METHOD	WO	ORD	Published	US2019/017764	13-Feb-2019				
LAMINATED MUNTIN BAR AND METHOD	CA	ORD	Granted	2368349	17-Jan-2002	2368349			12-Jul-2005
LAMINATED MUNTIN BAR APPARATUS	US	ORD	Granted	10/693034	24-Oct-2003	6912767			05-Jul-2005
MATERIAL DETECTION SYSTEM	US	ORD	Granted	15/405954	13-Jan-2017	10156515			18-Dec-2018
MATERIAL DETECTION SYSTEM	WO	ORD	Published	US2017/013421	13-Jan-2017				
MATERIAL DETECTION SYSTEM	EP	PCT	Published	17739041.6	13-Jan-2017				
MATERIAL DETECTION SYSTEM	MX	PCT	Published	MX/A/2018/008728	13-Jan-2017				
MATERIAL DETECTION SYSTEM	CA	PCT	Published	3032357	13-Jan-2017				
METHOD & APPARATUS FOR PROCESSIN	CA	PCT	Granted	2475557	26-Jun-2003	2475557			15-Feb-2011
METHOD & APPARATUS FOR PROCESSIN	CA	DIV	Granted	2723052	26-Jun-2003	2723052			24-Sep-2013

MULTIPLE CONFIGURATION JOINER CLIP	US	ORD	Granted	12/326142	02-Dec-2008	8015763	13-Sep-2011
MULTIPLE CONFIGURATION JOINER CLIP	CA	ORD	Granted	2665965	13-May-2009	2665965	19-Nov-2013
MULTI-STATION DESSICANT DISPENSI	US	ORD	Granted	10/922745	20-Aug-2004	7275570	02-Oct-2007
MUNTIN BAR CLIP & MUNTIN BAR	CA	ORD	Granted	2579978	28-Feb-2007	2579978	27-May-2014
MUNTIN CLIP	US	ORD	Granted	09/233834	20-Jan-1999	6244012	12-Jun-2001
MUNTIN CLIP	CA	ORD	Granted	2284476	05-Oct-1999	2284476	17-Sep-2002
MUNTIN CROSS JOINER CLIP	US	PRO	Pending	62/803135	08-Feb-2019		
MUNTIN CROSS JOINER CLIP	US	DES	Pending	29/679711	08-Feb-2019		
NOTCHED MUNTIN BARS HAVING TWO	US	ORD	Granted	09/975216	11-Oct-2001	6708384	23-Mar-2004
NOTCHED MUNTIN BARS HAVING TWO	CA	ORD	Granted	2369548	25-Jan-2002	2369548	04-Apr-2006
PROFILE RECOGNITION & COMPENSATI	US	ORD	Granted	11/865244	01-Oct-2007	7921064	05-Apr-2011
PROFILE RECOGNITION & COMPENSATI	EP	ORD	Published	08004504.0	11-Mar-2008		
WINDOW PROCESSING SYSTEM COMPRISING A CLEANING STATION WITH MULTIPLE CUTTING SURFACES	US	DIV	Granted	13/041501	07-Mar-2011	8250023	21-Aug-2012
SMART OVEN	US	PRI	Granted	10/183775	27-Jun-2002	6926782	09-Aug-2005
SMART OVEN	US	DIV	Granted	11/109437	19-Apr-2005	7422650	09-Sep-2008
SMART OVEN	US	CON	Granted	13/351450	17-Jan-2012	8512501	20-Aug-2013
SPACER FRAME AND METHOD OF MAKING SAME	US	ORD	Granted	14/703027	04-May-2015	9428953	30-Aug-2016
SPACER FRAME AND METHOD OF MAKING SAME	RU	PCT	Allowed	2017100466	12-May-2015	2692886	28-Jun-2019
SPACER FRAME AND METHOD OF	CA	PCT	Allowed	2950407	12-May-2015	2950407	12-Mar-





