Form PTO 1595	-14-2001 U.S. 01811189 Patent and
To the Commissioner for Patents: Please record thereof. 1. Name of conveying party(ies): Gregory K. Goodhue; Ata R. Khan; John H. Wharton; Robert Kallal. Additional name(s) of conveying party(ies) attached? Yes X No Werger Security Agreement Other Execution Date: 02/20/01 and 07/31/01.	2. Name and address of receiving party(ies): Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION. 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
4. Application number(s) or patent number(s): If this document is being filed together wi application, is 02/20/01 and 07/31/01. A. Patent Application No.(s) *(SERIAL NO. 09/788,691) Additi 5. Name and address of party to whom correspondence concerning document should be mailed: Name: U.S. Philips Corp. Internal Address: Street Address: 580 White Plains Road City: Tarrytown State: NY Zip:10591	B. Patent No.(s) onal numbers attached? 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$40.00 Enclosed Account X
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	8. Deposit Account Number: 14-1270 (Attach duplicate copy of this page paying by deposit account)

08/14/2001 ANNED1 00000056 141270 01 FC:581 40.00 CH

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Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached and any attached copy is a true copy of the original document.

Harold Tsiang Reg. 35, 721

Name of Person Signing

Signature

Harold Tsiang Reg. 35, 721 Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Box Assignments Washington, D.C. 20231

SOLE/JOINT ASSIGNMENT Docket No. US0/80/1

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, NY 10020, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to MEMORY ACCELERATOR FOR ARM PROCESSORS
as described in the U.S. patent application
executed concurrently herewith,
[] executed on,
M filed in the United States Patent and Trademark Office
on as Serial Number <u>09/188</u> , 691
02/20101

- (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 prosecution 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.

Feb. 20 2001 Date	(signature) Liezon L. Soft	, Assignor
Date	Gregory K. Goodhae	
Feb. 20, 2001	(signature)	, Assignor
Date '	Ata R. Khan	
Feb. 19,2001	(signature) Jahn H. Whater	, Assignor
Date	John H. Wharton	
	V	
	(signature)	, Assignor
Date	Robert Kallal	

PATENT REEL: 012058 FRAME: 0923

SOLE/JOINT ASSIGNMENT

Docket No. US 018011

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"):

- (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.

Date	(signature') (printed name') Gregory K. Goodhue	, Assignor
Date	(signature) (printed name) Ata R. Khan	, Assignor
	(signature)	, Assignor
Date N	(printed name) John H. Wharton	/=
July 31, 2001	(printed name*) Robert Kallal	, Assignor

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REEL: 012058 FRAME: 0924