Form PTQ 1595 (Rev. 6-93)	101311668	U.S. Dept. of Commerce Patent and Trademark Office
To the Honorable Commissioner of Patents and I copy thereof.	rademarks: Please record the	attached original documents or
1. Name of conveying party(ies): HAIYAN HE CHRISTIAN HENTSCHEL Additional name(s) of conveying party(ies) att	Name: PHILIPS ELECT Internal Addres	s of receiving party(ies): RONICS NORTH AMERICA CORPORATION SS: SS: SS: SS: SS: SS: SS: S
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Other Execution Date: FEBRUARY 25,28, 2000	City: <u>New York</u>	State: NY Zip: 10020-1104 (s) & address(es) attached? No
4. Application number(s) or patent number(s): 3.6.00 If this document is being filed together with a new application, the execution date of the application, is February 25,28, 2000 A. Patent Application No.(s) B. Patent No.(s) Yes No		
5. Name and address of party to whom correspondence oncerning document should be mailed:	ondence 6. Total number of involved:	applications and patents
Name: PHILIPS ELECTRONICS NORTH AMERICA CORPO	DRATION	
Internal Address:	7. Total fee (37 C	
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City: <u>Tarrytown</u> State: <u>NY</u> Zip: <u>10591</u>	8. Deposit Account (Attach duplic by deposit ac	ate copy of this page paying
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Laurie E. Gathman, Reg.No. 37,520 Name of Person Signing	Signature	Date
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PATENT REEL: 010664 FRAME: 0249

SOLE/JOINT ASSIGNMENT

Docket No. US 000057

For good and valuable consideration, We, as a below-named Assignors, 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, NY 10021 its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):
VIDEO SIGNAL" as described in the U.S. patent application [x] executed concurrently herewith, [] executed on [still the United States Patent and Trademark Office onas Serial 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.
2/28/2000 (signature*) LA LA LA . Assignor (printed name*) Halyan He
(signature*) Assignor
State of lest the test (County of)
On this 2012 day of February, 2000 before me personally appeared Haiyan He and Christian Hentschel, known to me to be the persono who executed the foregoing assignment and acknowledged to me that they executed this assignment of their own free will.
ARLINE HAY-OBRIEN Notary Public, State of New York No. 01HA5076262 Qualified in Dutchess County Commission Expires April 21, 1988

PATENT REEL: 010664 FRAME: 0250

USA - Domestic 4/87

SOLE/JOINT ASSIGNMENT

Docket No. US 000057

For good and valuable consideration, We, as a below-named Assignors, 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, NY 10021 its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

my/our invention relating to "SUBJECTIVE NOISE MEASUREMENT ON ACTIVE VIDEO SIGNAL" as described in the U.S. patent application (x) executed concurrently herewith, _ as Serial 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. (signature*) Assignor Date (printed name*) Haiyan He Hentsche Feb. 25, 2000 (signature*) (printed name+) Christian Hentschel State of Country: The Netherlands On this 25 day of February, 2000 before me personally appeared Haiyan He and Christian Hentschel, known to me to be the persons who executed the foregoing assignment and acknowledged to me that they executed this assignment of their own free will. Notary Public

RECORDED: 03/06/2000

PATENT REEL: 010664 FRAME: 0251

My Commission Expires: