501761484 12/19/2011

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anatoly Shteynberg	12/14/2011
Dongsheng Zhou	12/14/2011
Stephen F. Dreyer	12/14/2011
Harlan Ohara	12/14/2011

RECEIVING PARTY DATA

Name:	Exclara Inc.
Street Address:	2855 Bowers Ave.
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13283201

CORRESPONDENCE DATA

Fax Number: (312)276-4176 312-399-9332 Phone:

ngamburd@gamburdlaw.com Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Nancy R. Gamburd Address Line 1: 600 West Jackson Blvd.

Address Line 2: Suite 625

Address Line 4: Chicago, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	1180.024.CIP2	
NAME OF SUBMITTER:	Nancy R. Gamburd	

PATENT

REEL: 027412 FRAME: 0636

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Total Attachments: 10
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PATENT REEL: 027412 FRAME: 0637

ASSIGNMENT AND AGREEMENT

For value received, we, Anatoly Shteynberg of the City of San Jose and State of California, Dongsheng Zhou of the City of San Jose and State of California, Stephen F. Dreyer of the City of Santa Clara and State of California, Harlan Ohara of the City of San Jose and State of California, and Sinan Doluca of the City of Saratoga and State of California, hereby sell, assign and transfer to Exclara Inc., a corporation of the State of Delaware, having an office at 2855 Bowers Avenue, Santa Clara, California, 95051 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to APPARATUS, METHOD AND SYSTEM FOR PROVIDING AC LINE POWER TO LIGHTING DEVICES described and claimed in an application for Letters Patent of the United States executed by us and filed on October 27, 2011 as United States Patent Application Serial No. 13/283,201 and all divisional, continuation and continuation-in-part applications thereof, as the nonprovisional of and with a claim of priority to and the benefit of United States Provisional Patent Application Serial No. 61/491,062 filed May 27. 2011; with a claim of priority to and as a continuation-in-part of United States Patent Application Serial No. 12/729,081 filed March 22, 2010, which further claims priority to and is a continuation-in-part of United States Patent Application Serial No. 12/478,293 filed June 4, 2009; and with a further claim of priority to and as a continuation-in-part of United States Patent Application Serial No. 12/478,293 filed June 4, 2009, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Exclara Inc., the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Exclara Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any

Serial No. 13/283,201 and All Divisional, Continuation and Continuation-in-Part Applications Thereof. Page 1 of 6

PATENT REEL: 027412 FRAME: 0638 country in proof of the right of Exclara Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Exclara Inc. in the United States and in all countries foreign to the United States, or to such nominees as Exclara Inc. may designate.

We agree that, when requested, we shall, without charge to Exclara Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Anatoly Shteynberg

Date: __12-11

United States of America)

State of California

) ss.:

County of Santa Clara

On this 14 day of December, 2011, before me personally came **Anatoly Shteynberg**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Serial No. 13/283,201 and All Divisional, Continuation and Continuation-in-Part Applications Thereof. Page 2 of 6

On 12-14-11 before me, PAVAJ: CARDOZO NOTARY PUBLIC, (Here insert name and title of the officer)

State of California

County of SANTA CLARA

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personally appeared ANATOUS SL	ITEYNBERG,
the within instrument and acknowledged to me th	dence to be the person(s) whose name(s)(is\are subscribed to nat he\are he/they executed the same in his\are her/their authorized on the instrument the person(s), or the entity upon behalf of it.
I certify under PENALTY OF PERJURY under the is true and correct. WITNESS my hand and official seal. Signature of Notary Public	PAULA J. CARDOZO COMM. # 1902777 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Comm. Expires Sept. 4, 2014
ADDITIONAL O	PTIONAL INFORMATION
DESCRIPTION OF THE ATTACHED DOCUMENT (Title or description of attached document)	INSTRUCTIONS FOR COMPLETING THIS FORM Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in
(Title or description of attached document continued)	California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.
Number of Pages Document Date	 State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment. Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
(Additional information)	 The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public). Print the name(s) of document signer(s) who personally appear at the time of
CAPACITY CLAIMED BY THE SIGNER Individual (s) Corporate Officer (Title) Partner(s) Attorney-in-Fact Trustee(s) Other	notarization. Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is/are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording. The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form. Signature of the notary public must match the signature on file with the office of the county clerk. Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document. Indicate title or type of attached document, number of pages and date. Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
	Securely attach this document to the signed document

Dongsheng Zhou

Date: 13-14-11

United States of America)

State of California) ss.:

County of Santa Clara)

On this 14 day of December 2011, before me personally came Dongsheng Zhou, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Serial No. 13/283,201 and All Divisional, Continuation and Continuation-in-Part Applications Thereof. Page 3 of 6

On 12-14-11 before me, PAULA J. CARDOZO NOTARY PUBLIC, (Here insert name and title of the officer)

