07-20-1999 Pha 23,712 U.S. Dept. of Commerce Form PTO 1595 Patent and Trademark Off (Rev. 6-93) To the Honorable Commission. ... 101094563 .cord the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Name: PHILIPS ELECTRONICS NORTH AMERICA CORP KAREN I. TRAVATO Internal Address: Additional name(s) of conveying party(ies) attached? Yes X Street Address: 1251 Avenue of the Americas 3. Nature of conveyance: Assignment Merger City: New York __ State: <u>NY</u> Zip: <u>10020-1104</u> Additional name(s) & address(es) attached? Change of Terms Security Agreement Yes X No Other _ Execution Date: <u>JULY 1, 1999</u> 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is JULY 1, 1999 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No Х 6. Total number of applications and patents 5. Name and address of party to whom correspondence involved: concerning document should be mailed: Name: U.S. Philips Corp. 7. Total fee (37 CFR 3.41) ...\$40.00 Internal Address: __ Authorized to Deposit Account Enclosed Street Address: 580 White Plains Road 8. Deposit Account Number: 14-1270 City: Tarrytown State: NY Zip: 10591 (Attach duplicate copy of this page paying

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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.

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PATENT REEL: 010093 FRAME: 0897

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"):

<u>Br</u>	DAC	<u>lcast</u>	EPG	Data	a for P	rogram	<u> Title D</u>	ispla	ЯĀ			
as	d€	escrib	ed :	in th	he U.S.	patent	applica	ation	n			
[X]	execu	ted	con	current	ly here	with,					
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[]	filed	in	the	United	States	Patent	and	Trademan	ck (Office	
		on					as Se	rial	Number			,

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

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

July 1, 1999	Saint. Trondo	,Assignor
Datte /	Karen I. Trovato	
· ·		,Assignor
Date		Tonbiest

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