Form PTO 1595 (Rev. 6-93)		S. Dept. of Commerce tent and Trademark Offi
To the Commissioner for Patents: $Pl\varepsilon$	101819193	ats or copy thereof.
1. Name of conveying party(ies): Subramanian Muthu Additional name(s) of conveying party(ies)	Name: Koninkl	ess of receiving party(ies): ijke Philips Electronics N.V ess:
3. Nature of conveyance:	yer City: Eindhove 5621 BA Additional nam Yes	s: <u>Groenewoudseweg 1</u> en_Country: <u>The Netherlands</u> ne(s) & address(es) attached s No X
 Application number(s) or patent number 		
5. Name and address of party to whom corr concerning document should be mailed: Name: <u>Philips Electronics North Americ</u> Internal Address:	involved: .a Corp. 7. Total fee (37 Enclosed X	
City: <u>Tarrytown</u> State: <u>NY</u> Zip: <u>1059</u>	8. Deposit Account of the second seco	icate copy of this page payi
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SOLE/JOINT ASSIGNMENT

Docket No. US 000369

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 Koninklijke Philips Electronics N.V., having a place of business at Groenewoudseweg 1, 5621 BA Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my invention relating to EFFECTIVE MODELING OF CIE XY COORDINATES FOR A PLURALITY OF LEDS FOR WHITE LED LIGHT CONTROL as described in the U.S. patent application

- [] executed concurrently herewith,
- [] executed on
- [X] filed in the United States Patent and Trademark Office on <u>December 27, 2000</u> as Serial Number <u>09/749,170</u>,

(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 caths, 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 authorize and request that these patents be issued to the Assignee.

I certify that I have the full right to convey the above rights.

08/08/0

Sworn and subscribed to before me this 844 day of <u>Augus</u>, 200

DTARY PUBLIC

JEAN C. PROVENZANO Notary Public, State of New York No. 4609688 Qualified in Westchester County Commission Expires May 31, 49, 2003

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Subramanian

PATENT REEL: 012081 FRAME: 0106

Assignor

RECORDED: 08/13/2001