

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7245926

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
ILLUM HORTICULTURE LLC	03/22/2022

RECEIVING PARTY DATA

Name:	STEPHEN P AND KRISTI A ADAMS FAMILY TRUST
Street Address:	3421 EAST MCDOWELL ROAD
City:	MESA
State/Country:	ARIZONA
Postal Code:	85213

PROPERTY NUMBERS Total: 26

Property Type	Number
Application Number:	13276436
Application Number:	14592560
Application Number:	15714337
Application Number:	15784683
Application Number:	15821941
Application Number:	15822024
Application Number:	15822074
Application Number:	15905617
Application Number:	16182301
Application Number:	16185530
Application Number:	16194111
Application Number:	16281990
Application Number:	16515778
Application Number:	16516834
Application Number:	16779636
Application Number:	16907217
Application Number:	17219346
Application Number:	17539302
Application Number:	29595331
Application Number:	29608690

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Property Type	Number
Application Number:	29625501
Application Number:	29627792
Application Number:	29627987
Application Number:	29679124
Application Number:	29727368
Application Number:	29764251

CORRESPONDENCE DATA

Fax Number:

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.

Email: mwallace@pitplaw.com

Correspondent Name: MICHAEL WALLACE

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Address Line 4: MESA, ARIZONA 85205

NAME OF SUBMITTER: MICHAEL T. WALLACE

SIGNATURE: /Michael T Wallace/

DATE SIGNED: 03/25/2022

Total Attachments: 5

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**NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS**

Dated as of March 22, 2022

United States Patent and Trademark Office

Ladies and Gentlemen:


Please be advised that pursuant to that certain Promissory Note dated as of March 6, 2018 (as amended, restated, supplemented or otherwise modified from time to time, the "Agreement"), among the grantor (as grantor's wholly owned affiliate identified on the signature pages hereto "Grantor") for the Secured Party referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon the patents and patent applications identified on Schedule A for the benefit of the Secured Party.

The Grantor and Secured Party hereby acknowledge and agree that the security interest in such patents and patent applications (a) may only be terminated in accordance with the terms of the Agreement and (b) is not to be construed as an assignment of any patent or patent application.

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GRANTOR:

Illum Horticulture LLC
4641 East Ivy Street
Mesa, AZ 85205

By: 
Name: Brent R. Perkins
Title: President/CEO


JURISDICTION OF FORMATION OF GRANTOR: DELAWARE

Acknowledged and accepted:

SECURED PARTY

Stephen P and Kristi A Adams Family Trust
3421 East McDowell Road
Mesa, Arizona 85213

Stephen P and Kristi A Adams Family Trust

By: 
Name: Stephen Adams
Title: Trustee

SCHEDULE A
TO
NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

ILLUM HORTICULTURE LLC

Title	Application Number	Filing Date	Patent Number	Issue Date	Date of Maintenance Fee Payment	Party Paying Maintenance Fee	Country	Inventors
SOLID STATE ILLUMINATING SYSTEM	13/276,436	10/19/2011	8,796,944	8/5/2014	1/11/2018	Illum Technology, LLC	US	Bernard Boland Jim Rhodes
PHASE CUT DIMMING LED DRIVER	14/592,560	1-08-2015	9,332,609	5-3-2016	5/17/2019	Illum Technology, LLC	US	James Rhodes Arthur Wilkes Mark Busier
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING AND ASSOCIATED OPTIC SYSTEMS	15/714,337	9-25-2017	9,943,040	4-17-2018	4/25/2021	Illum Technology, LLC	US	Stephen Adams Megan Tidd John Heiner Darin Carpenter
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING TO BETTER SIMULATE THE SUN	15/784,683	10-16-2017	9,955,632	5-1-2018	2/7/2022	Illum Technology, LLC	US	Stephen Adams Darin Carpenter
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING WITH ENHANCED DIMMING AND OPTIMIZED EFFICIENCY	15/821,941	11-24-2017	10,028,350	7-17-2018	2/7/2022	Illum Technology, LLC	US	Stephen Adams James Rhodes Arthur Wilkes
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING WITH CURRENT SHARING	15/822,024	11-24-2017	10,178,730	1-08-2019	2/7/2022	Illum Technology, LLC	US	Stephen Adams James Rhodes Arthur Wilkes
METHOD AND APPARATUS FOR AN INDOOR HORTICULTURAL FACILITY	15/822,074	11-24-2017	10,034,342	7-24-2018	2/7/2022	Illum Technology, LLC	US	Stephen Adams James Rhodes Arthur Wilkes Darin Carpenter
METHOD AND APPARATUS FOR AN INTELLIGENT LIGHTING SYSTEM	15/905,617	2-26-2018	10,244,610	3-26-2019	N/A ¹	N/A ¹	N/A ¹	James Rhodes James Shaker
METHOD AND APPARATUS FOR AN INTELLIGENT LIGHTING SYSTEM	16/182,301	11-06-2018	10,652,976	5-12-2020	N/A ¹	N/A ¹	N/A ¹	James Rhodes Robby Madruga David Martinez
METHOD AND APPARATUS FOR HORTICULTURAL	16/185,530	11-09-2018	10,309,613	6-04-2019	N/A ¹	N/A ¹	N/A ¹	Stephen Adams Megan Tidd John Heiner

