	FORM PTO Expires 06/30/99	)-1619A	06-28-20	01	U.S. Department of Commerce Patent and Trademark Office		
	OMB 0651-0027	5-01			PATENT		
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	Conveying Party(ies)  Mark if additional names of conveying parties attached  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  M						
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	Name (line 2)						
	Receiving Party  Mark if additional names of receiving parties attached						
	Name (line 1)	Name (line 1) LED PRODUCTS, INC.					
	Name (line 2)				receiving party is not domiciled in the United States, an appointment		
	Address (line 1)				of a domestic representative is attached.  (Designation must be a		
	Address (line 2)	781 SOUTH NARDO AVI	separate document from Assignment.)				
	Address (line 3)	SOLANA BEACH	CA State/Cou	ntry	92075 Zip Code		
	Domestic Representative Name and Address  Enter for the first Receiving Party only.  Name James D. McFarland						
	Address (line 1)	Address (line 1) Law Offices of James D. McFarland Address (line 2) Address (line 3) 12555 High Bluff Drive, Suite 280A					
	Address (line 2)						
	Address (line 3)						
	Address (line 4) San Diego, California 92130						
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D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-002/, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Correspondent Name and Address	Area Code and Telephone Number (858)	509-8687			
Name James D. McFarland					
Address (line 1) Law Offices of James D. McF	arland				
Address (line 2)					
Address (line 3) 12555 High Bluff Drive, Suite	280A				
Address (line 4) San Diego, California 92130					
Pages Enter the total number of paincluding any attachments.	ges of the attached conveyance document	# [1			
Application Number(s) or Patent Nun	· ,	onal numbers attached			
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Patent Application Number(s)	Patent Nur	nber(s)			
09/810,959					
If this document is being filed together with a <u>new</u> Pate signed by the first named executing inventor.	nt Application, enter the date the patent application was	Month Day Year			
Patent Cooperation Treaty (PCT)		¬ вот[			
Enter PCT application number	PCT PCT	PCT			
only if a U.S. Application Number has not been assigned.	PCT PCT	PCT			
Number of Properties					
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Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41): \$ 40				
Method of Payment: Enclo Deposit Account	osed 🗾 Deposit Account 🗌				
(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: #50-0948					
	Authorization to charge additional fees: Yes	No No			
Statement and Signature					
To the best of my knowledge and be	liof the foregoing information is true and c	orrect and any			

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as

indicated herein.

Name of Person Signing

James D. M. Farland

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## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

TAILITIO OILLI						
Conveying Party(ies)  Mark if additional names of conveying parties attached  Execution Date						
Enter additional Co	Month Day Year					
Name (line 1) Go	nzalez, Juan C.	06 05 2001				
Name (line 2)						
		Execution Date Month Day Year				
Name (line 1) Fa	licoff, Waqidi	06 12 2001				
Name (line 2)						
(		Execution Date  Month Day Year				
Name (line 1) Ca	ulfield, H. J.	06 15 2001				
Name (line 2)						
<u> </u>						
Receiving Par		es attached				
	eceiving Party(ies)	If document to be recorded				
Name (line 1)	L.	is an assignment and the receiving party is not				
Name (line 2)		domiciled in the United States, an appointment				
Address (line 1)		of a domestic representative is attached. (Designation				
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Address (line 2)		Assignment.)				
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Name (line 2)		domiciled in the United States, an appointment of a				
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Address (Ilne 2)						
Address (line 3)	City State/Country Zip C	ode				
Application Number(s) or Patent Number(s) Mark if additional numbers attached						
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).						
Pa	tent Application Number(s) Patent Numb	per(s)				
		1				

Appn No.: 09/810,959
Filed: March 16, 2001
Our Ref No.: 3440.P001A

## **ASSIGNMENT**

WHEREAS, We, Juan C. Miñano, a citizen of Spain, residing at Calle Sana Cruz de Marcendado, 31, 7, 28015 Madrid, Spain; Pablo Benitez, a citizen of Spain, residing at Av.de Burgos, 36, 3-A, Madrid, 28036, Spain; Juan C. Gonzalez, a citizen of Spain, residing at Calle Budapest, 2, P-2,1-B, Madrid, 28022, Spain; Waqidi Falicoff, a citizen of USA, residing at 781 S. Nardo Avenue, #0-20, Solana Beach, CA, 92075, USA; and H. J. Caulfield, a citizen of USA, residing at 4626 Delina Road, Cornersville, TN, 37047, USA have invented certain new and useful improvements relating to a(n) HIGH EFFICIENCY NON-IMAGING OPTICS for which an Application for Letters Patent was filed on March 16, 2001, and given Application No. 09/810,959.

