

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7744024

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LUMASTREAM INC.	10/01/2020
RECEIVING PARTY DATA	
Name:	E CRAFTSMEN CORPORATION
Street Address:	73 SCHAEFER STREET
City:	WATERLOO, ONTARIO
State/Country:	CANADA
Postal Code:	NCL4C4
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17706733
Application Number:	17153989
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:	7125419822
Email:	bruce@youngspatentservices.com
Correspondent Name:	BRUCE YOUNG
Address Line 1:	12205 NW 85TH AVE
Address Line 4:	GRIMES, IOWA 50111
ATTORNEY DOCKET NUMBER:	MAT-0003-2US MAT-0008-5US
NAME OF SUBMITTER:	BRUCE A YOUNG
SIGNATURE:	/Bruce A. Young/
DATE SIGNED:	01/16/2023
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9	
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ASSIGNMENT OF PATENT RIGHTS

WHEREAS, LumaStream, Inc., a corporation having a place of business at 2201 1st Avenue South, Saint Petersburg, Florida 33712, the "Assignor", has acquired certain inventions, including without limitation the inventions described in the patent applications identified in Schedule A;

WHEREAS, E Craftsmen Corporation, a corporation having a place of business at 73 Schaefer Street, Waterloo, Ontario N2L 4C4, the "Assignee", desires to acquire the entire right, title and interest in such inventions and the patent applications identified in Schedule A, and all patents which may be obtained for the inventions, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is acknowledged, the Assignor has sold, assigned and transferred, and by these presents hereby sells, assigns and transfers to the Assignee, the entire right, title and interest in all inventions owned by Assignor, in the patent applications identified in Schedule A, in any other patent applications for the inventions in the United States or in any country foreign to the United States, and in any patents that may issue for the inventions in the United States or in any country foreign to the United States; including the full right to claim for any such application all benefits and priority rights under any applicable convention; with the entire right, title and interest in all continuations, divisions, reissues, reexaminations, renewals and extensions of any of the patent applications and patents defined above; with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor covenants and agrees, for both the Assignor and the Assignor's legal representatives, without further consideration, that the Assignor shall, and shall use its reasonable best efforts to cause its employees, former employees, representatives and agents to, communicate with Assignee (or Assignee's successors or assigns) regarding any facts known to Assignor, or its employees, former employees, representatives and agents, respecting the inventions, testify in any legal proceeding respecting the

inventions, sign all lawful papers respecting the inventions, and take any other reasonable actions to assist Assignee (or Assignee's successors or assigns) in obtaining, maintaining, and enforcing any patent rights for the inventions in the United States or any foreign country, it being understood that any expense incident to such actions shall be borne by the Assignee (or Assignee's successors or assigns).

The Commissioner of Patents and Trademarks is authorized and requested to issue patents to the Assignee under the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this assignment.

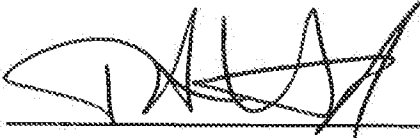
By: EJL
Name: ERNEST J. HAZOS
Title: EXECUTIVE CHAIRMAN

On behalf of LumaStream, Inc. ("Assignor")

Date: October 1, 2020

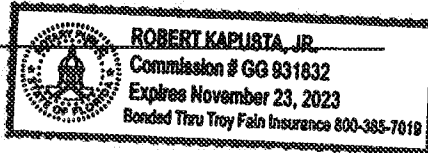
STATE OF FLORIDA
COUNTY OF Pinellas

The foregoing instrument was acknowledged before me by means of physical presence or online notarization this 5th day of October, 2020, by Eric J. Higgs as Chairman (title) for LumaStream, Inc.

By: 

(NOTARY SEAL)

Name: _____



Personally known X OR Produced identification _____

Type of identification produced

ACKNOWLEDGMENT OF ASSIGNEE

By: Tom Breselo
Name: TOM BRESELE
Title: PRESIDENT

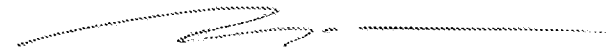
On behalf of E Craftsmen Corporation
("Assignee")

Date: October 1, 2020

In the presence of a Notary Public who hereby certifies the identity of the above
signatory

This 1st day of October, 2020

Before me


Public Notary

Schedule A

Patent Description	Country	Filing Date	Application No:	Patent No:
Modulation Method and Apparatus for Dimming and/or Colour Mixing Utilizing LEDs	US	Nov. 10, 2005	60/735,220	
Modulation Method and Apparatus for Dimming and/or Colour Mixing Utilizing LEDs	US	May 2, 2006	60/796,550	
Modulation Method and Apparatus for Dimming and/or Colour Mixing LEDs	US	Oct. 19, 2006	11/550,937	8,299,987
Modulation Method and Apparatus for Dimming and/or Colour Mixing LEDs	CAN	Oct. 19, 2006	2,564,659	2,564,659
Configurable LED Driver/Dimmer	US	Mar. 19, 2009	29/334,022	US D662880
Configurable LED Driver/Dimmer for Solid State Lighting Applications	US	Sept 18, 2008	61/097,963	
Configurable LED Driver/Dimmer for Solid State Lighting Applications	PCT	Sept. 17, 2009	PCT/CA2009/01295	
Configurable LED Driver/Dimmer for Solid State Lighting Applications	US	PCT Sept.17, 2009	13/059,336	8,525,446
Configurable LED Driver/Dimmer for Solid State Lighting Applications	CAN	PCT Sept.17, 2009	2,734,757	2,734,757
Configurable LED Driver/Dimmer for Solid State Lighting Applications	U K	PCT Sept.17, 2009	1102782.8	GB2475634

