04-14-2000

Form PTO 1595 (Rev. 6-93)	U.S. Dept. of Commerce   Patent and Trademark Offi
To the Honorable Commissioner of ratents and recopy thereof.	1319103 he attached original documents or
<ol> <li>Name of conveying party(ies):</li> <li>SANTHANA KRISHNAMACHARI</li> </ol>	Name and address of receiving party(ies):     Name: PHILIPS ELECTRONICS NORTH AMERICA CORP.
	Internal Address:
Additional name(s) of conveying party(ies) att	ached?
	Street Address: 1251 Avenue of the Americas
X Assignment Merger	City: New York State: NY Zip: 10020-1
Security Agreement Change o	Yes X No
Execution Date: <u>FEB. 28, 2000</u> Application number(s) or patent number(s):	_
is <u>FEB. 28, 2000.</u> A. Patent Application No.(s)	B. Patent No.(s)
*(SERIAL NO.) Addi	tional numbers attached? Yes X No
	tional numbers attached? Yes X No
5. Name and address of party to whom correspo	ndence  6. Total number of applications and patents involved:
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<ol> <li>Name and address of party to whom correspond concerning document should be mailed:</li> <li>Name: <u>U.S. Philips Corp.</u></li> </ol>	ndence  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)\$40.00  Enclosed X Authorized to Deposit Accord
5. Name and address of party to whom correspondence oncerning document should be mailed:  Name: U.S. Philips Corp.  Internal Address:  Street Address: 580 White Plains Road  City: Tarrytown State: NY Zip: 10591	tional numbers attached?  Yes  X  No  ndence  6. Total number of applications and patents involved:  1  7. Total fee (37 CFR 3.41)\$40.00  Enclosed  X  Authorized to Deposit Accord
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Total number of pages including cover sheet, attachments, and document:

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04/13/2000 01 FC:581

SOLE/JOINT ASSIGNMENT Docket No.

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 <a href="Philips Electronics North America Corporation">Philips Electronics North America Corporation</a> , a <a href="Delaware">Delaware</a> corporation having a place of business at <a href="1251 Avenue of the Americas, New York, New York, 10020">1251 Avenue of the Americas, New York, New York</a> , its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):
(1) my/our invention relating to HIERARCHICAL AUTHENTICATION SYSTEM  FOR IMAGES AND VIDEO as described in the U.S. patent application  [x] executed concurrently herewith,  [ ] executed on
(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.  (signature)  (printed name) SANTHANA KRISHNAMACHARI
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 944999v1

**RECORDED: 03/20/2000** 

PATENT REEL: 010683 FRAME: 0462