WINDOW COMPONENT SCRAP REDUCTION	CZ	EPC	Granted	05108723.7	21-Sep-2005	1643074	04-Jan-2017
WINDOW COMPONENT SCRAP REDUCTION	DE	EPC	Granted	05108723.7	21-Sep-2005	1643074	04-Jan-2017
WINDOW COMPONENT SCRAP REDUCTION	GB	EPC	Granted	05108723.7	21-Sep-2005	1643074	04-Jan-2017
WINDOW COMPONENT SCRAP REDUCTION	HU	EPC	Granted	05108723.7	21-Sep-2005	1643074	04-Jan-2017
WINDOW COMPONENT SCRAP REDUCTION	IE	EPC	Granted	05108723.7	21-Sep-2005	1643074	04-Jan-2017
WINDOW COMPONENT SCRAP REDUCTION	PL	EPC	Granted	05108723.7	21-Sep-2005	1643074	04-Jan-2017
WINDOW COMPONENT SCRAP REDUCTION	US	DIV	Granted	12/868817	26-Aug-2010	8720026	13-May-2014
WINDOW COMPONENT STOCK INDEXING	US	ORD	Granted	11/085711	21-Mar-2005	7610681	03-Nov-2009
WINDOW COMPONENT STOCK INDEXING	EP	ORD	Published	05104390.9	24-May-2005		
WINDOW COMPONENT STOCK INDEXING	CA	ORD	Granted	2509118	02-Jun-2005	2509118	08-Jan-2013
WINDOW COMPONENT STOCK INDEXING	CA	DIV	Granted	2791859	02-Jun-2005	2791859	17-Feb-2015
WINDOW COMPONENT STOCK INDEXING	CA	DIV	Granted	2872219	02-Jun-2005	2872219	18-Apr-2017
WINDOW COMPONENT STOCK INDEXING	US	DIV	Granted	12/537528	07-Aug-2009	8056234	15-Nov-2011
WINDOW COMPONENT STOCK INDEXING	US	DIV	Granted	13/249337	30-Sep-2011	8904611	09-Dec-2014
WINDOW COMPONENT STOCK INDEXING	US	DIV	Granted	14/541378	14-Nov-2014	9212515	15-Dec-2015
WINDOW COMPONENT STOCK TRANSFERRING	US	ORD	Granted	11/084929	21-Mar-2005	7445682	04-Nov-2008
WINDOW COMPONENT STOCK TRANSFERRING	US	DIV	Granted	12/237748	25-Sep-2008	7901526	08-Mar-2011
WINDOW COMPONENT SYSTEM INC PUSH	CA	ORD	Granted	2507308	12-May-2005	2507308	20-Nov-2012
WINDOW COMPONENT SYSTEM INC PUSH	EP	ORD	Granted	05077052.8	09-Sep-2005	1642658	12-Dec-2007
WINDOW COMPONENT SYSTEM INC	CZ	EPC	Granted	05077052.8	09-Sep-2005	1642658	12-Dec-2007



WINDOW SPACER FRAME PUNCH ASSEMBLY	MX	PCT	Published	MX/A/2018/003213	15-Sep- 2016		
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Schedule B

