

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CHEMTRON RESEARCH LLC	12/20/2019
RECEIVING PARTY DATA		
Name:	INTELLECTUAL VENTURES ASSETS 140 LLC	
Street Address:	251 LITTLE FALLS DRIVE	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19808	
PROPERTY NUMBERS Total: 3		
Property Type	Number	
Patent Number:	6466188	
Patent Number:	6433849	
Patent Number:	6747612	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Phone:	3606947551	
Email:	ivrecording@intven.com	
Correspondent Name:	INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL	
Address Line 1:	3150 139TH AVENUE SE	
Address Line 2:	BUILDING 4, FLOOR 3	
Address Line 4:	BELLEVUE, WASHINGTON 98005	
NAME OF SUBMITTER:	CARLY WHIMS	
SIGNATURE:	/Carly Whims/	
DATE SIGNED:	01/06/2020	
Total Attachments: 3		
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source=Chemtron Research LLC to Intellectual Ventures Assets 140 LLC (fully executed)#page2.tif		
source=Chemtron Research LLC to Intellectual Ventures Assets 140 LLC (fully executed)#page3.tif		

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Chemtron Research LLC, a Delaware limited liability company having an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 140 LLC a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Assignee**"), or its designees, all of its right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**");

(a) the provisional patent applications, patent applications and patents listed in the table below (the "**Patents**");

Active Patent(s) – (Filed; Granted)

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6466188 (09/488692)	US	10/15/2002 (1/20/2000)	DC-DC converter with current sensing for use with non-linear devices Robert Thomas Cato
6433849 (09/481360)	US	8/13/2002 (1/12/2000)	High reflectivity bistable liquid crystal display Anthony Cyril Lowe
6747612 (09/481357)	US	6/8/2004 (1/12/2000)	Head-up display Andrew Ramsay Knox

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents above and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);

(g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

- (1) damages,
- (2) injunctive relief, and
- (3) any other remedies of any kind

for past, current, and future infringement;

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h); and

(j) all rights to the assets listed in the table below, as well as all rights to the inventions, invention disclosures, and discoveries in the assets listed in the table below, together, with the rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement:

Inactive Patent(s) – (Abandoned; Lapsed; Expired)

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
GB2348513	GB	2/19/2003	Improved head-up display
(GB9907292.8)		(3/31/1999)	Andrew Ramsay Knox

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Bellevue, WA
on 20 DEC 2019.

ASSIGNOR:

Chemtron Research LLC

By: 

Name: Rocky Adornato

Title: Authorized Person

ASSIGNEE:

Intellectual Ventures Assets 140 LLC

By: 

Name: Jim Weisfield

Title: Authorized Person