State of California

County of SANTA CLARA

2009 Version CAPA v12.10.07 800-873-9865 www.NotaryClasses.com

personally appeared DONGSLIENC	5 ZHOU ,
the within instrument and acknowledged to me the	ence to be the person(s) whose name(s)(is/are subscribed to at he/she/they executed the same in his/her/their authorized on the instrument the person(s), or the entity upon behalf of
I certify under PENALTY OF PERJURY under the is true and correct. WITNESS my hand and official seal. Signature of Notary Public	PAULA J. CARDOZO COMM. # 1902777 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Comm. Expires Sept. 4, 2014
ADDITIONAL OF	PTIONAL INFORMATION INSTRUCTIONS FOR COMPLETING THIS FORM
(Title or description of attached document) (Title or description of attached document continued)	Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.
Number of Pages Document Date (Additional information)	 State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment. Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed. The notary public must print his or her name as it appears within his or her
	 commission followed by a comma and then your title (notary public). Print the name(s) of document signer(s) who personally appear at the time of notarization.
CAPACITY CLAIMED BY THE SIGNER Individual (s) Corporate Officer (Title) Partner(s) Attorney-in-Fact Trustee(s) Other	 Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording. The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form. Signature of the notary public must match the signature on file with the office of the county clerk. Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document. Indicate title or type of attached document, number of pages and date. Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary). Securely attach this document to the signed document

	Stephen F. Dreyer
Date: 12-14-11	
United States of America)
State of California) ss.:
County of Santa Clara)
came Stephen F. Dreyer,	of <u>DECENSER</u> , 2011, before me personally to me known to be the individual described in and who rument, and acknowledged execution of the same.
	Janas, Cardens

State of California

County of SANTA CLARA

(Here insert name and title of the officer)		
. DREYER,		
lence to be the person(s) whose name(s)(is)/are subscribed to at he/she/they executed the same in his/her/their authorized on the instrument the person(s), or the entity upon behalf of t.		
e laws of the State of California that the foregoing paragraph PAULA J. CARDOZO		
COMM. # 1902777 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Comm. Expires Sept. 4, 2014 (Notary Seal)		
ADDITIONAL OPTIONAL INFORMATION		
INSTRUCTIONS FOR COMPLETING THIS FORM Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.		
 State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment. Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed. The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public). Print the name(s) of document signer(s) who personally appear at the time of 		
notarization. Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording. The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form. Signature of the notary public must match the signature on file with the office of the county clerk. Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document. Indicate title or type of attached document, number of pages and date. Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).		
t		

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Date: 12/14/2011 Harlan Ohara	
United States of America)	
State of California) ss.:	
County of Santa Clara)	
On this 14 day of 15 day of 16 day of 16 day of 16 day of 16 day of 17 day of 18 day o	
Notary Public)

State of California

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County of SANTACIANA	
On 13-14-11 before me, PAUL	A J. CAROOZO, NOTTORY PUBLIC., (Here insert name and title of the officer)
personally appeared LINGLAN OHAS	2/2
the within instrument and acknowledged to me	ridence to be the person(s) whose name(s)(is)are subscribed to that he/she/they executed the same in his)her/their authorized s) on the instrument the person(s), or the entity upon behalf of ent.
I certify under PENALTY OF PERJURY under is true and correct.	the laws of the State of California that the foregoing paragraph
WITNESS my hand and official seal.	PAULA J. CARDOZO COMM. # 1902777 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Comm. Expires Sept. 4, 2014
Signature of Notary Public	(Notary Seal)
ADDITIONAL (OPTIONAL INFORMATION
	INSTRUCTIONS FOR COMPLETING THIS FORM
DESCRIPTION OF THE ATTACHED DOCUMENT (Title or description of attached document)	Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the
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(Title or description of attached document continued)	
Number of Pages Document Date	 State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment. Date of notarization must be the date that the signer(s) personally appeared which
(Additional information)	 must also be the same date the acknowledgment is completed. The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
	 Print the name(s) of document signer(s) who personally appear at the time of notarization.
CAPACITY CLAIMED BY THE SIGNER □ Individual (s)	 Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
☐ Corporate Officer (Title)	 The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
☐ Partner(s)	Signature of the notary public must match the signature on file with the office of
☐ Attorney-in-Fact	the county clerk. Additional information is not required but could help to ensure this
☐ Trustee(s) ☐ Other	acknowledgment is not misused or attached to a different document. Indicate title or type of attached document, number of pages and date. Indicate the capacity claimed by the signer. If the claimed capacity is a
	corporate officer, indicate the title (i.e. CEO, CFO, Secretary). • Securely attach this document to the signed document

	Sinan Doluca
Date:	
United States of America)
State of California) ss.:
County of Santa Clara)
came Sinan Doluca, to	y of, 2011, before me personally me known to be the individual described in and who strument, and acknowledged execution of the same.
	Notary Public

Exclara Inc. 2855 Bowers Avenue Santa Clara, California, 95051 U.S.A.

Serial No. 13/283,201 and All Divisional, Continuation and Continuation-in-Part Applications Thereof. Page 6 of 6

PATENT REEL: 027412 FRAME: 0647

RECORDED: 12/19/2011