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RE 101127177

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

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

PTO 09/375843 08/16/99

1. Name of conveying party(ies):

Glen R. Anderson

MRD 8-16-99

2. Name and address of receiving part(ies)

Name: Sapphire Design Automation Inc.

Internal Address:

Additional name(s) of conveying parties(ies) attached? Yes No

3. Nature of Conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other

Street Address: 2310 Walsh Avenue

City: Santa Clara State: Calif. Zip: 95051

Execution Date: August 16, 1999

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

09/375,843

If this document is being filed together with a new application, the execution date of the application is: 8/16/99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning the document should be mailed:

Name: Michael B. Einschlag

Internal Address:

Street Address: 25680 Fernhill Drive

City: Los Altos Hills State: Calif. Zip: 94024

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)\$ 40.00

- Enclosed, Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

Michael B. Einschlag

Name of Person Signing

Michael B Einschlag

Signature

August 16, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2 3

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

ASSIGNMENT

WHEREAS, I, Glen R. Anderson, a citizen of the United States of America residing at 3274 Ross Road, Palo Alto, Calif. 94303, U.S.A., ASSIGNOR,

am the inventor of the invention in an application for a Patent of the United States entitled:

Method and Apparatus for Logic Synthesis (Elaboration)

the declaration for which I executed on August 16, 1999 and

WHEREAS, Sapphire Design Automation, Inc., a corporation of the State of California having a place of business at 2310 Walsh Avenue, Santa Clara, California 95051, ASSIGNEE,

is desirous of obtaining the entire right, title and interest in, to and under the invention and the application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, and the United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us regarding the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of August, 1999.



Glen R. Anderson