Form PTO-1595 (Rev. 03/01) **DOCKET # DE 030084**

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇒ ⇒ ⇒ 103221841 To the Honorable Commissioner of Paterns and the Name of conveying party(ies): 2. Name and address of receiving party(ies) Norbert LESCH Name: KONINKLIJKE PHILIPS ELECTRONICS, N.V. Willebrordus Gerardus TRAA Street Address: GROENEWOUDSEWEG 1 Additional name of conveying party(ies) attached?
Yes
No City: EINDHOVEN Country: THE NETHERLANDS Zip: 5621 BA 3. Nature of conveyance: Assignment Merger Change of Name Security Agreement Additional Name(s) & address(es) attached? ☐ Yes ☑ No Other __ Execution Date: 8/20/04; 3/24/04. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data of the application is: 8/20/04; 3/24/04. A. Patent Application No.(s) B. Patent No.(s) **NOT ASSIGNED YET** Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: PHILIPS ELECTRONICS NORTH AMERICA 7. Total fee (37 CFR 3.41) \$ 40.00 CORPORATION Enclosed Internal Address: Authorized to be charged to deposit account Street Address: P.O. BOX 3001 8. Deposit account number: 14-1270 City: BRIARCLIFF MANOR State: NY Zip: 10510-8001 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. 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. FRANK KEEGAN, REG. 50,145 Name of Person Signing

> Total number of pages including cover sheet, attachments, and documents: 3 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments, Alexandria, VA 22313

OR FAX TO: 703-306-5995

PATENT

REEL: 017765 FRAME: 0225

Docket No. PHDE030084 US

Date

For good and valuable co	nsideration, of which I a	cknowledge receipt, I, as a below-nam	ed assignor, sell and assign
to Koninklijke Philips Ele	ectronics N.V. (hereinaft	ter "Assignee") a corporation existing u	nder the laws of the
Kingdom of the Netherlas	nds, whose business add	ress is Groenewoudseweg 1, 5621 BA	Eindhoven, The
Netherlands, its successor	s and assigns, the applic	cation for a United States Patent for the	improvements in a
Gas discharge lamp inven	ted by us, which applica	tion:	
is executed concurren	tly herewith		
was executed by me/u			
is Serial No	filed		
is International Applic	cation No. PCT/IB2004	1/000792 filed March 9, 224,	
continuations and extensi issue all Patents on said in covenant that I have full I any facts known to me resecute all divisional, corpossible to aid said Assig invention.	ons thereof, and authorize mprovements or resulting right so to do, and agree specting said improvement in the provement in t	atents which may be granted therefor, a ze and request the Commissioner of Parg therefrom to said Assignee as assigned that I will communicate to said Assignents and testify in any legal proceeding dications, make all rightful oaths and get gas and nominees, to obtain and enforced	tents and Trademarks to ee of the entire interest and ee or its representatives , sign all lawful papers, enerally do everything e proper protection for said
20,08.2004	(sign name here)	Norbert LESCH	, Assignor
Date	(print name here)	Norbert LESCH	

Willebrordus Gerardus TRAA

(sign name here)

(print name here)

PATENT REEL: 017765 FRAME: 0226

, Assignor

Docket No. PHDE030084 US

U.S.A. Sole/Joint

ASSIGNMENT

~		acknowledge receipt, I, as a below-r			
to Koninklijke Philips E	lectronics N.V. (hereinaf	ter "Assignee") a corporation existing	ng under the laws of the		
Kingdom of the Netherl	ands, whose business add	lress is Groenewoudseweg 1, 5621	BA Eindhoven, The		
Netherlands, its success	ors and assigns, the applic	cation for a United States Patent for	the improvements in a		
Gas discharge lamp inve	ented by us, which applica	ation:			
is executed concurre	ntly herewith				
was executed by me	/us on				
is Serial No	filed				
is International App	lication No. PCT/IB2004	4/000792 filed March 9, 224,			
and all rights in and to s	aid application, and all Pa	atents which may be granted therefo	or, and all divisions, reissues,		
continuations and exten	sions thereof, and authori	ze and request the Commissioner of	Patents and Trademarks to		
issue all Patents on said	improvements or resulting	ng therefrom to said Assignee as ass	ignee of the entire interest and		
covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives					
any facts known to me	especting said improvem	ents and testify in any legal proceed	ling, sign all lawful papers,		
execute all divisional, c	ontinuing and reissue app	lications, make all rightful oaths an	d generally do everything		
possible to aid said Assi	ignee, its successors, assignee	gns and nominees, to obtain and enf	orce proper protection for said		
invention.		-	• • •		
	(sign name here)		, Assignor		
Date	(print name here)	Norbert LESCH			

Willebrordus Gerardus TRAA

(sign name here)

PATENT REEL: 017765 FRAME: 0227

, Assignor

Form PTO-1595 RECORDATION FORM	COVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
$\langle \mathbf{D} = \langle \Delta T / \Delta T \rangle$				
OMB No. 0651-0027 (exp. 5/31/2002) PATENTS ONLYC05 Rec'd PCT/FTO 14 SEP 200				
Tab settings ⇔⇔⇔ ▼	→ → → → → → → → → →			
To the Honorable Commissioner of Patents and Trademarks: P	lease Record the attached original documents or copy thereof.			
Name of conveying party(ies):				
Norbert LESCH				
Willebrordus Gerardus TRAA	Name: KONINKLIJKE PHILIPS ELECTRONICS, N.V.			
Additional name of conveying party(ies) attached? Yes No	Street Address: GROENEWOUDSEWEG 1			
Additional hame of conveying party(los) attached. [2] vee	City: EINDHOVEN			
3. Nature of conveyance:	Country: THE NETHERLANDS Zip: 5621 BA			
⊠ Assignment				
☐ Security Agreement ☐ Change of Name	Additional Name(s) & address(es) attached? ☐ Yes ☒ No			
☐ Other				
Execution Date: 8/20/04; 3/24/04.				
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data of the application is: 8/20/04; 3/24/04. A. Patent Application No.(s) NOT ASSIGNED YET B. Patent No.(s)				
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1				
Name and address of party to whom correspondence concerning this document should be mailed:	o. Total number of applications and patents inverted.			
Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION	7. Total fee (37 CFR 3.41) \$ 40.00			
Internal Address:	☐ Enclosed			
	Authorized to be charged to deposit account			
Street Address: P.O. BOX 3001	8. Deposit account number:			
	14-1270			
City: BRIARCLIFF MANOR State: NY Zip: 10510-8001	(Attach duplicate copy of this page if paying by deposit account)			
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9. Statement and signature. 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. ERANK KEECAN REG. 50.145				
RANK KEEGAN, REG. 50.145 Name of Person Signing Signature Date				
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RECORDED: 09/14/2005