AND WHEREAS, LED PRODUCTS, INC. (hereinafter ASSIGNEE), a Delaware Corporation, having a business address at 781 S. Nardo Avenue, Ste. O-20, Solana Beach, CA 92075 desires to acquire the entire right, title, and interest in and to the said improvements and the said Application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventor(s), do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patens on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue applications and any other patent applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

=======================================	= FIRST (OR	SOLE)	INVENTOR	======		=======
IN TESTIMONY WHEREOF, I hereur	nto set my hand an	d seal this	$5^{\frac{1}{10}}$ day of _	JUNE	, <u>2001</u> .	
			Amsters			
		Ju	n C. Miñano	)		
STATE OF COUNTY OF		· .				
On, personally known to me (or proved to within instrument, and acknowledged instrument the person(s), or the entity the instrument.	me on the basis of to me that he exe	of satisfactocuted the s	ory evidence) to ame in his auth	be the perso orized capaci	n(s) whose name(s) is/ai	e subscribed to the
WITNESS my hand and official seal.					[SEAL]	
Signature	.,,		<del></del>			
In lieu of a Notary Public, the signatu	re of Juan C. Mi	<b>ñano</b> is he	reby witnessed	by:		
Witness-Signature	CUBEN MON Witness Name (Pri		<u> </u>	JUNE Date	5,2001	

Page 1

Appn No.: Filed: Our Ref No.:	09/810,959 March 16, 2001 3440.P001A	·		
======			INVENTOR	=======================================
IN TESTIM	ONY WHEREOF, I her	eunto set my hand and seal	this 5th day of _	Dert , 2001.
			Feel	but
			Pablo Benitez	
STATE OF COUNTY OF	F			
personally k within instru	snown to me (or proved ument, and acknowledge the person(s), or the entited	to me on the basis of satis	sfactory evidence) to the same in his auth	personally appeared <b>Pablo Benitez</b> be the person(s) whose name(s) is/are subscribed to the norized capacity(ies), and that by his signature(s) on the ecuted
WITNESS n	ny hand and official seal.			[SEAL]
Signature				
In lieu of a Witness Sig	The state of the s			JUNE 5 2001  Date
IN TESTIM	ONY WHEREOF, I here	cunto set my hand and seal	this _5/4 day of _	JUNE , 2001
			Juan C. Gonzal	lez
STATE OF COUNTY OF	7			
within instru	iment, and acknowledge he person(s), or the entit		the same in his auth	personally appeared <b>Juan C. Gonzalez</b> be the person(s) whose name(s) is/are subscribed to the perized capacity(ies), and that by his signature(s) on the ecuted
WITNESS m	ny hand and official seal.			[SEAL]
Signature				
In lieu of a	Notary Public, the signa	ture of Juan C. Gonzalez	is hereby witnessed	d by:
Witness Sig	nature	CUSE MOHERA Witness Name (Print)	CUI	Dat 7 2001

Page 2

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=======================================	======= FOURTH INV	ENTOR ======	
IN TESTIMONY WHEREO	PF, I hereunto set my hand and seal this	12 day of June	200
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	$\overline{\mathbf{w}}$	What Ja	Sust /
C 1:C	: a	_	
STATE OF Californ COUNTY OF San D	oiego		
on June 12,	2001, before me. Mona	D Stone hotary pul	slic ersonally appeared Waqidi Falicoff whose mame(s) is are subscribed to the
personally known to me for	proved to me on the basis of satisfactor	ry evidence to be the person (s	) whose coame(s) is are subscribed to the
within instrument, and acknowledge	owledged to me that he executed the sa	ame in his authorized capacity	ies), and that by his signature(s) on the
the instrument.	the entity upon behalf of which the per	som(s) acted, executed	
WITNESS my hand and offic	ial seal.		[SEAL]
Mora D.	Store	<b>}</b> ~	
Signature	10101	^	MONA D. STONE
-		<b>5</b> €	COMM. #1276467 NOTARY PUBLIC-CALIFORNIA
In lieu of a Notary Public, the	he signature of Waqidi Falicoff is her	eby witnessed by:	SAN DIEGO COUNTY My Comm. Expires SEPT 10, 2004
		<i>F</i> →	<del>~~~~~~~~~</del>
Witness Signature	Witness Name (Print)	D	
Withess Signature	willess Name (Fint)	Date	
	========	NTOD	
IN TERMINAL WATER			
IN TESTIMONY WHEREOR	F, I hereunto set my hand and seal this	13 day of UNE	, <u>Z0</u> 01
	-	10-00	
	<u> </u>	Stank 181	
	n.	J. Camineia V	21 1/1
STATE OF	$\mathcal{W}_{\ell}$	tnessed by	Talk tuck
COUNTY OF	, , ,	<i>,</i>	, , ,
On	, before me,	personally	appeared H. J. Caulfield personally
known to me (or proved to	me on the basis of satisfactory eviden	ce) to be the person(s) whose in his authorized capacity(ies)	name(s) is/are subscribed to the within and that by his signature(s) on the
	he entity upon behalf of which the pers		, and that by his signature(s) on the
the instrument.			
WITNESS my hand and offici	ial seal.		[SEAL]
Signature			
In lieu of a Notary Public, th	ne signature of <b>H. J. Caulfield</b> is here	by witnessed by:	
Witness Signature	Witness Name (Print)	Date	
TILLICOS DIGILATUIC	Withicss Maine (Finit)	Date	

Page 3

Appn No.: 09/810,959 Filed: March 16, 2001 Our Ref No.: 3440,P001A