PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Franklin Wall Jr.	06/18/2007
Peter Stormberg	06/19/2007
Jeffrey Kmetec	06/14/2007
Mina Farr	06/18/2007
Li Zhang	06/18/2007

RECEIVING PARTY DATA

Name:	Philips Lumileds Lighting Company, LLC
Street Address:	370 W. Trimble Road
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11765291

CORRESPONDENCE DATA

Fax Number: (408)382-0481

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: edith@patentlawgroup.com

Correspondent Name: Patent Law Group LLP

Address Line 1: 2635 North First St., Suite 223
Address Line 4: San Jose, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER: LUM-07-01-02

NAME OF SUBMITTER: Brian D. Ogonowsky

Total Attachments: 10

PATENT REEL: 019451 FRAME: 0384

500299101

source=LUM-07-01-02_Assignment#page1.tif source=LUM-07-01-02_Assignment#page2.tif source=LUM-07-01-02_Assignment#page3.tif source=LUM-07-01-02_Assignment#page4.tif source=LUM-07-01-02_Assignment#page5.tif source=LUM-07-01-02_Assignment#page6.tif source=LUM-07-01-02_Assignment#page7.tif source=LUM-07-01-02_Assignment#page8.tif source=LUM-07-01-02_Assignment#page9.tif source=LUM-07-01-02_Assignment#page9.tif source=LUM-07-01-02_Assignment#page10.tif

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Franklin Wall, Jr., Peter Stormberg, Jeffrey Kmetec, Mina Farr, Li Zhang

hereby sell, assign and transfer to **Philips Lumileds Lighting Company, LLC**, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, CA 95131, its successors and assigns, the entire right, title and interest throughout the world in our invention in

SOLDERLESS INTEGRATED PACKAGE CONNECTOR AND HEAT SINK FOR LED

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this	day of	, 2007.
		Franklin Wall, Jr.
State of)	
State of) ss.)	
On	before	me,
personally appeared		personally known to
me or proved to me on the	e basis of satisfact	personally known to ory evidence to be the person(s) whose name(s)
is(are) subscribed to the v	vithin instrument a	and acknowledged to me that he/she/they executed the s), and that by his/her/their signature(s) on the
instrument the person(s), instrument.	or the entity upon	behalf of which the person(s) acted, executed the
		WITNESS my hand and official seal.
		SIGNATURE OF NOTARY

Page 1 of 3

Executed this	day of	, 2007.
		Peter Stormberg
94.4 f	`	<u> </u>
State of)) ss.	
State of		
On	before	me, personally known to
me or proved to me on the is(are) subscribed to the wi same in his/her/their author	basis of satisfact thin instrument a rized capacity(ies	personally known to ory evidence to be the person(s) whose name(s) and acknowledged to me that he/she/they executed the s), and that by his/her/their signature(s) on the behalf of which the person(s) acted, executed the
		WITNESS my hand and official seal.
		SIGNATURE OF NOTARY
Executed this	day of	, 2007.
		Jeffrey Kmetec
State of)	
State of) ss.)	
On	before	me,
me or proved to me on the is(are) subscribed to the wi same in his/her/their author	basis of satisfact thin instrument a rized capacity(ies	personally known to ory evidence to be the person(s) whose name(s) and acknowledged to me that he/she/they executed the s), and that by his/her/their signature(s) on the behalf of which the person(s) acted, executed the
		WITNESS my hand and official seal.
		SIGNATURE OF NOTARY

