07-10-1998

Form PTO 1595 (Rev. 6-93) PHA 23,4 To the Honorable Commissioner of Patents

U.S. Dept. of Commerce Patent and Trademark Office

To the Honorable Commissioner of Patents and 1994	
copy thereof.	ecord the attached original documents or
1. Name of conveying party(ies):  KEVIN W. HABERERN PAULETTE KELLAWON NIKHIL TASKAR  Additional name(s) of conveying party(ies) attached?  Yes No  No  3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Terms  Other Execution Date: June 16,17,18, 1998	2. Name and address of receiving party(ies):  Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION Internal Address:  Street Address: 1251 AVENEUE OF THE AMERICAS  City: New York State: NY Zip: 10020-1104 Additional name(s) & address(es) attached?  Yes X No
Application number(s) or patent number(s):	w application, the execution date of the application,
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers	attached? Yes $X$ No
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
Name: U.S. PHILIPS CORPORATION	
Internal Address:	7. Total fee (37 CFR 3.41)\$40.00  Enclosed Authorized to Deposit Account
	7. Total fee (37 CFR 3.41)\$40.00
Internal Address:	7. Total fee (37 CFR 3.41)\$40.00  Enclosed Authorized to Deposit Account
Internal Address:  Street Address:  Street Address:  City: Iarrytown State: NY_Zip: 10591	7. Total fee (37 CFR 3.41)\$40.00  Enclosed Authorized to Deposit Account  8. Deposit Account Number: 14-1270  (Attach duplicate copy of this page paying
Street Address:Street Address:Street Address:State: NY_Zip: 10591  DO NOT U  9. Statement and signature.  To the best of my knowledge and belief, the forego copy is a true copy of the original document.	7. Total fee (37 CFR 3.41)\$40.00  Enclosed Authorized to Deposit Account  8. Deposit Account Number: 14-1270  (Attach duplicate copy of this page paying by deposit account)  SE THIS SPACE
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PATENT
REEL: 9219 FRAME: 2960 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

SOLE/JOINT A	SSIGNMENT	Docket	No.	PHA	23.	. 4 ?	₹ ?

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to PHILIPS ELECTRONICS NORTH AMERICA CORPORATION, a DELAWARE corporation having a place of business at 1251 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK, 10020-1104, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

NEW YORK, 10020-1104, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):				
(1) our invention relating to METAL ELECTRICAL CONTACT FOR HIGH CURRENT DENSITY APPLICATIONS IN LED AND LASER DEVICES as described in the U.S. patent application				
<pre>[XX] executed concurrently herewith, [ ] executed on, [ ] filed in the United States Patent and Trademark Office</pre>				
(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and				
(3) all patents granted on these applications.				
I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.  I certify that I have the full right to convey the above rights.  (signature) (signature), Assignor (printed name) KEVIN W. HABERERN				
State of ) County of )				
On this day of, 19 before me personally appeared				
known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/they executed this assignment of his/their own free will.				

Notary Public

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hereby sell, assign, and transfer the entire right, title, and interest in the following to PHILIPS ELECTRONICS NORTH AMERICA CORPORATION, a DELAWARE corporation having a place of business at 1251 AVENUE OF THE AMERICAS, NEW YORK, N

	0-1104, its su nominees (coll	ccessors, a	ssigns,	and legal	represe	ntatives,	2014.,
, ,	our invention	_					
	[XX] executed	concurrentl	y herewi	ch,			
	[ ] executed						
	[ ] filed in on	the United					
	the foregoing based thereon,						
(3)	all patents gr	anted on the	ese appl	ications.			
foregoing righ expense of the testify in all infringement a desirable, or invention or frequest that t	at, title, and a Assignee, I at legal proceed actions, and do convenient for perfecting these patents betify that I had	interest to agree to executings include all other securing a title there see issued to	the fulcute all ing pates such act nd maint to in the Ass	lest exte papers, nt prosect which maining pate Assignetignee.	ent. Upon take all sutional may be ne- stents on se. I au	n request a rightful o actions and cessary, the forego thorize and	eaths, l oing
	(signatu				Maria Maria Dala Administra	, Assigno	or
Date	(printed	l name') KEVI	IN W. HAE	ERERN			
Minlor	(signatu		V.H. 1	ollaw	<b>~</b>	, Assigno	or
6/18/70 Date		name) PAUI	LETTE KEI	LAWON		, Assign	<u> </u>
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Data		ire) 1 name) NIKH	ITT TACK!	T O		, Assigno	or
Date	(printed	name ) NIKr	IIL IMPVE	ıĸ			
State of			)				
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On this	day of		_, 19	before m	e person	ally appear	ed:
known to me to acknowledged t will.	be the person to me that he/t	n(s) who execute	cuted th d this a	e foregoi ssignment	ng assig of his/	nment and their own f	′ Tree

PATENT REEL: 9219 FRAME: 0963

Notary Public

1504-1253

SOLE/JOINT	ASSTONMENT	Docket No.	PΗA	23	433
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For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to PHILIPS ELECTRONICS NORTH AMERICA CORPORATION, a DELAWARE

NEW YORK, 10020	ring a place of business at 1251 AVENUE 0-1104, its successors, assigns, and le nominees (collectively "the Assignee")	egal representatives,
	our invention relating to METAL ELECTR TIONS IN LED AND LASER DEVICES as desc	
	XX) executed concurrently herewith,	
[	executed on,	
l	] filed in the United States Patent on as Ser	
	the foregoing application and all other used thereon, including divisions, cont l	
(3) a	all patents granted on these application	ons.
testify in all infringement ac desirable, or cinvention or for request that the	Assignee, I agree to execute all paper legal proceedings including patent processions, and do all other such acts which convenient for securing and maintaining or perfecting title thereto in the Assignee less patents be issued to the Assignee lifty that I have the full right to converge.	osecutional actions and ch may be necessary, g patents on the foregoing gnee. I authorize and
Date	(signature') (printed name') KEVIN W. HABERERN	, Assignor
	(signature)	, Assignor
Date	(printed name') PAULETTE KELLAWON	
6//7/98 Date	(signature') /V/K/ / Tevska (printed name') NIKHIL TASKAR	, Assignor
State of County of	)	
On this	day of, 19 before	re me personally appeared
		,

known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/they executed this assignment of his/their own free will.

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Notary Public

PATENT REEL: 9219 FRAME: 0964