505701186 10/01/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5747996

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAOLO DI TRAPANI	08/29/2019
DAVIDE MAGATTI	08/29/2019
ANTONIO LOTTI	08/29/2019
MICHAEL RAGAN KRAMES	08/28/2019
MATTEO MOLTENI	08/29/2019

RECEIVING PARTY DATA

Name:	COELUX S.R.L.	
Street Address:	VIA CAVOUR 2	
Internal Address:	POLO TECNOLOGICO COMONEXT	
City:	LOMAZZO (CO)	
State/Country:	ITALY	
Postal Code:	22074	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16487678

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.

Phone: 7037650030

Email: docketing@dmipgroup.com

Correspondent Name: DIBERARDINO MCGOVERN IP GROUP LLC

Address Line 1: P.O. 7126

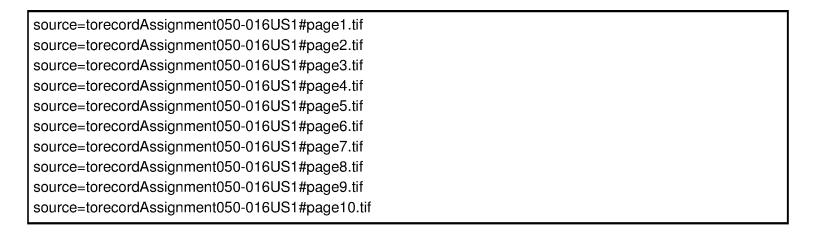
Address Line 4: ALEXANDRIA, VIRGINIA 22307

ATTORNEY DOCKET NUMBER:	050-016US1	
JENNIFER AUGSBURGER		
SIGNATURE:	/jenn augsburger/	
DATE SIGNED: 10/01/2019		

Total Attachments: 10

PATENT REEL: 050586 FRAME: 0487

505701186



PATENT REEL: 050586 FRAME: 0488

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned inventor:

Paolo Di Trapani

hereby sell, assign, and transfer to:

CoeLux S.r.l.

an organization having a principal place of business at Via Cavour 2, Polo Tecnologico ComoNExT, 22074 Lomazzo (CO), Italy, and its successors, assigns, and legal representatives (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and any and all improvements thereof which are the subject of the following United States patent application:

SUNLIGHT-BASED LARGE AREA LIGHT SOURCE AND LARGE AREA LUMINAIRE

which was filed on August 21, 2019 as

United States Application Number 16/487,678 (the national phase of PCT/EP2017/000273) and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below and I authorize and request that the attorneys appointed in said application to hereafter complete this assignment by inserting above the filling date and application number of said application when known, and

in and to said application and all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and any and all improvements thereof; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions and any and all improvements thereof; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and any and all improvements thereof in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned and my respective heirs, legal representatives and assigns will execute all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said inventions and any and

all improvements thereof; execute all rightful caths, assignments, powers of attorney, and other papers; communicate to said Assignee all facts known to the undersigned relating to said improvements and the

history thereof; and generally assist said Assignee in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee; and

covenant with said Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signature:

WITNESSED BY:

Signature:

Date: 29 A0005(2019)

Printed Name: MAZIA CECLUA REATURA

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned inventor:

Davide Magatti

hereby sell, assign, and transfer to:

CoeLux S.r.l.

an organization having a principal place of business at Via Cavour 2, Polo Tecnologico ComoNExT, 22074 Lomazzo (CO), Italy, and its successors, assigns, and legal representatives (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and any and all improvements thereof which are the subject of the following United States patent application:

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agree that said Assignee may apply for and receive a patent or patents for said inventions and any and all improvements thereof in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned and my respective heirs, legal representatives and assigns will execute all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said inventions and any and

all improvements thereof; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee all facts known to the undersigned relating to said improvements and the

history thereof, and generally assist said Assignee in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee; and

covenant with said Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

WITNESSED BY:

Signature: Late C

Printed Name: MARCIA LECKLA PIGAZZINI

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned inventor:

Antonio Lotti

hereby sell, assign, and transfer to:

CoeLux S.r.l.

an organization having a principal place of business at Via Cavour 2, Polo Tecnologico ComoNExT, 22074 Lomazzo (CO), Italy, and its successors, assigns, and legal representatives (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and any and all improvements thereof which are the subject of the following United States patent application:

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in and to said application and all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and any and all improvements thereof; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions and any and all improvements thereof; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and any and all improvements thereof in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned and my respective heirs, legal representatives and assigns will execute all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said inventions and any and

all improvements thereof; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee all facts known to the undersigned relating to said improvements and the

history thereof; and generally assist said Assignee in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee; and

covenant with said Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signature: Lationia Sottii Antonio Lotti	Date: <u>AU/4/ST 29, 2019</u>
WITNESSED BY:	
Signature: <u>Maukan Wolten</u>	Date: 28/08/2-43

Printed Name: MATTED MOLTERY

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned inventor:

Michael Ragan Krames

hereby sell, assign, and transfer to:

CoeLux S.r.l.

an organization having a principal place of business at Via Cavour 2, Polo Tecnologico ComoNExT, 22074 Lomazzo (CO), Italy, and its successors, assigns, and legal representatives (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and any and all improvements thereof which are the subject of the following United States patent application:

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in and to said application and all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and any and all improvements thereof; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions and any and all improvements thereof; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and any and all improvements thereof in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned and my respective heirs, legal representatives and assigns will execute all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said inventions and any and

all improvements thereof; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee all facts known to the undersigned relating to said improvements and the

history thereof; and generally assist said Assignee in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee; and

covenant with said Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ignature // // // Michael Ragan Krames

Date: 28 AUG 2

WITNESSED BY:

Signature:

Date: <u>() 8 | 28 | 2019</u>

Printed Name:

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned inventor:

Matteo Molteni

hereby sell, assign, and transfer to:

CoeLux S.r.l.

an organization having a principal place of business at Via Cavour 2, Polo Tecnologico ComoNExT, 22074 Lomazzo (CO), Italy, and its successors, assigns, and legal representatives (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and any and all improvements thereof which are the subject of the following United States patent application:

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in and to said application and all non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and any and all improvements thereof, and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions and any and all improvements thereof; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and any and all improvements thereof in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned and my respective heirs, legal representatives and assigns will execute all non-provisional applications, divisional applications, continuation, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said inventions and any and

all improvements thereof; execute all rightful paths, assignments, powers of attorney, and other papers; communicate to said Assignee all facts known to the undersigned relating to said improvements and the

history thereof; and generally assist said Assignee in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee; and

covenant with said Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signature: Ma() as Malteo Molteni	Date:
WITNESSED BY: Signature: Latonia Lati	Date: 29/08/2019
Printed Name: ANTO MISS L.S.TTI	