Executed this	day of		, 2007.
		Mi	na Farr
State of	_)		
State of) ss.)		
Onpersonally appeared	before me,		
me or proved to me on the bis(are) subscribed to the with same in his/her/their authorisinstrument the person(s), or instrument.	asis of satisfactory evid hin instrument and ackr zed capacity(ies), and t	lence to be the per nowledged to me that by his/her/the	rson(s) whose name(s) that he/she/they executed the ir signature(s) on the
	WITN	ESS my hand and	l official seal.
	SIGNA	ATURE OF NOT	ARY
Executed this/ &	<u>+h</u> day of	June	, 2007. ZHANG Zhang
		L1 2	ZHANG
County of Santa Unia On Jane 18, 200 personally appeared Lime of proved to me on the bis(are) subscribed to the with)) ss.)		
On Jan 18, 200 personally appeared L:	before me, M	elita Ann Kah	man Nota- publi
me or proved to me on the b	easis of satisfactory evid	lence to be the per	rson(s) whose name(s)
same in his/her/their authori instrument the person(s), or			
instrument.	the entity upon behan t	winen the perse	mps) acted, excedited the
MELITA ANN	KAHRIMANIN		
Commission Notary Public	# 1600762 WITN	ESS my hand and	l official seal.
र एउँ अपनी sorte Cla	e County (///	MYCH	And the state of t
My Comm. Babi	SACIVATION CIGNIA	ATTIRE OF NOT	ΔRV

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Franklin Wall, Jr., Peter Stormberg, Jeffrey Kmetec, Mina Farr, Li Zhang

hereby sell, assign and transfer to **Philips Lumileds Lighting Company, LLC**, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, CA 95131, its successors and assigns, the entire right, title and interest throughout the world in our invention in

SOLDERLESS INTEGRATED PACKAGE CONNECTOR AND HEAT SINK FOR LED

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

successors and assigns.
Executed this 18 ^{7H} day of JUNE, 2007.
Fyanklin Wall, Jr.
State of California) County of Senta Clora) State of California)
On June 18, 2007 before me, Melita Am Fahman Witon Public personally appeared Franklin Wall, Jr. personally known to
me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.

Page 1 of 3

SIGNATURE OF NOTARY

Executed this	day of	, 2007.
		Peter Stormberg
State of	_)	
State of) ss.)	
On	before me,	
me or proved to me on the b is(are) subscribed to the wit same in his/her/their authori	pasis of satisfactory evider hin instrument and acknow zed capacity(ies), and that	personally known to nee to be the person(s) whose name(s) wledged to me that he/she/they executed the t by his/her/their signature(s) on the which the person(s) acted, executed the
	WITNES	SS my hand and official seal.
	SIGNAT	TURE OF NOTARY
Executed this/	day of June	Jeffrey Kmetec
State of California County of Santa Clara)) ss.)	
On June 14, 2007 personally appeared Jefme or proved to me on the bis(are) subscribed to the with same in his/her/their authority	before me, Melinary before me, Melinary beasis of satisfactory evider him instrument and acknowled capacity (ies), and that the entity upon behalf of	personally known to personally known to nee to be the person(s) whose name(s) wledged to me that he/she/they executed the t by his/her/their signature(s) on the which the person(s) acted, executed the
NEUTA ANN KANNAA Conveniesion # 1688; Notary Public - Califo Santa Chara Count Mr Convenies Aug 19	SIGNAT	SS my hand and official seal. TURE OF NOTARY

Page 2 of 3

Executed this	$18_{}$ day of $_{}$	June		_, 2007.
			Mui J	[st. 11]
			Mina Fari	r
State of <u>California</u> County of <u>Santa Cl</u>) ss.			
On June V		me, <u>HeliteAnn</u>	Kehrman	Notan Rulic personally known to
me or proved to me on is(are) subscribed to the same in his/her/their au	the basis of satisfactor within instrument a	ory evidence to be nd acknowledged	the person(s) to me that he	whose name(s) she/they executed the
instrument the person(s instrument.				
MELITA ANN Commission Notary Public Santa Cla	- California	WITNESS my h SIGNATURE O	or-	ıl seal.

