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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Philips Semiconductors, Inc.

2. Name and address of receiving party(ies): KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1 Eindhoven, The Netherlands 5621 BA

3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date(s): 2/14/2003

4. Application number(s) or patent number(s): If being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): 09/309,137 B. Patent No. (s): NONE

Additional numbers attached? [ ] Yes [X] No

5. Name & address to whom correspondence concerning document should be mailed: Philips Electronics North America Corp. Intellectual Property & Standards 1000 West Maude Avenue Sunnyvale, CA 94085 Customer Number: 24738 PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved: 1 7. Total fee (37 DFR 3.41) \$ 40.00 [ ] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: 14-1270 (Duplicate copy of this page is attached)

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.

[Signature] Peter Zawilski, Reg. No. 43,305

Date FEB 18, 2003

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

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Attorney Docket No.: PHA 51.160

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, BOX ASSIGNMENTS, Washington, DC 20231

# ASSIGNMENT OF APPLICATION

PHILIPS SEMICONDUCTORS, INC.  
TO  
KONINKLIJKE PHILIPS ELECTRONICS N.V. (KPENV)

For good and valuable consideration, below-named Assignor, hereby sells, assigns, and transfers 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, and its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):


- (1) the invention relating to "**Selecting a Cache Design for a Computer System Using a Model with a Seed Cache to Generate a Trace**" as described in the U.S. patent application filed in the United States Patent and Trademark Office on **5/10/1999** as Serial Number **09/309,137**,
- (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.

Authorization is hereby given, and request is hereby made, that these patents be issued to the Assignee.

Assignor certifies that it has the full right to convey the above rights.

**ASSIGNOR:**  
PHILIPS SEMICONDUCTORS, INC.

Date 2/14/2003

By 

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Attorney Docket No. PHA 51.160