Copyrights

Copyright	Registration No.	Registration Date
WinIG 5, version 5.00.43 and 67 other titles.	V9925D554	2015
WinIG 5, revision 5.0043 and 67 other titles.	V9925D555	2015
WinIG 5, version 5.00.43.	TX0007475322	2011
WinCut II software operational manual & 65 other titles.	V3529D426	2005
Wincut II software operational manual	TX5532951	10/31/2001
WinIG software	TX5421259	07/26/2001
Winframe II software operations manual	TX5420462	07/23/2001
ContourGrid system and WinContour software	TX5174728	03/27/2000
GED WinDelete	TX5169662	03/27/2000
Linear positioner and WinLP software	TX5169659	03/27/2000
Intergrid: Intergrid system and WinGrid II software operation manual	TX5125925	01/18/2000
Screen Frame machine and WinScreen software	TX5129356	01/14/2000
ContourGrid: Contour Grid system and WinContour software	TX5129355	04/14/2000
CIM Colonial muntin machine and WinGrid operation manual	TX5010054	1999
WinIG software	TX5101704	12/17/1999
GED WinCut II software	TX5100348	12/10/1999
WinFrame II software	TX5113966	01/06/2000
GED WinCut: version 1.08	TX5012461	07/06/1999
WinFrame: version 1.08	TX5014228	07/06/1999
InterGrid system and WinGrid II software	TX5012842	07/06/1999
GED WinCut II software	TX4977817	04/16/1999
WinFrame II software	TX4972548	04/16/1999
WinIG software	TX4972377	04/16/1999
WinDelete GED	TX4767053	04/17/1998
GED WinCut II software	TX4772581	04/08/1998
CIM colonial muntin machine and WinGrid operation manual	TX4769807	04/10/1998
InterGrid and WinGrid II	TX4775493	05/13/1998
GED WinCut	TX4752275	04/08/1998
WinFrame II	TX4745055	03/24/1998
WinIG version 2.00	TX4757483	04/06/1998
WinFrame II: version 4.00	TX4635959	09/18/1997
WinFrame II software operation manual	TX4550007	09/08/1997
WinFrame II software operation manual	TX4489157	02/24/1997
WinCut 1.05	TX4524767	04/08/1997



Copyright	Registration No.	Registration Date
WinCut 1.05	TX4533097	04/09/1997
WinFrame 1.05	TX4523126	04/07/1997
WinFrame software operation manual	TX4270017	02/24/1997
WinGrid 1.05	TX4507975	04/08/1997
WinIG: version 1.05	TX4498710	02/19/1997
CIM colonial muntin machine and WinGrid operation manual	TX4498205	02/24/1997
GED WinCut: version 1.05	TX4486382	02/19/1997
CIM colonial muntin machine and WinGrid operation manual	TX4423051	08/01/1996
WinFrame software operation manual	TX4356053	08/22/1996
WinFrame software: version 1.01 : operation manual	TX4360204	08/22/1996
WinLP	TX4358819	08/23/1996
WinLP 1.00	TX4358818	08/23/1996
WinCut software operation manual	TX4355335	08/12/1996
WinCut software operation manual	TX4355334	08/12/1996
WinCut software operation manual	TX4355333	08/12/1996
WinLP software operation manual, version 1.00	TX4352166	08/23/1996
WinFrame software operation manual version 1.03	TX4360132	08/22/1996
WinFrame, 1.03	TX4355497	08/22/1996
WinFr 1.00	TX4355496	08/22/1996
WinFrame	TX4355495	08/22/1996
WinFrame 1.02	TX4355488	08/22/1996
WinIG 1.01.00	TX4347308	07/29/1996
WinIG software operation manual version 1.01	TX4347307	07/29/1996
WinIG 1.02.00	TX4340537	07/29/1996
WinDelete version 0.00.11	TX4337339	08/01/1996
WinCut : 1.03.03	TX4350168	08/12/1996
WinCut	TX4350167	08/12/1996
WinCut 1.02.00	TX4345760	08/12/1996
WinCut 1.03.00	TX4345759	08/12/1996
WinDelete software	TX4340812	08/01/1996
WinGrid	TX4340804	08/01/1996
WinCut	TX4340327	08/12/1996
WinCut	TX4340326	08/12/1996
WinIG software operation manual	TX4334682	07/29/1996
WinIG	TX4334646	07/29/1996
WinIG software operation manual	TX4334645	07/29/1996