Patent Description	Country	Filing Date	Application No:	Patent No:
Configurable LED Driver/Dimmer for Solid State Lighting Applications-Configurable Drive Currents	US	July 15, 2013	13/941,871	9,049,759
Configurable LED Driver/Dimmer for Solid State Lighting Applications-Mapping Power Channels	US	Jan. 15, 2015	14/597,788	9,078,310
Configurable LED Driver/Dimmer for Solid State Lighting Applications-Data Signal	US	Mar. 15, 2016	15/070,502	9,775,207
Configurable LED Driver/Dimmer for Solid State Lighting Applications-Receive a Program	US	Aug 28, 2017	15/688,055	10,187,946
Configurable LED Driver/Dimmer for Solid State Lighting Applications-Cable Management Apparatus	US	May 8, 2012	13/466,509	8,957,601
Configurable LED Driver/Dimmer for Solid State Lighting Applications-Power distribution method	US	Jan. 6, 2015	14/590,045	9,320,093
Light Emitting Diode Dimmer Control	CAN	Sept 23, 2009	127922	Can 127922
Bootstrap StartUp and Assist Circuit	US	Sept. 10, 2009	61/241,173	
Bootstrap StartUp and Assist Circuit	PCT	Sept. 10, 2010	PCT/CA2010/001415	
Bootstrap StartUp and Assist Circuit	US	PCT Sept. 10, 2010	13/382,721	9,041,379

Patent Description	Country	Filing Date	Application No:	Patent No:
Boot Strap Start Up and Assist Circuit	CAN	PCT Sept. 10, 2010	2,767,457	2,767,457
Convection Cooled Power Source combined with Dimming Interface for Solid State Lighting Applications	CAN	Mar. 11, 2009	129957	Can 129957
Dithered Variable Frequency Method for Dimming or Color Changing LEDs	US	May 14, 2010	61/334,736	
Method and System for Controlling Solid State Lighting Via Dithering	US	July 17, 2015	62/193,900	
Method and System for Controlling Solid State Lighting Via Dithering	PCT	May 13, 2011	PCT/CA2011/050298	
Method and System for Controlling Solid State Lighting Via Dithering	US	PCT May 13, 2011	13/640,440	9,433,053
Method and System for Controlling Solid State Lighting Via Dithering	US	July 18, 2016	15/212,798	9,942,954
Apparatus and Method For Monitoring and Limiting Power to SSL Devices	US	June 25, 2013	61/838,965	
Apparatus and Method For Monitoring and Limiting Power to SSL Devices	PCT	June 25, 2014	PCT/CA2014/050609	

Patent Description	Country	Filing Date	Application No:	Patent No:
Apparatus and Method For Monitoring and Limiting Power to SSL Devices	US	Jan 24, 2017	15/413,456	10045421
Apparatus and Method For Monitoring and Limiting Power to SSL Devices	US	June 25, 2014	14/893,375	9591713
Apparatus and Method For Monitoring and Limiting Power to SSL Devices	Europe	June 25, 2014	14818736.2	
Apparatus and Method For Monitoring and Limiting Power to SSL Devices	Canada	June 25, 2014	2913239	
Network Connected Low Voltage Lighting System	US	May 13, 2016	62/336,095	
Network Connected Low Voltage Lighting System	PCT	May 12, 2017	PCT/CA2017/050571	
Network Connected Low Voltage Lighting System	US	May 12, 2017	15/593,499	10,076,016
Network Connected Low Voltage Lighting System	US	Aug. 9, 2018	16/059,437	
Network Connected Low Voltage Lighting System	CA	May 12, 2017	3,023,969	
Network Connected Low Voltage Lighting System	EP	May 12, 2017	17795225.6	
System, Method, and Apparatus For Dissipating Heat from an LED	US	Sept. 13, 2012	61/700,374	

Patent Description	Country	Filing Date	Application No:	Patent No:
System, Method, and Apparatus For Dissipating Heat from an LED	US	Aug 16, 2013	13/968,521	8,926,133
Apparatus, System, and Method For Track Lighting	US	Aug. 3, 2011	61/514,826	
Apparatus, System, and Method For Track Lighting	US	Aug. 3, 2012	13/566,876	9,039,230
Data Acquisition Methods and Apparatus for a Network Connected LED Driver	US	Aug. 23, 2018	62/721,678	
Data Acquisition Methods and Apparatus for a Network Connected LED Driver	US	Aug. 23, 2019	16/549,425	
Data Acquisition Methods and Apparatus for a Network Connected LED Driver	PCT	Aug. 23, 2019	PCT/CA2019/051163	
Inrush Current Limited AC/DC Power Converter Apparatus and Method	US	Oct. 26, 2018	62/751,086	
Inrush Current Limited AC/DC Power Converter Apparatus and Method	PCT	Oct. 23, 2019	PCT/CA2019/051503	