

12-11-2002



U.S. DEPARTMENT OF COMMERCE

102308317

REGISTRATION FORM COVER SHEET
PATENTS ONLY

Patent and Trademark Office

Docket No. 274/061

19535-7190

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

1. Name of conveying party(ies):

Sanjeev Saluja
Anmol Mathur

11-25-02

- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Dates: October 29, 2002 and November 6, 2002

2. Name and address of receiving party(ies):

Name: Cadence Design Systems, Inc.
 Address: 2655 Seely Avenue
 City: San Jose State: CA
 Zip Code: 95134

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

4. Application number(s) or patent number(s): 10/173,338

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Peter C. Mei
 Bingham McCutchen LLP
 Three Embarcadero, Suite 1800
 San Francisco, CA 94111-4067

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account no. 50-1189,
 referencing Attorney Docket No. 274/061, billing ref.
 19535-7190

8. Deposit account number: 50-1189

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 50-1189

DO NOT USE THIS SPACE

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.

Name: Erin C. Ming
 Registration No. 47,797

Signature

Date: 11-19-02

Total number of pages comprising cover sheet, attachments and document: 7

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office
 Office of Public Records
 Box Assignments
 Crystal Gateway 4, Room 335
 Washington, D.C. 20231

12/10/2002 TDIAZI 00000164 501189 10173338

01 FC:8021 40.00 CH

52095483.1/19535-7190

PATENT
 REEL: 013551 FRAME: 0054

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, SANJEEV SALUJA, a citizen of INDIA, and ANMOL MATHUR, a citizen of INDIA (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled ENHANCING MERGEABILITY OF DATAPATHS AND REDUCING DATAPATH WIDTHS RESPONSIVELY TO UPPER BOUND ON INFORMATION CONTENT for which application for Letters Patent of the United States of America has been filed on June 17, 2002, assigned Serial No. 10/173,338; and

WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the **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 therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

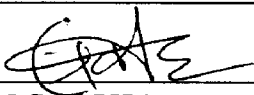
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application 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

Trademarks 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 Assignment.

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 country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at _____,
_____, this 29 day of October, 2002.



SANJEEV SALUJA

STATE OF _____)
) ss
COUNTY OF _____)

On _____ before me, _____, personally appeared

☐ 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 _____,

California, this _____ day of _____, 2002.

ANMOL MATHUR

STATE OF _____)
) ss
COUNTY OF _____)

On _____ before me, _____, personally appeared

☐ 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

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, SANJEEV SALUJA, a citizen of INDIA, and ANMOL MATHUR, a citizen of INDIA (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled ENHANCING MERGEABILITY OF DATAPATHS AND REDUCING DATAPATH WIDTHS RESPONSIVELY TO UPPER BOUND ON INFORMATION CONTENT for which application for Letters Patent of the United States of America has been filed on June 17, 2002, assigned Serial No. 10/173,338; and

WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the **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 therefor 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

Trademarks 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 Assignment.

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 country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at _____,
_____, this ____ day of _____, 2002.

SANJEEV SALUJA

STATE OF _____)
_____) ss
COUNTY OF _____)

On _____ before me, _____, personally appeared

☐ 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 SAN JOSE, CA,

California, this 1th day of November, 2002.

Anmol Mathur
ANMOL MATHUR

STATE OF CALIFORNIA)
) ss
COUNTY OF SANTA CLARA)

On 11-6-02 before me, Judith Featherstone, personally appeared
Anmol Mathur

☐ 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.

Judith Featherstone
Notary Public in and for said County and State

