

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Terrence A Lenahan</td><td>07/26/2004</td></tr><tr><td>Kuang-Wei Chiang</td><td>07/28/2004</td></tr></tbody></table>		Name	Execution Date	Terrence A Lenahan	07/26/2004	Kuang-Wei Chiang	07/28/2004				
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Terrence A Lenahan	07/26/2004										
Kuang-Wei Chiang	07/28/2004										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Cadence Design Systems, Inc.</td></tr><tr><td>Street Address:</td><td>2655 Seely Avenue</td></tr><tr><td>City:</td><td>San Jose</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95134</td></tr></table>		Name:	Cadence Design Systems, Inc.	Street Address:	2655 Seely Avenue	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12786325</td></tr></tbody></table>		Property Type	Number	Application Number:	12786325						
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Application Number:	12786325										
CORRESPONDENCE DATA											
Fax Number: (408)877-1662 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Dharti Shah										
Total Attachments: 5 source=03PA076US03D01_Signed_Assignments1#page1.tif source=03PA076US03D01_Signed_Assignments1#page2.tif											

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **TERRENCE A. LENAHAN**, a citizen of the United States of America, and **KUANG-WEI CHIANG**, a citizen of the United States of America (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **METHODS AND MECHANISMS FOR INSERTING METAL FILL DATA** for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its place of business at **2655 Seely Avenue, San Jose, California 95134** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention;

and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Agreement.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign county, which may be necessary or desirable to carry out the purpose thereof.

WITNESS my hand at Cary Office of Cadence,
this 26th day of July, 2004.

Terrence A. Lenahan
TERRENCE A. LENAHA

STATE OF North Carolina)
COUNTY OF Wake) ss

On July 26, 2004 before me, James R. Gray, personally
appeared Terrence A. Lenahan

☒ personally known to me – OR – ☐ proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

James R. Gray Wake, NC
Notary Public in and for said County and State

WITNESS my hand at _____,
this _____ day of _____, 2004.

KUANG-WEI CHIANG

STATE OF _____)
COUNTY OF _____) ss

On _____ before me, _____, personally
appeared Kuang-Wei Chiang

☐ personally known to me – **OR-** ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said County and State

WITNESS my hand at _____
this 28th day of July, 2004.


JUE WANG, Legal Representative for
KUANG-WEI CHIANG

STATE OF _____
COUNTY OF _____ } ss

On _____ before me, _____, personally
appeared Jue Wang

☐ personally known to me – OR- ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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