Schedule C

Patent and Copyright Licenses

1. Joint Business Agreement, dated as of May 28, 1991, between Vitro Flat Glass LLC (“Vitro”) as successor-in-interest to PPG Industries, Inc. and GED, as amended by:
  - a. Amendment to Joint Business Agreement dated March 17, 2000;
  - b. Second Amendment to Joint Business Agreement dated February 1, 2005;
  - c. Third Amendment to Joint Business Agreement dated April 3, 2007;
  - d. Fourth Amendment to Joint Business Agreement dated March 20, 2013;
  - e. Fifth Amendment to Joint Business Agreement dated June 23, 2014
  - f. Sixth Amendment to Joint Business Agreement dated February 24, 2020 (collectively, the “Vitro Joint Business Agreement”).
2. Amended and Restated License Agreement, dated as of July 1, 2019, between Ashland Hardware, LLC and GED (the “Ashland License”)
3. Marketing Collaboration Agreement, dated as of April 1, 2014, between Ashland Hardware, LLC (f/k/a Nova Wildcat Ashland, LLC) and GED, as amended by First Amendment to Marketing Collaboration Agreement dated May 31, 2019 (the “Ashland Marketing Collaboration Agreement”).
4. Product Development Agreement, dated as of March 18, 2019, between Technoform Glass Insulation North America, Inc. and GED (the “Technoform Agreement”)
5. Software License Agreement dated August 5, 2015 between GED Integrated Solutions, Inc. and PPG Industries, Inc.

Schedule D  
Trademarks, Service Marks

<i>Trademark</i>	<i>Country</i>	<i>Status</i>	<i>Application No.</i>	<i>Filing Date</i>	<i>Registration No.</i>	<i>Registration Date</i>
GED	US	Renewed	75/027028	04-Dec-1995	2008673	15-Oct-1996
GED	CA	Renewed	884968	20-Jul-1998	521285	11-Jan-2000
GED	EM	Renewed	004356887	24-Mar-2005	004356887	04-Aug-2006
GED	CN	Registered	6597089	14-Mar-2008	6597089	28-Mar-2010
GED	CN	Registered	6597101	14-Mar-2008	6597101	28-Mar-2010
GED	CN	Registered	6597091	14-Mar-2008	6597091	07-Apr-2010
GED (Stylized)	US	Renewed	76/619212	03-Nov-2004	3220426	20-Mar-2007
GED IN CA	CA	Registered	1251473		TMA710937	03-Apr-2008
GED INTEGRATED SOLUTIONS	US	Renewed	76/619211	03-Nov-2004	3220425	20-Mar-2007
GED INTEGRATED SOLUTIONS	EM	Renewed	004357547	24-Mar-2005	004357547	03-Aug-2006
GED INTEGRATED SOLUTIONS	CN	Registered	6597092	14-Mar-2008	6597092	07-Apr-2010
GED INTEGRATED SOLUTIONS IN CA	CA	Registered	1251475		TMA710936	03-Apr-2008
GEDINTEGRATEDSOLUTIONS	CN	Registered	6597094	14-Mar-2008	6597094	28-Mar-2010
GEDUSA	US	Renewed	75/242154	14-Feb-1997	2206474	01-Dec-1998
GEDUSA	CA	Renewed	892785	07-Oct-1998	519853	25-Nov-1999
GEDUSA	CN	Registered	6597100	14-Mar-2008	6597100	07-Aug-2010
INTERGRID	US	Renewed	75/431272	09-Feb-1998	2238727	13-Apr-1999
INTERGRID	CA	Renewed	0883988	10-Jul-1998	TMA545592	25-May-2001
INTERGRID	CN	Registered	6597099	14-Mar-2008	6597099	28-Mar-2010
LEAN NET	CA	Registered	1132680	01-Mar-2002	633648	24-Feb-2005
LEANNET	US	Renewed	76/319698	01-Oct-2001	2757073	26-Aug-2003
RC-2000	EM	Registered	015019763	20-Jan-2016	015019763	13-May-2016
REMAKE NOW	US	Renewed	76/203588	30-Jan-2001	2863983	20-Jul-2004
REMAKENOW	CN	Registered	6597095	14-Mar-2008	6597095	07-May-2010

