Form PTO 1595 RECOR (Rev. 6-93)	U.S. Dept. of Commerce Patent and Trademark Office of original documents or of Signal docum
1. Name of conveying party(ies): KWOK PUN LEE JACQUELYN A. MARTINO LIRA NIKOLOVSKA ALISON F. CAMPLIN Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Merger Security Agreement Other Execution Date: MARCH 17, 14, 15, 20, 2000	2. Name and address of receiving party(ies): Name: Philips Electronics North America Corp. Internal Address: Street Address: 1251 Avenue of the Americas City: New York State: NY Zip: 10020-1104 Additional name(s) & address(es) attached? Yes X No
is A. Patent Application No.(s)	application, the execution date of the application, B. Patent No.(s) The execution date of the application, $9/53749$ The execution date of the application date of the appl
Name and address of party to whom correspondence concerning document should be mailed: Name: Philips Electronics North America Corp. Internal Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$40.00 Enclosed X Authorized to Deposit Account
Street Address: <u>580 White Plains Road</u> City: <u>Tarrytown</u> State: <u>NY</u> Zip: <u>10591</u>	8. Deposit Account Number: 14-1270 (Attach duplicate copy of this page 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. \bigcirc

Gregory L. Thorne, Attorney Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks

Box Assignments Washington, D.C. 20231

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SOLE/JOINT ASSIGNMENT

For good and valuable consideration, I, as a below-named Assignor,

following to P corporation ha New York 10020	ssign, and transfer the entire right, title, and interest in the hilips Electronics North America Corporation, a Delaware ving a place of business at 1251 Avenue of the Americas, New York, , its successors, assigns, and legal representatives, including any ectively "the Assignee"):
	my/our invention relating to <u>User Interface Providing Automatic</u> Generation and Ergonomic Presentation of Keyword Search Criteria
	as described in the U.S. patent application
	<pre>[X] executed concurrently herewith, [] executed on</pre>
	the foregoing application and all other U.S. and foreign patent based thereon, including divisions, continuations, reissues, and
(3)	all patents granted on these applications.
foregoing right expense of the testify in all infringement adesirable, or invention or in	Il provide my cooperation to enable the Assignee to enjoy the at, title, and interest to the fullest extent. Upon request at the Assignee, I agree to execute all papers, take all rightful oaths, legal proceedings including patent prosecutional actions and actions, and do all other such acts which may be necessary, convenient for securing and maintaining patents on the foregoing for perfecting title thereto in the Assignee. I authorize and these patents be issued to the Assignee.
I cei	tify that I have the full right to convey the above rights.
(Ah March & Date) 14 march 20	Mod wollande ,Assignor Kwok Pun Les
Date	Jacquelyn A. Martino
Data	

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Alison F. Camplin

, Assignor

Date

SOLE/JOINT ASSIGNMENT

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the Y

corporation havin New York 10020, i	ps Electronics North America Corporation, a Delaware a place of business at 1251 Avenue of the Americas, New York successors, assigns, and legal representatives, including a vely "the Assignee"):	
• • • •	our invention relating to <u>User Interface Providing Automatic</u> eration and Ergonomic Presentation of Keyword Search Criteria	
as	described in the U.S. patent application	
	executed concurrently herewith, executed on	
	foregoing application and all other U.S. and foreign patent d thereon, including divisions, continuations, reissues, and	
(3) all	patents granted on these applications.	
foregoing right, expense of the Astestify in all leinfringement actidesirable, or coninvention or for request that these	rovide my cooperation to enable the Assignee to enjoy the title, and interest to the fullest extent. Upon request at the signee, I agree to execute all papers, take all rightful oaths gal proceedings including patent prosecutional actions and ons, and do all other such acts which may be necessary, wenient for securing and maintaining patents on the foregoing perfecting title thereto in the Assignee. I authorize and a patents be issued to the Assignee.	
Date		<u>)r</u>
Date	Assigno	~~
Date	Jacquelyn A. Martino	7.
15. March 200	, Assigna	<u>o</u> r
Date	Lira Nikolovska	
	, Assigno	<u> </u>

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Date

Alison F. Camplin

SOLE/JOINT ASSIGNMENT

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, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

New York 10	0020, its	successors, assigns, and lely "the Assignee"):	egal representatives, inc	luding an
(1	, -,	r invention relating to <u>Use</u> ation and Ergonomic Present		
	as de	scribed in the U.S. patent	application	
	[]	executed concurrently herew executed on	, Patent and Trademark Offi	.ce
		on	as Serial Number	/
	ns based	oregoing application and al thereon, including division		
(3	3) all p	atents granted on these app	olications.	
foregoing and appearance of testify in infringement desirable, invention of	right, ti the Assi all lega nt action or conve	vide my cooperation to enable the, and interest to the furgnee, I agree to execute all proceedings including pates, and do all other such according to the furgree to the Association of	allest extent. Upon reque all papers, take all rights tent prosecutional actions ots which may be necessary ntaining patents on the fo the Assignee. I authorize	est at the ful oaths, and oregoing
I	certify	that I have the full right	to convey the above right	is.
				,Assigno
Date		Kwok Pun Lee		7
				,Assigno
Date		Jacquelyn A. Martino		
				,Assigno
Date		Lira Nikolovska		
3.20.	2000	Atlanelia		Aggiano

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RECORDED: 03/29/2000

Date

Alison F. Camplin

PATENT REEL: 010678 FRAME: 0851