LIGHTING AND ASSOCIATED OPTIC SYSTEMS								Darin Carpenter
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING TO BETTER SIMULATE THE SUN	16/194,111	11-16-2018	10,398,090	9-3-2019	N/A ¹	N/A ¹	N/A ¹	Stephen Adams Darin Carpenter
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING WITH CURRENT SHARING	16/281,990	2-21-2019	10,512,132	12-17-2019	N/A ¹	N/A ¹	N/A ¹	Stephen Adams James Rhodes Arthur Wilkes
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING TO BETTER SIMULATE THE SUN	16/515,778	7-18-2019	10,548,264	2-4-2020	N/A ¹	N/A ¹	N/A ¹	Stephen Adams Darin Carpenter
METHOD AND APPARATUS FOR A LOW PROFILE LIGHT FIXTURE	16/516,834	7-19-2019	10,818,828	10-27-2020	N/A ¹	N/A ¹	N/A ¹	Stephen Adams John Heiner
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING WITH CURRENT SHARING	16/779,636	2-2-2020	11,191,220	12-7-2021	N/A ¹	N/A ¹	N/A ¹	Stephen Adams Arthur Wilkes
METHOD AND APPARATUS FOR AN INDOOR HORTICULTURAL FACILITY	16/907,217	06-20-2020	11,139,248	9-21-2021	N/A ¹	N/A ¹	N/A ¹	Stephen Adams Arthur Wilkes
METHOD AND APPARATUS FOR HORTICULTURAL LIGHTING AND ASSOCIATED OPTIC SYSTEMS	17/219,346	3-31-2021			N/A ¹	N/A ¹	N/A ¹	Stephen Adams Brent Perkins John Heiner
METHOD AND APPARATUS FOR AN INDOOR HORTICULTURAL FACILITY	17/539,302	1-22-2022			N/A ¹	N/A ¹	N/A ¹	Stephen Adams Arthur Wilkes Jay Norrish
HORTICULTURAL LIGHTING FIXTURE	29/595,331	2-27-2017	D846,176	4-16-2019	N/A ²	N/A ²	N/A ²	Stephen Adams John Heiner
HORTICULTURAL LIGHTING FIXTURE	29/608,690	6-23-2017	D823,519	7-17-2018	N/A ²	N/A ²	N/A ²	Stephen Adams John Heiner
LIGHT FIXTURE	29/625,501	11-09-2017	D856,569	8-13-2019	N/A ²	N/A ²	N/A ²	John Heiner David Gronlund Stephen Adams
LIGHT FIXTURE	29/627,792	11-29-2017	D860,501	9-17-2019	N/A ²	N/A ²	N/A ²	John Heiner Stephen Adams Edgar Madril
LIGHT FIXTURE	29/627,987	11-30-2017	D855,246	7-30-2019	N/A ²	N/A ²	N/A ²	John Heiner Stephen Adams
LIGHT FIXTURE	29/679,124	2-1-2019			N/A ²	N/A ²	N/A ²	John Heiner Stephen Adams
LIGHT FIXTURE	29/727,368	3-10-2020			N/A ²	N/A ²	N/A ²	John Heiner Stephen Adams
LIGHT FIXTURE	29/764,251	12-29-2020			N/A ²	N/A ²	N/A ²	John Heiner Stephen Adams

¹ - Not due

² - Maintenance fees are never due for design patents

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RECORDED: 03/25/2022

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