ROBOCLEAN	US	Registered	76/715184	16-Oct-2013	4696110	03-Mar-2015
ROBOFLOW	US	Allowed	87/528903	14-Jul-2017	5692627	05-Mar-2019
THINPLATE	US	Registered	76/703999	03-Aug-2010	4060218	22-Nov-2011
WIN IG	US	Renewed	74/693245	22-Jun-1995	1976701	28-May-1996
WIN IG	CA	Renewed	0890352	10-Sep-1998	TMA538370	06-Dec-2000
WIN SYSTEM 1	CA	Renewed	0892211	02-Oct-1998	TMA536922	08-Nov-2000
WINFRAME	US	Renewed	75/338463	11-Aug-1997	2252590	15-Jun-1999
WINFRAME	CA	Renewed	896060	10-Nov-1998	528242	24-May-2000
WINGRID	US	Renewed	75/378251	23-Oct-1997	2268322	10-Aug-1999
WINGRID	CA	Renewed	1004390	05-Feb-1999	535924	26-Oct-2000
WINGRID	CN	Registered	6597098	14-Mar-2008	6597098	07-May-2010

Domain Names:

- a. gedusa.com
- b. geduk.com
- c. gedeuropa.com
- d. gedasiapac.com
- e. geddigital.com
- f. geddigital.net
- g. interceptultra.com
- h. sampsonautomation.com
- i. twindex.co
- j. twindex.info
- k. twindex.us.com
- l. twindexprinter.com
- m. ultraspacer.com
- n. ultraspacer.net
- o. interceptinside.com
- p. sampsonautonation.com

Schedule E  
Trademark Licenses

None.

**SPECIAL POWER OF ATTORNEY  
(Patent, Trademark, Copyright and License)**

STATE OF                    )  
                                  ) SS.  
COUNTY OF                )


**KNOW ALL MEN BY THESE PRESENTS**, that GED Purchaser, Inc., a Delaware corporation ("Holdings"), GED Integrated Holdings, Inc., a Delaware corporation ("Intermediate Holdings"), and GED Integrated Solutions, Inc., a Delaware corporation ("Borrower"; Holdings, Intermediate Holdings and Borrower are referred to herein, collectively, as "Obligors" and, individually, as an "Obligor"), pursuant to that certain Patent, Copyright, License and Trademark Security Agreement, dated as of March 4, 2020 (the "Collateral Agreement") among Obligors and TCF National Bank ("Lender"), each hereby appoints and constitutes Lender its true and lawful attorney, with full power of substitution, and with full power and authority to perform the following acts on behalf of such Obligor at and during the time periods specified in the Collateral Agreement:

1. Assigning, selling or otherwise disposing of all right, title and interest of such Obligor in and to the patents, copyrights, licenses and trademarks listed on Schedules A, B, C, D and E of the Collateral Agreement, and including those patents copyrights and licenses which are added to the same subsequent hereto, and all registrations and recordings thereof, and all pending applications therefor, and for the purpose of the recording, registering and filing of, or accomplishing any other formality with respect to, the foregoing, and to execute and deliver any and all agreements, documents, instruments of assignment or other writings necessary or advisable to effect such purpose; and
2. To execute any and all documents, statements, certificates or other writings necessary or advisable in order to effect the purposes described above as Lender may in its sole discretion determine.


[signatures appear on next page]

This power of attorney is made pursuant to that certain Credit Agreement, dated as of March 4, 2020, among the Obligors and the Lender and may not be revoked until the payment in full of all liabilities and obligations of the Obligors under such Credit Agreement.


**GED PURCHASER, INC.**

By:   
Name: William Weaver  
Title: President

**GED INTEGRATED HOLDINGS, INC.**

By:   
Name: William Weaver  
Title: President

**GED INTEGRATED SOLUTIONS, INC.**

By:   
Name: William Weaver  
Title: President