Executed this	day of _	, 2007.
		Mina Farr
State of		
) ss.	
County of	_)	
On1	before	me,
personally appeared	agia of antiafont	personally known to tory evidence to be the person(s) whose name(s)
is(are) subscribed to the with same in his/her/their authori	hin instrument a zed capacity(ie	and acknowledged to me that he/she/they executed the s), and that by his/her/their signature(s) on the behalf of which the person(s) acted, executed the
		WITNESS my hand and official seal.
		SIGNATURE OF NOTARY
Executed this	day of _	, 2007.
		Li Zhang
State of)	

County of		
On	before	me,
is(are) subscribed to the with same in his/her/their authori	nin instrument a zed capacity(ie	personally known to tory evidence to be the person(s) whose name(s) and acknowledged to me that he/she/they executed the s), and that by his/her/their signature(s) on the behalf of which the person(s) acted, executed the
		WITNESS my hand and official seal.
		SIGNATURE OF NOTARY

Page 3 of 3

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Franklin Wall, Jr., Peter Stormberg, Jeffrey Kmetec, Mina Farr, Li Zhang

hereby sell, assign and transfer to Philips Lumileds Lighting Company, LLC, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, CA 95131, its successors and assigns, the entire right, title and interest throughout the world in our invention in

SOLDERLESS INTEGRATED PACKAGE CONNECTOR AND HEAT SINK FOR LED

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this	day of	, 2007.
		Franklin Wall, Jr.
State of)) ss.	
County of)	
On	before	me,
personally appeared		personally known to
is(are) subscribed to the v same in his/her/their auth	vithin instrument a orized capacity(ies	ory evidence to be the person(s) whose name(s) and acknowledged to me that he/she/they executed the s), and that by his/her/their signature(s) on the behalf of which the person(s) acted, executed the
		WITNESS my hand and official seal.
		SIGNATURE OF NOTARY

Page 1 of 3

PATENT

REEL: 019451 FRAME: 0393

Executed this		June	, 2007.
		The /d	andres .
		Pet	er Storneberg
State of	`		
State of) ss.		
County of)		
On	before:	before me,	
personally appeared		personally known (sis of satisfactory evidence to be the person(s) whose name(s)	
same in his/her/their autho	rized capacity(ies), and that by his/her/	ne that he/she/they executed the their signature(s) on the erson(s) acted, executed the
		WITNESS my hand	and official seal.
		SIGNATURE OF N	OTARY
Executed this	day of		, 2007.
		Je	frey Kmetec
State of			
County of) ss.		
On	hefore r	ne,	
personally appeared	DOTO(C)	no,	personally known to
me or proved to me on the is(are) subscribed to the wisame in his/her/their author	thin instrument ar rized capacity(ies)	nd acknowledged to m), and that by his/her/t	person(s) whose name(s) no that he/she/they executed the
		WITNESS my hand a	and official seal.

Page 2 of 3

Executed this	day of _	, 2007.
		Mina Farr
State of	_)	
) ss.	
County of).	
On	before	e me,
personally appeared		personally known etory evidence to be the person(s) whose name(s)
		es), and that by his/her/their signature(s) on the half of which the person(s) acted, executed the WITNESS my hand and official seal.
		SIGNATURE OF NOTARY
		SIGNATURE OF NOTARCE
Executed this	day of	, 2007.
		Li Zhang
V		
tate of	_ (
County of) ss.	
ounty of	_)	
0	1	e me,
On	before	e me,
personally appeared		personally known
ne or proved to me on the ba	isis of satisfac	tory evidence to be the person(s) whose name(s)
		and acknowledged to me that he/she/they executed t
		es), and that by his/her/their signature(s) on the
	he entity upon	n behalf of which the person(s) acted, executed the
nstrument.		
		WHENEOG 1 1 1 200 1 1
		WITNESS my hand and official seal.
		GLGAVI WITTEN OF A VICTOR OF A
		SIGNATURE OF NOTARY

Page 3 of 3

PATENT REEL: 019451 FRAME: 0395

RECORDED: 06/19/2007